TIBCO Adapter™ for Files z/OS (MVS)

User's Guide

Software Release 4.7.0
June 2010

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Important Information

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Preface

TIBCO Adapter™ for Files z/OS (MVS) software allows files on an IBM z/OS system to interoperate with applications configured for the TIBCO environment.

This manual is primarily intended for z/OS programmers who are involved in setting up and maintaining the system, but is also useful for application programmers.

Topics

Related Documentation

This section lists documentation resources you may find useful.

TIBCO Adapter for Files z/OS (MVS) Documentation

The following documents form the TIBCO Adapter for Files z/OS (MVS) documentation set:

- *TIBCO Adapter for Files z/OS (MVS) User's Guide* — Read this document for instructions on using the product.
- *TIBCO Adapter for Files z/OS (MVS) Release Notes* — Read this document for a summary of features, changes since the last release, and a description of any issues that may affect installing or using the Adapter.

Other TIBCO Product Documentation

You may find it useful to read the documentation for the following TIBCO products:

- TIBCO Enterprise Message Service™ (EMS) software: this TIBCO's real-time transport layer is supported by TIBCO Adapter for Files z/OS (MVS) software.
- TIBCO Rendezvous™ software: this TIBCO's real-time transport layer is also supported by TIBCO Adapter for Files z/OS (MVS) software.
- TIBCO Adapter SDK™ software. used to implement a custom TIBCO Adapter.
- TIBCO Adapter™ for Files (IBM i): this adapter allows files on an IBM system to interoperate with applications configured for the TIBCO environment.

How to Contact TIBCO Customer Support

For comments or problems with this manual or the software it addresses, please contact TIBCO Support as follows.

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit this site:

  http://www.tibco.com/services/support/

- If you already have a valid maintenance or support contract, visit this site:

  http://support.tibco.com

  Entry to this site requires a user name and password. If you do not have a user name, you can request one.

Chapter 1 Introduction

This chapter introduces TIBCO Adapter for Files z/OS (MVS) by providing background information about features, components, and the application architecture.

Topics

Overview

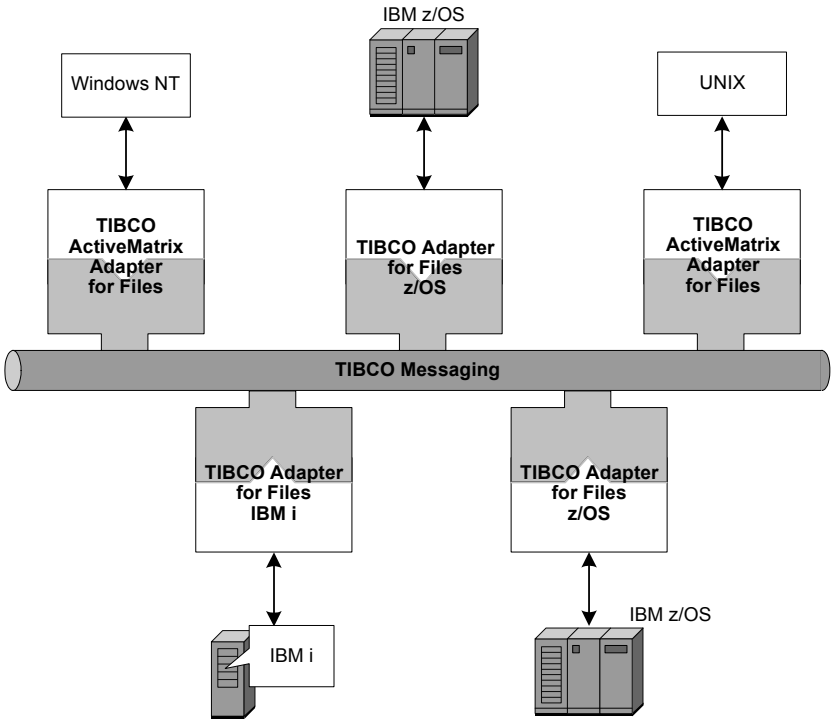
The TIBCO Adapter for Files z/OS supports file operations on z/OS datasets and communicates with other applications enabled for TIBCO EMS and TIBCO Rendezvous.

TIBCO Adapter for Files z/OS is typically used in a network operations center or development environment where system administrators, network administrators, and z/OS programmers need to process files between IBM z/OS applications and other operating systems.

Architecture

Typically, the Adapter transfers files from IBM z/OS external storage to applications that reside on operating systems other than IBM z/OS (Figure 1). The adapter is especially useful in batch-oriented handling of files (for example, passing automated input or output files to a billing system) or for doing quick TIBCO EMS/Rendezvous message prototypes.

Figure 1 Logical Architecture



The adapter can also provide real-time handling of files. The adapter's main purpose is to pass TIBCO EMS or Rendezvous messages in the context of files, not to process files. The data in a message is written to a file or published from a file without being transformed by the Adapter. There are options to add constant fields to a message, and to write constant fields in the output file. If data transformation capability is required, TIBCO BusinessWorks™ should be used in conjunction with the Adapter.

Transport Mechanisms and Delivery Options

TIBCO Adapter for Files z/OS supports the following transport mechanisms:

- TIBCO EMS
- TIBCO Rendezvous Messaging (RV)
- TIBCO Rendezvous Certified Messaging (RVCM)

Users of RVCM have certified delivery with the overhead of ledger files. For simple file transfer, the Adapter supports ECM (Explicit Confirmation Mode), which supplies FTP-like functionality with error handling and recovery using TIBCO Rendezvous (RV). For transfers between the Adapter and TIBCO ActiveMatrix Adapter for Files, only Block Mode over RV is supported with or without ECM. See Explicit Confirmation Mode (ECM) on page 14.

Wire Format

TIBCO Adapter for Files z/OS supports only TIBCO Rendezvous wire format, not AE wire format. Support is for the `MapMessage` message type only, the sole exception being that nested messages in EMS are nested inside `StreamMessages`.

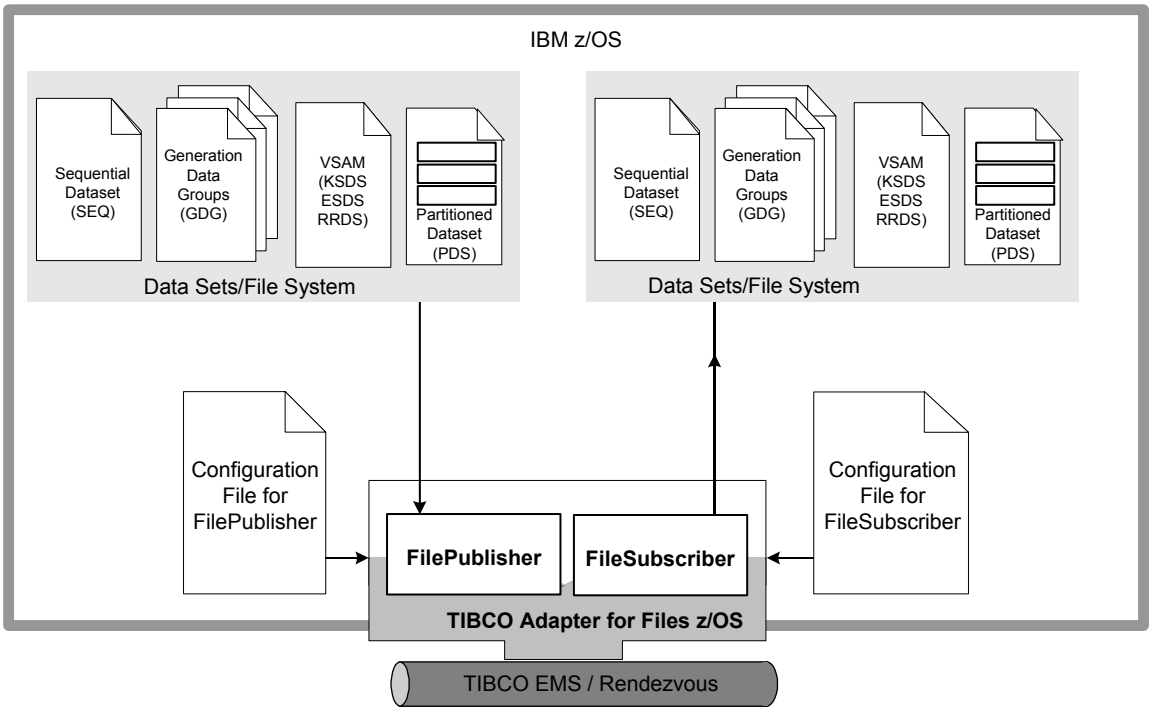
Functional Components

The adapter consists of two applications, as illustrated in Figure 2:

- FilePublisher—a publication service that processes data from files and publishes the contents as TIBCO Rendezvous or TIBCO EMS messages. See FilePublisher on page 5.
- FileSubscriber—a subscription service that subscribes to TIBCO Rendezvous or TIBCO EMS messages, processes received messages, and writes the contents to a file. See FileSubscriber on page 10.

The format of the incoming or outgoing TIBCO EMS or Rendezvous message, the file format, and many file-handling options can be specified in one or more configuration files for each adapter instance.

Figure 2 Functional Components



FilePublisher

FilePublisher publishes input files as a series of TIBCO EMS/Rendezvous messages.

It publishes input files either by polling for them or by using a trigger subject to determine which input files to accept. The polling and trigger-subject methods can operate together. If files are being published and trigger messages to publish are received, the Adapter queues the files and publishes what is in the queue after the current file. A trigger-subject file takes precedence over a polling-method file.

You must identify which data sets contain the file(s) that you want to publish. You can use the Options section of the configuration file to identify a default input data set, process data set, and output data set. In addition, you can specify and override an input data set, a process data set, or an output data set for each file type in the configuration file.

Configuring FilePublisher

You can use the FilePublisher configuration file to configure the following aspects of the Publisher. See FilePublisher Configuration File on page 44 for a list of the sample configuration files and data sets available with the Adapter.

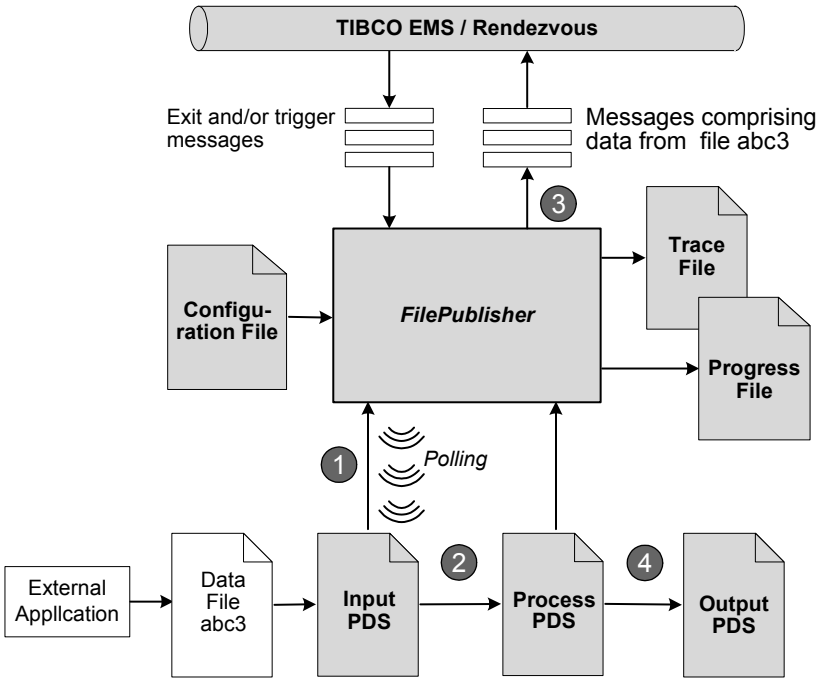
- Tracing
- Global options for the EMS/Rendezvous session and the File Adapter
- Anticipated subscribers for pre-registration
- File type
- Message configuration
- Desired record formats

Polling Method

The polling method supports only partitioned data sets (PDSs). In the polling method, FilePublisher does the following:

1. Polls the PDS and selects one or more files.
2. Moves the file(s) to a process PDS.
3. Publishes Rendezvous or EMS messages from data in the file(s).
4. Moves the file(s) to an output PDS or remove(s) the file(s) completely.

Figure 3 FilePublisher Workflow When Polling



Trigger-subject Method

The trigger-subject method supports:

- Partitioned data sets (PDSs)
- Sequential data sets (SEQs)
- Generation Data Set Groups (GDGs)
- Virtual Sequential Access Method (VSAM)

In the trigger-subject method, FilePublisher subscribes to a subject that triggers publishing.

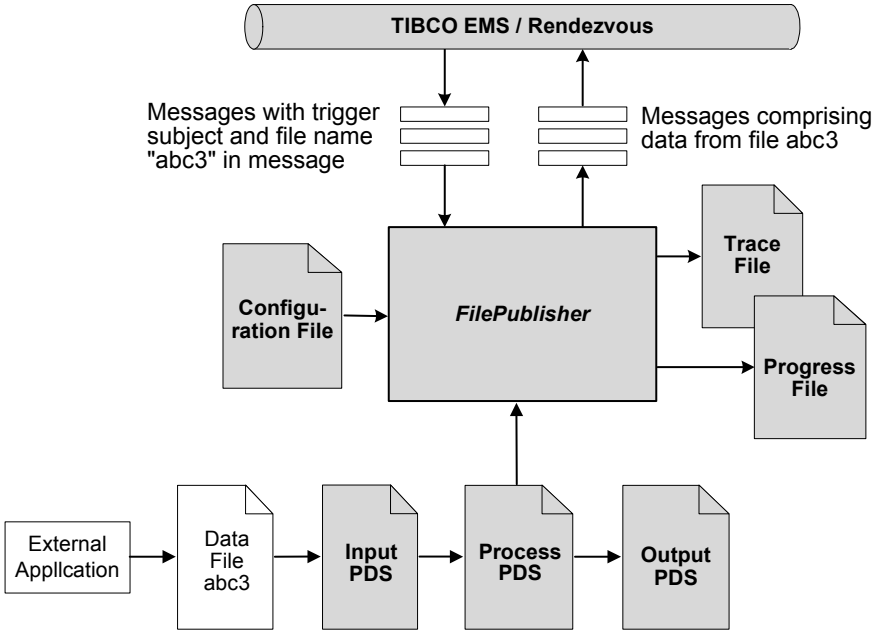
Trigger Subject for PDS Only

If the trigger subject contains a member name (file name) in the message, FilePublisher assumes the file is in the input data set and processes it:

a. FilePublisher moves the member to the process data set.

b. When publishing is complete, FilePublisher moves it to the output data set (see Figure 4).

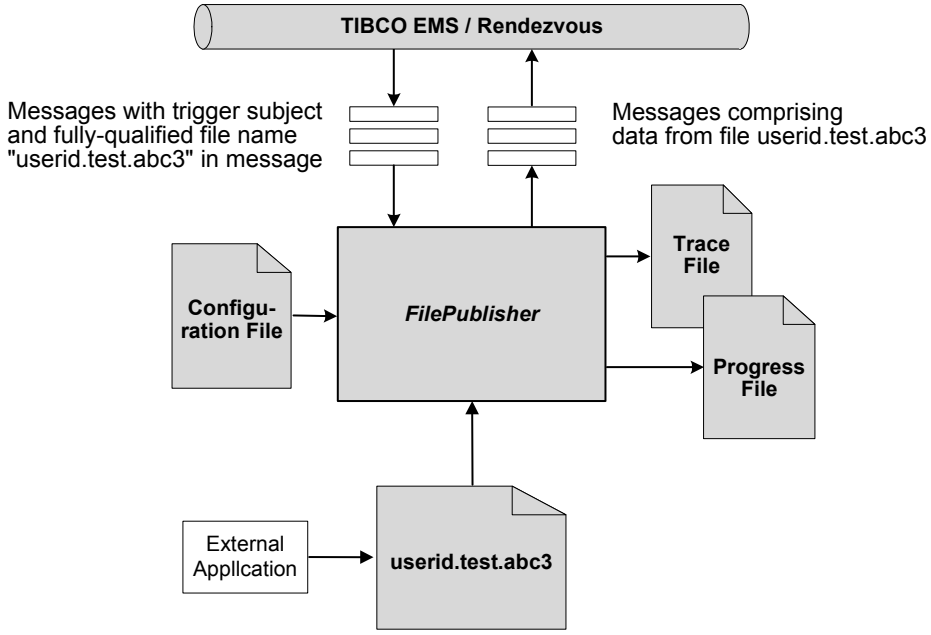
Figure 4 Using a Trigger Subject With the File Name in Message (PDS Only)



Trigger-Subject for PDS, SEQ, GDG, and VSAM

If the trigger subject contains a fully-qualified data set name in the message, FilePublisher publishes the file as is from its current location. The file is not moved after it is published (see Figure 5).

Figure 5 Using a Trigger Subject With a Fully-qualified Data Set Name



Progress File

Regardless of the method used, FilePublisher creates a progress file that can be used for viewing the status of file processing.

By convention, the publisher's progress file is named <*processDataset*>.PRG.

Block Transfer and Record Transfer Mode

Files can be read or written in block transfer mode or in record mode. Block transfer mode means that the file is read in blocks without regard to its record or field structure. The blocks of data are published and must be subscribed to in block transfer mode as well.

Adapter for Files z/OS supports both fixed-block (FB) and variable-block (VB) files. File attributes are obtained by the catalog lookup service embedded in the Adapter.

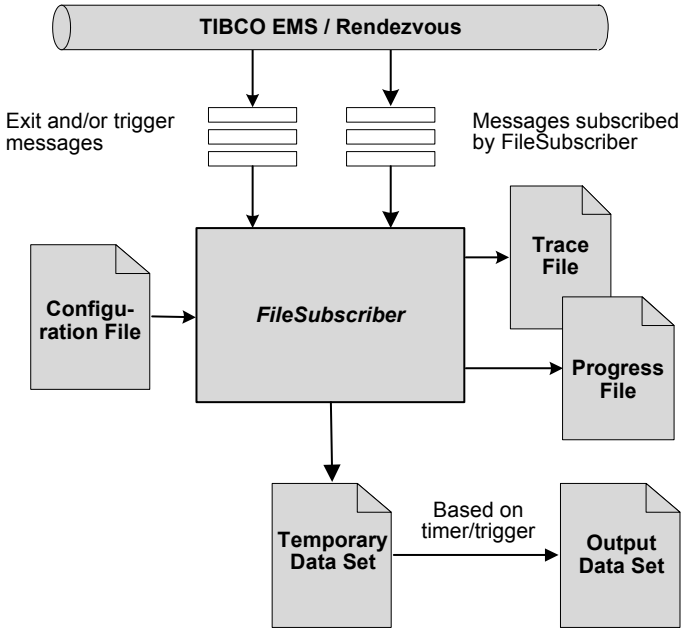
In addition, each of the above data transfer modes has a guaranteed and reliable mode, as follows:

- **Explicit Confirmation Mode (ECM)** – guaranteed mode for RV transport
- **Durable Subscribers** – guaranteed delivery for EMS transport

FileSubscriber

FileSubscriber listens for TIBCO EMS or Rendezvous messages on predefined subjects and generates output records to a data set. For each file type, FileSubscriber keeps the output in a temporary data set and maintains a progress file. There are two modes of operation listed under Output File Creation on page 11:

Figure 6 FileSubscriber Workflow



FileSubscriber supports only SEQ, GDG, PDS, or VSAM data sets for output. Process data sets (progress file and temporary data set) are always SEQ.

Configuring FileSubscriber

You can use the FileSubscriber configuration file to configure the following aspects of the subscriber. See FileSubscriber Configuration File on page 96 for a list of the sample configuration files and data sets available with the Adapter.

- Tracing
- Specifying a session type

- Support for RV Certified Messaging
- Support for ECM using RV messaging
- Support for appending the date and time to an output file name
- Subscribing to many subjects and writing to many files simultaneously, because it supports multiple subjects and multiple file types
- Generating output files automatically, based on receiving an EOF message or on the values of certain configuration parameters. For example, the Subscriber can be configured to create an output file if the number of messages received exceeds a certain number (`generateFileOnNumberofMessages`), or if the specified time period has elapsed (`saveFileInterval`).
- On error-restart, automatically recovering data and using any temporary files that were in use before the error-restart. Generating final output files using these files
- Support for multiple-line records so that a TIBCO EMS/Rendezvous message can generate several lines in an output file, if required
- Padding fields in an output file to the right or left, or separating fields by a delimiter
- Executing an external program before and/or after generating an output file, if required
- Publishing a header and/or a trailer message in the output file, if required
- Support for VSAM, Sequential data sets, GDGs, and partitioned datasets (PDSs).

Progress File

Regardless of the method used, FileSubscriber creates a progress file that can be used for viewing the status of file processing. By convention, the subscriber's progress file is named <*outputDataset*>.<*filePrefix*>.PRG.

Output File Creation

Output files can be generated using any one or combination of the following methods:

a. Auto-generate mode—FileSubscriber generates an output data set from the temporary data set based on a timer defined in the configuration file.

b. End-Of-File (EOF) message—FileSubscriber generates an output data set from the temporary data set when it receives an end-of-file message.

c. Generate on number of messages received. FileSubscriber generates an output data set when it has received a preconfigured number of messages.

Options a.) and c.) are mutually exclusive.

When using option a. or c., a new file will be generated when either the counter is reached or the timer goes off. To avoid overlaying the previous file generated, one can use one of these two parameters `appendDateTime`, `appendToExistingFile`.

Care must be taken if using option b.) in combination with the other options, as you could potentially lose data if the options are not configured correctly.

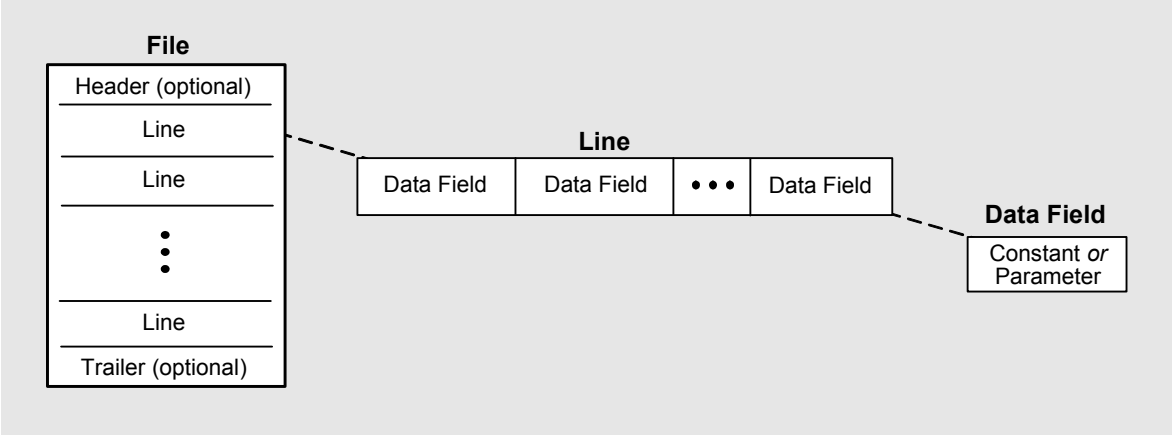
The GDG output files can also be used.

If automatic file creation is specified, then FileSubscriber writes an output file automatically depending on the timer interval you specify, or when the configured number of messages have been written.

You can generate an output file based on an end-of-file message. If you exercise this option, an output file is generated whenever FileSubscriber receives an end-of-file message on the `generateFileSubjectName`.

The format of an output file is shown in Figure 7.

Figure 7 Format of an Output File



Output File Naming

When FileSubscriber writes the output file, it adds the `filePrefix` parameter as the last qualifier to the output data set to derive the complete name of the output file.

If the `dataSetType` parameter is set for a GDG or sequential data set, the complete name of the output file is `outputDataset.filePrefix`.

If the `dataSetType` parameter is set for a VSAM data set, the output file name is the same as `outputDataset`. In contrast to the other two file types, there are no additions. This file is allocated prior to subscribing. The subscriber reads the catalog information (record length, key length, key offsets, file organization (KSDS, ESDS, RRDS), sharing info) from the MVS catalog services. The file name is generally the Cluster name. For KSDS VSAM file types, path name can also be specified. This enables subscription based on alternate keys.

You can also optionally append the system date and time to the file name by using the `appendDateTime` parameter. This option can only be used for sequential data sets.

Block Transfer and Record Transfer Mode

Files can be read or written in block transfer mode or in record mode. Block transfer mode means that the file is read in blocks without regard to its record or field structure. The data are published as blocks and must be subscribed to in block transfer mode as well.

TIBCO Adapter for Files for z/OS supports both fixed-block (FB) and variable-block (VB) files.

In addition, each of the above data transfer modes has a guaranteed and reliable mode, as follows:

- **Explicit Confirmation Mode (ECM)** – guaranteed mode for RV transport
- **Durable Subscribers** – guaranteed delivery for EMS transport

Explicit Confirmation Mode (ECM)

You can use TIBCO Adapter for Files z/OS to publish or subscribe to data using TIBCO Rendezvous RV (reliable), RVCM (certified messaging), or ECM (explicit confirmation mode). RV and RVCM modes are discussed in detail in the TIBCO Rendezvous documentation set.

ECM is available for communication between the Adapter and TIBCO ActiveMatrix Adapter for Files using RV, and between the Adapter and TIBCO Adapter for Files i5/OS.

This section discusses the following ECM-related topics:

- Introduction to ECM on page 14
- File Transfer Using ECM on page 15
- ECM Mode Error/Restart Handling on page 16
- Subjects Used by ECM on page 17

Introduction to ECM

ECM provides FTP-like functionality with error handling and recovery. While RVCM supports certified messaging, it can be slow when handling large data sets. ECM provides a simplified confirmation mechanism that is suitable for handling large data sets and allows the Adapter to handle data sets of any size.

RVCM versus ECM

By default, the Adapter uses TIBCO Rendezvous Certified Messaging (RVCM) to guarantee message delivery. With RVCM, all messages are held in the publisher's ledger file until they are confirmed by all subscribers. While RVCM guarantees message delivery, its major drawback is that it requires significantly more disk space and memory. RVCM works well in environments that do not require high volume data rates. Its main strength is that it sends messages asynchronously and handles confirmations in the ledger without the application having to deal with it.

In block transfer mode, the Adapter must support high volumes of data (files of 200MB or more), and its performance in transferring files is critical. If RVCM were used to transfer such large data sets, it would require an impractical and unfeasible amount of system resources. Also the data that the Adapter is publishing is already held on disk in the input file, so storing it again in the RVCM ledger adds significantly more overhead.

The following differences between ECM and RVCM are notable:

- With RVCM, since data is held in the ledger along with each subscriber's state, subscribers can confirm independently. However, with RVCM, slow consumers would grow FilePublisher's memory too much. In contrast, memory stays constant with ECM. The only trade-off is that all subscribers must confirm each block since the state is maintained per file type, not per subscriber.
- Since FilePublisher is aware of when the confirmations arrive, it can send the next set of blocks as soon as all the confirmations arrive. This significantly improves the performance of Explicit Confirmation Mode, and it can operate at the speed of the subscriber. In that scenario, the `transactionDelay` option in this mode does not dictate when FilePublisher publishes. It only determines the time to detect that a confirmation has not arrived. This is the case when `noWaitAfterConfirmations` is set to `true`.

ECM should not be used with RVCM.

ECM Protocol Basics

The Explicit Confirmation Mode for block transfer requires that each subscriber confirm each block message. The publisher sends out a set of blocks containing file data, and it does not send the next set until it has received confirmations from each subscriber. If the publisher does not receive a block confirmation within a specified time limit, the publisher resends the block message (or messages). This mechanism ensures that the process memory does not grow based on how fast the subscribers can process the data. Also, because the block data is already persisted in the input file and the publisher (FilePublisher) maintains its state, guaranteed delivery and recovery are achieved.

The following import and export subjects are used by ECM for the handshakes between Publisher and Subscriber:

- `_TIBCO_AE_ADAPTER_FAFT_SUBTOPUB.`*<endpoint subject name>*
- `_TIBCO_AE_ADAPTER_FAFT_PUBTOSUB.`*<endpont subject name>*

File Transfer Using ECM

ECM is well suited for transferring files without having to define schemas. Both publisher and subscriber must be set up to use ECM for successful transfer. The following two sections discuss in detail how publisher and subscriber interact. For information on setting up your adapter for ECM, see Setting FilePublisher for Explicit Confirmation Mode (ECM) on page 80 and Setting FileSubscriber for Explicit Confirmation Mode on page 134.

Publication Service

A publication service in ECM performs the following tasks:

- Upon starting for the first time, the publication service sends out an administration message to ECM subscribers prespecified in its configuration file. This process is initiated only when the publication service starts for the first time.
- Upon restart, the active configuration information is retrieved from the progress file. Resynchronized handshakes are performed as needed to re-establish communication between the publisher and its subscribers.
- When any inactive subscription service requests activation, the publication service marks the subscription service to be activated on a new file boundary.

Subscription Service

A subscription service in ECM performs the following tasks:

- Upon starting the subscription service for the first time, the subscriber waits for an administration message from the publisher. Once the handshake has been established, the subscription service creates a progress file.

Do not tamper with the progress file.

- When a subscription service is restarted, it uses the progress file it previously created and proceeds.
  - If a file transfer was previously active, the subscription service continues from where it left off.
  - If no file transfer is active, the subscription service waits for an administration message from the publisher and starts receiving file transfers on a new file boundary.

ECM Mode Error/Restart Handling

Publication Service Error Handling

The publisher keeps track of the last block published in the progress file for restart purposes.

When the Adapter encounters an error, it publishes a message using the error subject established in the configuration file (`ERROR_SUBJECT`).

Subscription Service Error Handling

The subscriber keeps track of the last block of data received and written in the progress file for restart purposes.

When a subscription service detects an error (such as out of disk space) in the middle of a file transfer, the subscription service converts the working file to an error file.

When the Adapter encounters an error, it publishes a message using the error subject established in the configuration file (`ERROR_SUBJECT`).

Subjects Used by ECM

The ECM administration messages between the publication and subscription services are exchanged with the following subject names:

- `_TIBCO_AE_ADAPTER_FAFT_PUBTOSUB.`*<endpoint subject name>*
- `_TIBCO_AE_ADAPTER_FAFT_SUBTOPUB.`*<endpont subject name>*

Administrators can listen to these subjects at runtime.

BusinessEvents™ Messages

TIBCO Adapter for Files z/OS can provide business-event level notifications for TIBCO BusinessEvents.

To configure TIBCO Adapter for Files z/OS to create business-event messages, include the following element in the Options section of the FileSubscriber and FilePublisher configuration files:

```
EEM_SUBJECT = "destination_subject_name"
```

where *destination_subject_name* is the destination to which the event messages should be routed.

JMS Overview

Java Message Service 1.1 (JMS) is a Java framework specification for messaging between applications. Sun Microsystems developed this specification, in conjunction with TIBCO and others, to supply a uniform messaging interface among enterprise applications.

Using a message service allows you to integrate the applications within an enterprise. Message-oriented-middleware (MOM) creates a common communication protocol between these applications and allows you to easily integrate new and existing applications in your enterprise computing environment.

JMS is based on creation and delivery of messages. Messages are structured data that one application sends to another. The creator of the message is known as the *producer* and the receiver of the message is known as the *consumer*. The TIBCO EMS server acts as an intermediary for the message and sends it to the correct destination. The server also provides enterprise-class functionality such as fault-tolerance, message routing, and communication with other messaging systems, such as TIBCO Rendezvous™ and TIBCO SmartSockets™.

The diagram below illustrates an application producing a message, sending it by way of the server, and a different application receiving the message.

Figure 8 Message Delivery

JMS supports two messaging models:

- Point-to-point (queues)
- Publish and subscribe (topics)

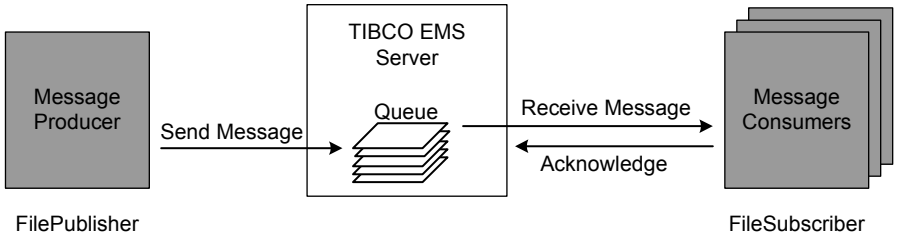
Point-to-Point Messaging

Point-to-point messaging has one producer and one consumer per message. This style of messaging uses a *queue* to store messages until they are received. The message producer sends the message to the queue; the message consumer retrieves messages from the queue and sends acknowledgement that the message was received.

More than one producer can send messages to the same queue, and more than one consumer can retrieve messages from the same queue. The queue can be configured to be exclusive, if desired. If the queue is exclusive, then all queue messages can only be retrieved by the first consumer specified for the queue. Exclusive queues are useful when you want only one application to receive messages from a specific queue. If the queue is not exclusive, any number of receivers can retrieve messages from the queue. Non-exclusive queues are useful for balancing the load of incoming messages across multiple receivers. Regardless of whether the queue is exclusive or not, only one consumer can ever retrieve each message that is placed on the queue.

The diagram below illustrates point-to-point messaging using a non-exclusive queue. Each message consumer receives a message from the queue and acknowledges receipt of the message. The message is taken off the queue so that no other consumer can receive it.

Figure 9 Point-to-point messages



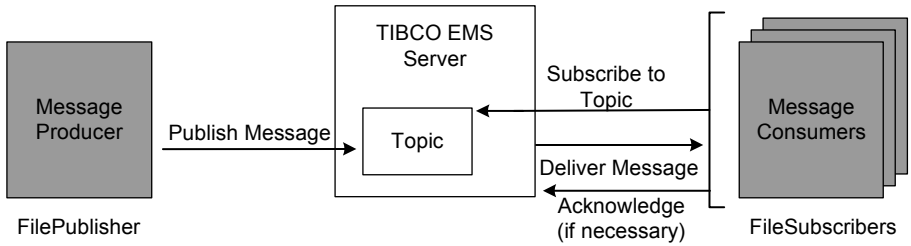
Publish and Subscribe Messaging

In a publish and subscribe message system, producers address messages to a topic. In this model, the producer is known as a *publisher* and the consumer is known as a *subscriber*.

Many publishers can publish to the same topic, and a message from a single publisher can be received by many subscribers. Subscribers subscribe to topics, and all messages published to the topic are received by all subscribers to the topic. This type of message protocol is also known as *broadcast* messaging because messages are sent over the network and received by all interested subscribers, similar to how radio or television signals are broadcast and received.

The diagram below illustrates publish and subscribe messaging. Each message consumer subscribes to a topic. When a message is published to that topic, all subscribed consumers receive the message.

Figure 10 Publish and subscribe messages



There can be a time dependency in the publish and subscribe model. By default, subscribers only receive messages when they are active. If messages are delivered when the subscriber is not available, the subscriber does not receive those messages. JMS specifies a way to remove part of the timing dependency by allowing subscribers to create durable subscriptions. Messages for durable subscriptions are stored on the server until the message expires or the storage limit is reached. Subscribers can receive messages from a durable subscription even if the subscriber was not available when the message was originally delivered.

Controlling the Flow of Messages

You can control the flow of messages to a destination. This is useful when message producers send messages much faster than message consumers can receive them.

JMS Message Structure

JMS messages have a standard structure. This structure includes the following sections:

- Header (required)
- Properties (optional)
- Body (optional)

The JMS specification details a standard format for the header and body of a message. Properties are provider-specific and can include information on specific implementations or enhancements to JMS functionality. The Adapter supports the following property:

Property	Description
`JMS_TIBCO_COMPRESS`	Senders may set this property to request that EMS compress the message before sending it to the server.
`JMS_TIBCO_DISABLE_SENDER`	Senders may set this property to prevent the EMS server from including the sender name in the message when the server sends it to consumers.
`JMS_TIBCO_PRESERVE_UNDELIVERED`	Specifies the message is to be placed on the undelivered message queue if the message must be removed.
`JMS_TIBCO_MSG_TRACE`	Specified in the `FILE_OPTIONS` element of the FileType section of the FilePublisher and FileSubscriber configuration files. Valid values are 'body' and 'null' • When `body` is specified, the entire EMS message is tracked on the EMS server. • When `null` is specified, only the header of the message is tracked. See the EMS documentation for additional information on properties.

The JMS standard specifies two delivery modes for messages, `PERSISTENT` and `NON_PERSISTENT`. TIBCO EMS also includes `RELIABLE_DELIVERY`. This delivery mode eliminates some of the overhead associated with the other delivery modes.

For consumer sessions, you can also specify that consumers do not need to acknowledge receipt of messages, if desired.

More information about properties specific to TIBCO EMS can be found in the *TIBCO Enterprise Message Service Java API Reference*.

Chapter 2 Installation

This chapter explains how to install the TIBCO Adapter for Files z/OS (MVS) software.

Topics

Installation Requirements

Before starting the installation procedure, review the topics in this section to verify that your system meets the basic requirements and that you have the prerequisite software installed.

Storage Requirements

TIBCO Adapter for Files z/OS software requires approximately 10 cylinders of Direct-Access Storage Device (DASD) space.

Software Requirements

TIBCO Adapter for Files z/OS runs in a native z/OS environment.

- IBM z/OS versions 1.8 through 1.11
- TIBCO Rendezvous version 8.2.0
- TIBCO EMS version 5.1.5

Distribution Media and Contents

The most convenient way to obtain a copy of TIBCO Adapter for Files z/OS software is to download it directly from the TIBCO web site, or obtain the product on a CD. If requested, TIBCO Software Inc. can provide a standard 3480 tape cartridge. The software is distributed in IBM XMIT format. If your site does not have DFSMSdss, you need a CD or tape to perform the installation.

Complete Replacement Package

By default, Adapter for Files z/OS software is delivered as a non SMP/E stand-alone, base function package. Subsequent modifications and updates are supplied as modules that can be installed independently as necessary.

Component Code

Adapter for Files z/OS is identified by a 3-character code that has been registered with the IBM product codes division. For installation, the following code is used:

SXF	TIBCO Adapter for Files z/OS (MVS)

Obtaining the Installation Media

Downloading from the Web Site

To download Adapter for Files z/OS software from the TIBCO web site, follow these steps:

1. Contact TIBCO Software Inc. for a password, directory information, and so on.
2. Connect to the TIBCO Software web site with the required information.
3. Download the appropriate files, which are in the standard IBM XMIT format.

Installation Files for z/OS Version 1.6

There are versions of the installer for DFSMS and non-DFSMS use.

Download this file for an install that will use DFSMS:

```
TIB_fa_4.7.0_zos16.mvs.xmit.zip
```

The zip file contains:

```
TIB_fa_4.7.0_zos16.mvs.xmit.inst
TIB_fa_4.7.0_zos16.mvs.xmit.main
```

Download this file for an install that will not use DFSMS:

```
TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.zip
```

The zip file contains:

```
TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.skel
TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.rvcntl
TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.proc
TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.load
TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.jcl
TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.inst
TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.emscntl
TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.data
```

Requesting a CD or Cartridge

If you do not want to download the software over the network, you can obtain a CD or cartridge containing the software and load it directly onto your system. The minimum time period for delivery of a cartridge is five working days. Contact TIBCO Software Inc. via email at:

fulfillment@tibco.com

and request the desired media for your environment.

Cartridges

Volume Serial (VOLSER) information is labelled as a 3-character component code and a 3-digit release information, e.g. SXF470. See Component Code on page 27.

TIBCO Adapter for Files z/OS Installation Overview

Before installing, read the installation requirements and identify the files necessary for your installation. Refer to Obtaining the Installation Media on page 28.

By using the file tailoring CLISTs supplied as part of the installation, the JCL and parameter changes to be performed by the user is kept to a minimum.

Adapter for Files z/OS installation provides default values for system and data configuration parameters. For a first installation of the product, using these defaults provides for easier startup, connectivity and message flow testing.

The following steps show an overview of the installation:

1. Upload/unload the Adapter for Files z/OS `XMIT` files to your host.
2. `RECEIVE` the installation `XMIT` file containing installation JCL, CLISTS and parameters.
3. Customize the installation JCL using installation file tailoring CLIST(s)
4. `RECEIVE` the Adapter for Files z/OS `XMIT` files
5. Customize the Adapter for Files z/OS execution JCL's, parameters, and so forth by using the file tailoring CLIST.
6. Perform the installation update which populates the Adapter for Files z/OS system files from temporary installation files.
7. Customize any Adapter for Files z/OS specific parameters and network connectivity requirements

When you have completed these steps, Adapter for Files z/OS should now be customized and ready for use.

Conclude the installation by running the Installation Verification Program (IVP) tests relevant for your environment. Running the IVP ensures that the Adapter for Files z/OS components, Publisher and Subscriber, are correctly installed and functional.

The following table lists the major tasks involved in installing the Adapter for Files z/OS software and verifying the installation. For each task, the table supplies a pointer to the section in the manual where the task is discussed. Make a check mark in the Check box during installation to keep track of your progress.

Task	Check?
Obtain the software for Adapter for Files z/OS.	
Install Adapter for Files z/OS, as discussed in this chapter.	
Test the Adapter. See Testing the Adapter on page 37	
Execute the supplied Installation Verification Program (IVP) to ensure all entities and tasks have been successfully installed and operational.	

Uploading the Software

If you have acquired the Adapter for Files z/OS software by downloading it from the TIBCO web site, you will need to upload the software to the z/OS MVS host system using the FTP file transfer utility. The sample JCL below illustrates the statements needed to perform this file transfer.

Initial Installation

Sample JCL for an FTP Upload of DFSMS Files

The sample JCL illustrates the process, using IBM's FTP to copy TIBCO Adapter for Files z/OS installation file(s) from a LAN server or PC to the z/OS MVS host. The maximum length that can be used for #USERHLQ is 19 characters.

```
//#JOBNAME JOB (&SYSUID),'FileAdapter FTP',CLASS=A
//*
// SET FTPADDR=10.10.2.99   < IP Address or Host Name
//*
//FTP EXEC PGM=FTP,REGION=0M,PARM='&FTPADDR (TIMEOUT 20'
//SYSPRINT DD SYSOUT=*
//OUTPUT DD SYSOUT=*
//SYSTCPD DD DISP=SHR,DSN=TCPIP.PROFILE(FTPDATA)  < Host Member
//INPUT DD *
<lan-userid>
<lan-password>
cd /<lan-file-dir>
binary
LOCSITE RECFM=FB LRECL=80 BLKSIZE=27920 CYL PRI=2 SEC=1
get TIB_fa_4.7.0_zos16.mvs.xmit.inst '#USERHLQ.XMIT.INST' (REPLACE
LOCSITE RECFM=FB LRECL=80 BLKSIZE=27920 CYL PRI=15 SEC=2
get TIB_fa_4.7.0_zos16.mvs.xmit.main '#USERHLQ.XMIT.MAIN' (REPLACE
quit
/*
//
```

Sample JCL for an FTP Upload of non-DFSMS files

The sample JCL illustrates the process, using IBM's FTP to copy TIBCO Adapter for Files z/OS installation file(s) from a LAN server or PC to the z/OS MVS host. The maximum length that can be used for #USERHLQ is 19 characters.

```
//#JOBNAME JOB (&SYSUID),'FileAdapter FTP',CLASS=A
//*
// SET FTPADDR=10.10.2.99 < IP Address or Host Name
//*
//FTP EXEC PGM=FTP,REGION=0M,PARM='&FTPADDR (TIMEOUT 20'
//SYSPRINT DD SYSOUT=*
//OUTPUT DD SYSOUT=*
```

```
//SYSTCPD DD DISP=SHR,DSN=TCPIP.PROFILE(FTPDATA) < Host Member
//INPUT DD *
<lan-userid>
<lan-password>
cd /<lan-file-dir>
binary
LOCSITE RECFM=FB LRECL=80 BLKSIZE=27920 CYL PRI=15 SEC=2
get TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.load +
  '#USERHLQ.XMIT.LOAD' (REPLACE
LOCSITE RECFM=FB LRECL=80 BLKSIZE=27920 CYL PRI=2 SEC=2
get TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.data +
  '#USERHLQ.XMIT.DATA' (REPLACE
get TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.emscntl +
  '#USERHLQ.XMIT.EMS.CNTL' (REPLACE
get TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.inst +
  '#USERHLQ.XMIT.INST' (REPLACE
get TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.jcl +
  '#USERHLQ.XMIT.JCL' (REPLACE
get TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.proc +
  '#USERHLQ.XMIT.PROC' (REPLACE
get TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.rvcntl +
  '#USERHLQ.XMIT.RV.CNTL' (REPLACE
get TIB_fa_4.7.0_zos16.mvs.xmit.nodfs.skel +
  '#USERHLQ.XMIT.SKEL' (REPLACE
quit
/*
//
```

Sample JCL for Tape/Cartridge Unload

```
//#JOBNAME JOB (&SYSUID),'UNLOAD TAPE',CLASS=A,MSGLEVEL=(1,1)
//*
// SET USERHLQ=#USERHLQ
// SET USERVOL=#USERVOL
//*
//*   COPY THE XMIT FILE(S) FROM 3480 TAPE TO DISK
//*
//XMITINST EXEC PGM=IEBGENER
//SYSPRINT DD  SYSOUT=*
//SYSUT2   DD  DSN=&USERHLQ..XMIT.INST,VOL=SER=&USERVOL,
//             DCB=(DSORG=PS,RECFM=FB,LRECL=80,BLKSIZE=27920),
//             DISP=(NEW,CATLG,DELETE),SPACE=(TRK,(2,1),RLSE)
//SYSUT1   DD  DISP=SHR,DSN=TIBCO.SXF.INST.XMIT,
//             LABEL=(1,SL),VOL=(,RETAIN,SER=SXS210),UNIT=TAPE
//SYSIN    DD  DUMMY
//*
```

Receiving the Initial Installation File

This step always needs to be performed during a Adapter for Files z/OS initial installation on the MVS Host.

The `<USERHLQ>.XMIT.INST` file contains the JCL that is required to receive other files and to create the appropriate libraries for Adapter for Files z/OS. To complete this process, you must substitute the appropriate site-specific user values for the TIBCO supplied variables.

Follow these steps:

1. From the ISPF Command Shell Panel, type the following command to receive a file containing the JCL required to begin a first time installation:
   `receive inda('<USERHLQ>.XMIT.INST')`

   TSO will prompt with the following:
   `INMR906A Enter restore parameters or 'DELETE' or 'END' +`
2. Supply the following:
   `DA('<USERHLQ>.INSTALL')`

   After a successful receive, the following message is displayed:
   `INMR001I Restore successful to dataset '<USERHLQ>.INSTALL'`

The data set name supplied in Step 2 is output and populated with the members that are required in order for you to continue with the installation.

TIBCO Adapter for Files z/OS MVS Installation Procedure

Perform the following steps to install the MVS components for Adapter for Files z/OS.

All members reside within the `<USERHLQ>.INSTALL` dataset.

Edit the selected members listed in the steps below. Substitute the variables, follow any instructions that are contained in the member and then submit the JCL for execution.

STEP 1: **Make CLIST temporary file.**

Change the *#JOBNAME*, *#USERHLQ*, *#USERVOL* statement variables according to your sites requirements.

Member: `SXF$1MKT`

STEP 2: **Execute File Tailoring clist for installation JCL.**

If an error is made during input, press the attention key (PA1) and execute starting at step 1 again.

Member: `SXF$2EX1` (`EX` member)

File Tailoring Variables for Installation JCL

Variable	Default and structure	User Value
USERHLQ	TIBCO.SXF.VxRxMx	
VOLSER Volume Serial	TIB999	
JOBNAME	SXFAZ First 5 characters	
RVHOST	HOST	
RVPORT	7500	
EMSHOST	HOST	

Variable	Default and structure	User Value
EMSPORT	7222	

STEP 4: **Create the required datasets for installation.**

Member: `SXF$4MKD`

STEP 5: **Receive the main XMIT file.**

Member:

For A DFSMS install use:

`Member: SXF$4REC`

For a non-DFSMS install use:

`Member: SXF@4REC`

STEP 6: **Execute file tailoring clist for installation JCL.**

If an error is made during input, press the attention key (PA1) and execute starting at step 1 again.

Member: `SXF$5EX2`

File Tailoring Variables for Installation JCL

Variable	Default and Structure	User Value
TCP PARMS DATASET	Name of the tcpparms dataset Default: TCPIP.TCPIVP.TCPPARMS	
MEMBER	Member name in the TCP PARMS dataset. Default: TCPDATA	

STEP 7: **Execute JCL to copy the IVP programs and data, and cleanup temporary datasets.**

Member: `SXF$8UPD`

Testing the Adapter

Sample configuration files for FilePublisher and FileSubscriber and sample data files for testing the installation of the Adapter are provided in the Adapter software package. This section explains how to the test the Adapter using these sample configuration files after you have installed adapter software:

- Starting the Adapter on page 37
- Checking for Heartbeat Messages on page 37
- Stopping the Adapter on page 37
- Checking the Trace Logs on page 38

For additional information on starting and stopping the Adapter, see Chapter 4, Starting and Stopping the Adapter.

Starting the Adapter

Follow the instructions in `JCL(@README)` to run the samples.

If you have opted in the configuration files for standard output of trace messages, you can monitor the jobs and also check the `SYSPRINT` log.

Checking for Heartbeat Messages

If the Adapter components are successfully installed and started as described under Starting the Adapter on page 37, they are not configured to publish heartbeat messages. To publish heartbeat messages, un-comment the parameters `PUBLISH_HEARTBEAT` and `HEARTBEAT_TIME` by removing `#` characters before the keyword. If you have not changed the Adapter name in the configuration files yet, you can listen to the following heartbeat messages:

From the FilePublisher: `_FILEADAPTER.TEST_FILE_PUB_xxx.HEARTBEAT`

from the FileSubscriber: `_FILEADAPTER.TEST_FILE_SUB_xxx.HEARTBEAT`

Stopping the Adapter

To stop the FilePublisher and FileSubscriber follow instructions in `JCL(@README)`.

Checking the Trace Logs

Both FilePublisher and FileSubscriber create trace logs in the data sets specified in their respective configuration files depending on the chosen trace level. You can browse these trace logs for any error, warning, or trace messages.

Examples of trace logs from a successful session and a failed session are shown in Appendix B, Trace Log Examples.

More configuration files and data files are supplied along with adapter software for your reference. For more information about these files see FilePublisher Configuration File on page 44.

Chapter 3 Configuring the Adapter

This chapter describes the choices you have for configuring the Adapter and how to create the required configuration files.

Topics

Supported File Types and Data Types

The adapter supports the following data set types on z/OS. They are discussed in more detail below:

- Partitioned Data Sets (PDS) on page 40 (Partitioned Data Set)
- Generation Data Group (GDG) on page 40 (Generation Data Set Group),
- Sequential Data Sets (SEQ) on page 41 (Sequential Data Set),
- Virtual Storage Access Method (VSAM) Data Sets on page 41(Virtual Sequential Access Method).

The following sections discuss considerations you must take into account when configuring the Adapter for these data set types. This section also discusses the COBOL numeric data types the Adapter supports in COBOL Numeric Data Types, page 41.

Partitioned Data Sets (PDS)

- The names of the FilePublisher input, process, and output data sets must be a PDS name, for example `TIBFA.TEST.IN`.
- If more than one PDS file type is used in the configuration file, you should override the input, process, and output data sets within each file type with unique PDS names.
- Polling is only supported for PDS. FilePublisher uses the `filePrefix` parameter as a partial name, and checks the PDS for members that match the prefix. Any member name that matches the prefix is treated as an input file for publishing.

Generation Data Group (GDG)

- Only the trigger-subject method can be used for publishing GDGs.
- File names that are passed in the trigger subject name are used as is. For example, for the most recent generation (0th generation) data file in a GDG, the file name can be specified as `MYGDG(0)`. If no generation number is specified, the publisher reads the entire family of the GDG.
- The date and time are not appended to a final output file name by FileSubscriber.

Sequential Data Sets (SEQ)

- Only the trigger-subject method can be used for publishing sequential data sets.
- File names that are passed in the trigger subject name are used as is.

Virtual Storage Access Method (VSAM) Data Sets

- Only the trigger-subject method can be used for publishing VSAM files.
- The date and time are not appended to a final output file name by FileSubscriber (unlike Sequential file types).
- FileSubscriber does not use the `filePrefix` flag when writing VSAM files.
- FileSubscriber can only write data to an output VSAM file if the VSAM file has been allocated before subscribing.
- A VSAM file can only be published if the file name in the trigger message matches either the `inputDataset` or one of the `vsamAltIndex` filenames listed in the configuration file.
- FileSubscriber cannot subscribe to VSAM files defined with the REUSE option.

COBOL Numeric Data Types

The adapter supports the following COBOL numeric (non-text) data types. All types are supported by both publisher and subscriber.

- **Zoned Decimal**. In this type, the rightmost four bits of a byte are called the numeric bits (N) and normally consist of a code representing a decimal digit. The leftmost four bits of a byte are called the zone bits (Z), except for the rightmost byte of a decimal operand, where these bits may be treated either as a zone or as a sign (S).
- **Binary** (COMP and COMP-4). A binary type occupies 2, 4, or 8 bytes of storage and is handled for arithmetic purposes as a fixed-point number with the leftmost bit being the operational sign.
- **Packed Decimal** (COMP-3). In this type, each byte contains two decimal digits (D), except for the rightmost byte, which contains a sign to the right of a decimal digit.
- **COMP-1**. This is a 4-byte single-precision, floating point number. COMP-1 fields do not require a precision definition tag.

- **COMP-2**. This is an 8-byte double-precision, floating point number. COMP-2 fields do not require a precision definition tag.

Precision

The precision of a field is defined as its length and number of decimals. Precision is specified for a field by using the "precision" tag. The format is `precision="n,p"` where `n` represents the number of digits for the number including decimals, and `p` represents the number of decimals.

Field Lengths

The length of a field in a record depends on two factors, the field's numeric format and the precision specified.

Zoned Type Zoned numbers occupy 1 byte of storage for each numeric digit specified.

Binary Type Binary numbers occupy 2, 4, or 8 bytes of storage, depending on the precision specified.

- 2 bytes: n from 1 to 4
- 4 bytes: n from 5 to 9
- 8 bytes: n from 10 to 18

Packed Type Packed numbers occupy from 1 to 15 bytes of storage. The number of bytes is determined from the formula n/2 + 1. For example, a field with `precision="7,2"` would occupy 4 bytes of storage.

Sending and Receiving COBOL Numeric Data Types

When sending records from the Publisher with Packed Decimal fields (COMP-3), the message item description should set the type to either COMP-3 or PACKED. The packed data will be automatically converted to 8-byte floating point DOUBLE on the wire, unless the convertToString option is used. A convertToString="true" will cause the packed data to be converted into a DISPLAY format, sent as STRING on the wire. This avoids any loss of precision and rounding that can occur if FLOAT is used to represent decimal numbers. Sample definitions are shown below:

Sent as DOUBLE:

```
messageItem = { position="4", precision="7,2",
                label="ITEM-PRICE", type="COMP-3" },
```

Sent as STRING:

```
messageItem = { position="4", precision="7,2",
                label="ITEM-PRICE", type="COMP-3",
```

```
                    convertToString="true" },
```

When sending records with COMP-1 FLOAT, you may set the type field to COMP-1 or FLOAT. When sending COMP-2 DOUBLE, you may set the type field to COMP-2 or DOUBLE. When sending BINARY fields, you can either set the type field as SHORT (2 byte), INTEGER (4 byte) or LONGLONG (8 byte), or you may set the type field to BINARY or COMP, and explicitly set the length using the precision field as described above.

When receiving records at the Subscriber, Packed Decimal field (COMP-3) message descriptions should match what was sent from the Publisher. If the Publisher sent the data on the wire as DOUBLE, the type field should be set to DOUBLE, and the convertTo option must be used, and set to COMP-3 or PACKED. If the Publisher sent the data on the wire as STRING, the type field should bet set to STRING, and the convertTo option must be used, and set to COMP-3 or PACKED. Sample definitions are shown below:

Sent as DOUBLE:

```
field = { fieldStart="4", precision="7,2",
          value="ITEM-PRICE", type="DOUBLE",
          convertTo="COMP-3" },
```

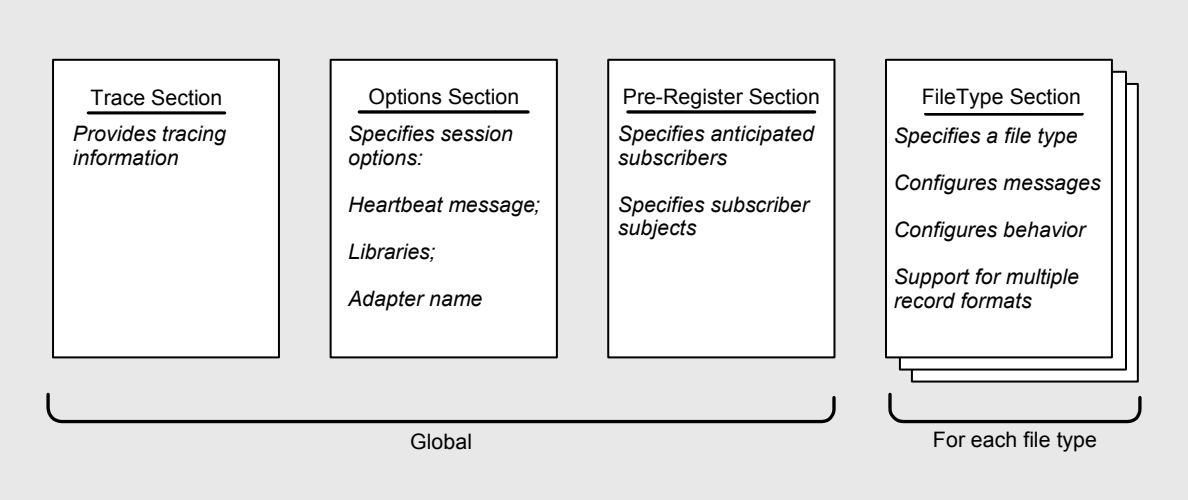
Sent as STRING:

```
field = { fieldStart="4", precision="7,2",
          value="ITEM-PRICE", type="STRING",
          convertTo="COMP-3" },
```

FilePublisher Configuration File

The FilePublisher configuration file contains four sections: Trace, Options, Pre-Register, and one or more FileType sections.

Figure 11 Sections of a FilePublisher Configuration File



Detailed information about each section can be found using the table below:

Section
Trace Section on page 46
Options Section on page 49
Pre-Register Section on page 56
FileType Section on page 56

Element Syntax

Each section consists of elements; elements consist of parameters surrounded by curly brackets. Each parameter has either a value or consists of tags, surrounded by curly brackets.

For example, the `FILE_OPTIONS` element shown below consists of parameters with values:

```
FILE_OPTIONS = { filePrefix="ft1",
                 useFilePolling="true", pollInterval="5000",
                 datasetType="PDS",
                  ....
               }
```

The `MESSAGE_FIELDS` element shown below consists of parameters that have as their value a set of tags with values.

```
MESSAGE_FIELDS = {
   messageItem = { location="1", label="PartNo", type="STRING" },
   messageItem = { location="2", label="Desc", type="STRING" },
   ...
```

Enclose each element, parameter set, and tag set in curly brackets {}, as illustrated in the examples.

JCL Consideration

Publisher or subscriber programs can locate the configuration file in the following two ways:

- Both programs can identify the `INI` file either through the `PARM=` or `DD` name.
- If the `INI` file is not specified in the `PARM=` parameter on the `EXEC` card, then the programs locate the `INI` file using the `DD name //INIFILE`.

Trace Section

You use the Trace section to control the tracing behavior of FilePublisher. This should be the first section in the configuration file. The elements specified in this section are listed below; all are required (except those used at the request of TIBCO Support).

Element	Description
FILE_COUNT	Specifies how many log files to keep. Each saved old log file name has a number from 1 to the FILE_COUNT value minus 1 suffixed to it. For example, if FPLOG is specified as the FILE_NAME, then the latest saved old log file is named FPLOG1. If FILE_COUNT is set to 5, then there will be four saved log files, named FPLOG1 through FPLOG4.
FILE_LIMIT	Specifies the size of the log file in bytes. When this limit is exceeded, the current log file is saved, and a new log file is created.
FILE_NAME	Identifies the log file to be used for trace messages. This must be a sequential data set. If the data set does not exist, then FilePublisher creates one.
PRINT_STDOUT	Specifies whether to send the trace messages also to the standard output (STDOUT) of the job log. If set to true , trace messages are placed in the job log, as well as written to a log file. If set to false, trace messages are written only to a log file.
TRACE_EMS_EPM_ERROR_MSGS	Specifies if JMS tracing should be enabled for ERROR or EPM messages when using EMS. Valid values are none, epm, error, both. Default is none. A value of EPM will turn on JMS Message body tracing for all EPM messages sent by the Adapter to the EEM_DESTINATION. A value of error will turn on JMS Message body tracing for all ERROR messages sent by the Adapter to the ERROR_DESTINATION. A value of both will turn on JMS Message body tracing for all EPM and ERROR messages sent by the Adapter.
TRACE_EMS_HEARTBEAT_MSGS	Specifies if JMS tracing should be enabled for HEATBEAT messages when using EMS. Valid values are true, false. Default is false. A value of true will turn on JMS Message body tracing for all Heartbeat messages sent by the Adapter.
TRACE_HEAP	Used for diagnostic tracing in cases of memory exhaustion. Only used at the request of TIBCO Support. Valid value: true

Element	Description
TRACE_LEVEL	Specifies the kind of information that FilePublisher should log. FilePublisher generates trace messages according to a trace level (1, 2, or 3) that you specify with this element. • **Trace level 1** generates the following session-level messages: — Initialization of TIBCO Rendezvous, including the version number — TIBCO Rendezvous sessions created — Poll timers and publish trigger subjects set for each file type — Initialization of TIBCO EMS session created — Publish trigger destinations for each file type • **Trace level 2** generates level 1 messages plus all the values loaded from the config file as below: — All values loaded from the Options section of the configuration file — All values loaded from the Pre-Register section of the configuration file — All values loaded from the FileType sections of the configuration file • **Trace level 3** generates level 1 and 2 messages plus the following field-related messages: — Field processing information (label type, etc.) — Certified Messaging publisher information (name, sequence number, etc.) — Message buffer reallocation — Traces all key I/O Open/Close actions against S/390 files — Traces flow through key publishing modules — Traces flow of re-Publishing requests • **Trace level 4** for detailed tracing. Usually used only at the request of TIBCO Support. — Traces detailed I/O calls for reading/writing data. — Traces detailed processing of Container fields

Element	Description
TRACE_LEVEL *(Contd)*	• **Trace level 5** for detailed tracing. Usually used only at the request of TIBCO Support. — Traces all TIBCO RV and EMS received message callbacks • **Trace Level 6** generates level 1 through 5 messages. Usually used only at the request of TIBCO Support. — Traces all detailed Timer callbacks used for handling ECM Admin messages, Re-Publish Messages, File Lock retry, HeartBeat Messages, etc. • **Trace Level 10** generates Level 1 through 6 messages. Usually used only at the request of TIBCO Support. — Detailed trace of all TIBCO RV and EMS message allocates and frees — Detailed trace of Heap usage during message processing • **Trace Level 15** generates Level 1 through 10 messages. Usually used only at the request of TIBCO Support. — Detailed message content trace (traces the actual contents of the messages, up to 32K bytes)
TRACE_ SWITCHES	Special trace switches used by TIBCO support. Do not set this unless explicitly told to by TIBCO support. Valid values are an 8 byte text string. Default is NNNNNNNN.
UNIT_TRACE	Allows non-SMS (System-Managed Storage) sites to specify the associated UNIT parameter to be used with the VOLSER for trace (.LOG) files. See VOLSER_TRACE, below.
VOLSER_TRACE	Allows non-SMS (System-Managed Storage) sites to specify a specific MVS volume (or set of volumes) to be used for storing trace (.LOG) files. Must be used with the UNIT_TRACE element. See UNIT_TRACE, above.

Element	Description

TZ	Sets the timezone to be used in calculating local times for trace messages and EEM messages. Valid values:
	• PST8PDT -- Pacific Standard Time
	• MST7MDT -- Mountain Standard Time
	• CST6CDT -- Central Standard Time
	• EST5EDT -- Eastern Standard Time
	When using the TZ setting, certain installation defaults may cause it to be ignored by OMVS. If this occurs, you will need to change the defaults in the EDCLOCTZ macro (which requires an assembly and re-link), which changes the TZ defaults system-wide. Alternatively, you can temporarily override the system defaults for the FileAdapter Job(s) only, by explicitly setting an ENVAR in the PARM field of your FileAdapter JCL as follows:
	`//RVBPUB  EXEC PGM=SXF3EPUB,`
	`//  PARM='ENVAR("TZ=EST5EDT","_TZ=EST5EDT"),/DD:INIFILE + any other parms'`
	The comma and / are used to separate the ENVAR information from the rest of the PARMs in your job and must be present.
	For customers in time zones other than the ones specified above, the appropriate TZ string should be specified. For example, mainland European times can be specified as
	`PARM='ENVAR("TZ=XXX-1YYY,J84,J301"),RPTOPTS(ON),/'`
	See the Appendix describing setting the TZ variable, in the IBM Manual: UNIX System Services Command Reference.

Options Section

You use the Options section for the following:

- Establish the type of TIBCO EMS/Rendezvous session to be used by FilePublisher for publishing
- Name the Adapter instance
- Control heartbeats

- Define certain global elements that apply to all file types defined in the configuration file. These global elements can be overridden in the file type definitions by using the appropriate tags.

Element	Description
ADAPTER_NAME	Specifying this element uniquely identifies the Adapter instance. This element: • Sets the terminate subject or destination (for EMS) to `_FILEADAPTER.`*<adapter name>*`.TERMINATE.` This is used to stop FilePublisher • Sets the heartbeat subject or destination (for EMS) to `_FILEADAPTER.`*<adapter name>*`.HEARTBEAT`. This is used to send heartbeat messages, but does not mean that heartbeats are always published. For terminate messages, the default destination type is QUEUE. For heartbeat messages, the default destination type is TOPIC.
CHECK_USER_AUTHORITY	If set to `true`, a RACF CHECK will be performed to ensure that the user id that sent in the trigger message to publish a file is authorized to access that file. Valid values: `true`, `false`. Default is `false`. **Note**: The FileAdapter `loadlib` must be "*APF authorized*" if you intend to activate the RACF check function. Please contact your system programmer for this procedure.
CONTINUE_ON_CONFIG_ERROR	Specifies whether to abend the Adapter when it encounters an initialization error. If set to `true`, and if a configuration error is found for a file, the publisher generates a message to the log and goes on to the next file. If set to `false`, abend the Adapter. Valid values: `true`, `false`. Default is `false`.

Element	Description
DELETE_PUB_PRG_FILES	Specifies whether to remove the progress file at the end of a file transfer. The adapter uses the progress file for recovery purposes, as discussed in Progress File, page 8. Valid values: • none—do not remove the progress file. • single—remove the progress file when it is a 1:1 relationship between the publisher and subscriber. • multiple—remove the progress file. Default is none.
ECM_NESTED_TEXT_LINES	Specifies if ECM messages should be sent to the Distributed File Adapter in extended format. Valid values: true,false. Default is false.
EEM_DESTINATION	Identifies the destination for messages that the Adapter will pass to TIBCO BusinessEvents. The value is the destination to which the event messages should be routed.
EEM_SUBJECT	Identifies the subject for messages that the Adapter will pass to TIBCO BusinessEvents. The value is the destination to which the event messages should be routed.
EMS_SESSION	Specifying this element along with the following required parameters establishes reliable mode publishing: • providerURL — The URL of the TIBCO EMS server • name — Unique name for the connection (optional) • username — The user name used to connect to the EMS server • password — The password for the user.

Element	Description
ERROR_DESTINATION	Specifies where error messages should be published. If this parameter is not blank, all traceErr and FatalErr messages are copied and sent to that destination. Valid values: blank or a string. Default is blank "". **Note**: Specify this field at the end of the Options section. Since the Rendezvous transport/EMS connection is not created until the end of the Options section, any error that occurs before this cannot be published.
ERROR_EXIT_CC	Specifies an MVS condition code at exit. Valid values: 4, 8. Default is 8.
ERROR_SUBJECT	Specifies where error messages should be published. If this parameter is not blank, all `traceErr` and `FatalErr` messages are copied and sent to that subject. Valid values: blank or a string. Default is blank “”.
HEARTBEAT_FILE_INFO	If set to `true`, additional file type information is also published in the heartbeat message. For example, file prefix, file extension, and number of messages published are included. Valid values: `true`, `false`. Default is `true`.
HEARTBEAT_TIME	Specifies the heartbeat interval in milliseconds. The default value is `60000` milliseconds, or 60 seconds.
HOST_CODEPAGE	Works with the codepage support in TIBCO Rendezvous. Specifies the translation table to use on the mainframe (z/OS) side. Defaults to codepage 1047, which is the standard default for U.S., Canadian, and western European EBCDIC "Latin-1" systems.
INPUT_DATASET	Default data set to be used for any PDS file type. An input file must be moved, not copied, to an input data set to ensure that the Adapter does not open a file that has not been completely generated.

Element	Description
`KILL_PUBLISHER`	If set to `true`, enables a publisher to shut down when the Rendezvous daemon shuts down. If not specified, defaults to `false`, which means that the publisher continues to run even if the Rendezvous daemon shuts down. **Note**: This functionality is provided by default in TIBCO EMS, i.e., whenever an exception occurs in a client connection to an EMS server, it is handled by default.
`MAX_CONCURRENT_JOBS`	This limits the number of files that will be published at the same time (concurrently). This is used to limit excessive memory consumption and CPU when a large number of files need to be published. Default is 12.
`NETWORK_CODEPAGE`	Works with the codepage support in TIBCO Rendezvous 7.1/EMS 4.2 and above. Specifies the expected codepage sent by any subscribers. Defaults to ISO-8859-1, which is the standard Latin-1 codepage for personal computers and UNIX systems.
`OUTPUT_DATASET`	Default output data set to be used for any PDS file type. **Note:** Ensure that the storage capacity allocated is sufficient to hold the files when moved.
`PRINT_FILE_OPTIONS`	If true, prints all configuration information at adapter startup. Valid values: `true`, `false`. Default is true.
`PROCESS_DATASET`	Default process data set to be used for any file type. **Note:** Ensure that the storage capacity allocated is sufficient to hold the files when moved.
`PROGRESS_DATASET`	Allows you to group all Progress (.PRG) files under a common high-level qualifier. Use the following parameter to specific an HLQ that will be prepended to all .PRG files generated by Adapter for Files z/OS: `hlq.`*qualifier* where *qualifier* is a user-defined string.

Element	Description
PUBLISH_HEARTBEAT	A setting to `true` for this element enables publishing of heartbeat messages. If not specified it defaults to `false`, meaning heartbeat messages are not published.
RV_SESSION	Specifying this element along with the following required parameters establishes a reliable mode publishing: • `name` — A unique alphanumeric name identifying the TIBCO Rendezvous session • `service` — The service group for this session • `network` — Network to initialize a TIBCO Rendezvous session • `daemon` — The name of the TIBCO Rendezvous daemon for this session If you include this element, omit the `RVCM_SESSION` element.
RVCM_SESSION	Specifying this element establishes a certified messaging session. Include all parameters listed for `RV_SESSION`, plus the following: • `ledgerFile` — The name of the file-based ledger for Certified Messaging. Specify a sequential data set for the ledger file. • `requireOldMessages` — Indicates whether a persistent correspondent requires delivery of messages sent to a previous session with the same name for which delivery was not confirmed. A setting to `true` enables delivery of old unacknowledged messages; a setting to `false` does not. • `defaultTimeLimit` — Sets the default message time limit for all outbound certified messages. Specify the time in whole seconds. • `syncLedger` — If you want to use a synchronous ledger file, set this parameter to `true`. The default for this is `false`, meaning an asynchronous ledger file is used. If you include this element, omit the `RV_SESSION` element. **Warning**: To prevent ledger files from becoming filled and unusable, allocate sufficient storage capacity for them.

Element	Description
TERMINATE_ON_RV_SEND_FAIL	Specifies that the Adapter should abend if it cannot successfully call the `tibrvsend` API. This flag is only applicable to record mode processing. If the file is in block mode, the flag is ignored and the Adapter will be abended. Upon recovery, the Adapter re-syncs to the last check point. In the case of standard block mode, the entire file will be retransmitted. In ECM, retransmission begins with the last block that was successfully acknowledged. Valid values: `true`, `false`. Default is `false`.
UNIT_PRG	For implementations that do not use SMS (System-Managed Storage), this element allows you to specify a UNIT parameter to be used with the VOLSER for progress (.PRG) files. (See `VOLSER_PRG` below.) `UNIT_PRG = "`*unit*`"` If you need assistance determining the correct UNIT value to use, contact your MVS systems programmer.

VOLSER_PRG	For implementations that do not use SMS (System-Managed Storage), this element allows you to specify a specific MVS volume (or set of volumes) to be used for storing progress (.PRG) files. Must be used with `UNIT_PRG`. (See `UNIT_PRG` above.)
	
	`VOLSER_PRG = "`*volume*`"`
	`VOLSER_PRG = "`*volume,volume*`"`
	
	where *volume* is a valid setting for MVS volume.
	
	The maximum number of VOLSER values you can set is 59. If you need assistance determining the correct VOLSER names to use, contact your MVS systems programmer.

WRITE_TO_SYSLOG	If `true`, z/OS errors are written to SYSLOG. Each message includes date and time information. The format is standard IBM-style message format such as an *SXFnnnnn* header followed by message text. Valid values: `true`, `false`. Default is `false`.

Pre-Register Section

You use the Pre-Register section to configure and specify the list of anticipated subscribers for the subjects that are published. When the anticipated subscribers are pre-registered, the delivery of Certified Messages is guaranteed even if subscribers start before or after FilePublisher or if FileSubscriber goes down and is restarted. To use this feature, both FilePublisher and FileSubscriber must establish an `RVCM_SESSION` with the `requireOldMessage` parameter set to `true`.

Not supported for EMS.

Use of this section in your configuration file is optional. If it appears, it should be defined after the Options section. Use the following element to specify the anticipated subscribers for each subject.

Element	Description
`SUBSCRIBER`	Specify the following required parameters within braces ({ }) for each anticipated subscriber for each subject. Up to 126 `SUBSCRIBER` elements can be defined in the configuration file. • `listenerName` — Specifies the name of the subscribing session. • `listeningSubject` — Specifies the name of the subscription subject.

FileType Section

The FileType section contains two elements:

- FILE_OPTIONS element
- MESSAGE_FIELDS element

FILE_OPTIONS Element

Use the `FILE_OPTIONS` element to specify the following:

- The type of file you want to publish
- How you want FilePublisher to process the file
- Where the file(s) are located
- How the data in the file is to be accessed
- How the file is to be published

The FILE_OPTIONS element is also used to identify those files you want to be published in certified mode if you have started a certified FilePublisher session. A config file can have multiple [FILE_OPTIONS] definitions in a single file. See the File PublisherExamples section for details.

The following table lists the parameters in the FILE_OPTIONS elements

Parameter	Description
filePrefix (required)	Used by FilePublisher to select files from the input data set for publishing. While polling, any files with a name that starts with this file prefix are selected for publishing. This prefix can be up to 8 characters. The string NULL is allowed. When this parameter is NULL, and if trigger mode is used, and the full path of the file is specified, then the publisher should not be ignoring this file type. It should generate the temporary file without using the file prefix.
publishSubjectName (required)	Specifies the subject name on which messages from a data file are published.
publishDestinationName	Specifies the destination name to which messages from a data file are published.
publishDestinationType	Specifies the type of the destination to which message are published. For additional details, see JMS Overview on page 19. Valid values: TOPIC, QUEUE. Default is TOPIC.
deliveryMode	Specifies the delivery mode for messages. For additional details, see JMS Message Structure on page 22. Valid values: PERSISTENT, NON_PERSISTENT, RELIABLE_DELIVERY. Default is PERSISTENT.
JMS_TIBCO_MSG_TRACE	Specifies whether the entire message, or only the header of the message, is traced. For additional details, see JMS Message Structure on page 22. Valid values: body, null.

Parameter	Description
EMS_ACK_TYPE	Specifies the acknowledge mode for EMS when durable subscribers are used. Valid values are TIBEMS_AUTO_ACKNOWLEDGE, TIBEMS_CLIENT_ACKNOWLEDGE, TIBEMS_CLIENT_ACKNOWLEDGE, TIBEMS_DUPS_OK_ACKNOWLEDGE, TIBEMS_EXPLICIT_CLIENT_ACKNOWLEDGE, TIBEMS_EXPLICIT_CLIENT_DUPS_OK_ACKNOWLEDGE, TIBEMS_NO_ACKNOWLEDGE. Default is TIBEMS_AUTO_ACKNOWLEDGE.
Publishing Correlation Identifier	
useTrackingId	Specifies whether a GUID-like transaction id is to be used. If the file is configured as needing one, and if no trackingId string is received as part of the trigger message, then the publisher automatically generates a GUID-like string for the trackingId. If the trackingId string comes with the trigger message, the id is forwarded to the subscriber. This information is sent after the publisher receives the final EOF message from the subscriber. Valid values: true, false. Default is false. If the value is true, following fields are attached to the message published on the subject specified by trackingIdSubject: • AdapterName • FileName • GdgTriggerName (z/OS only for GDG files) • FileExtension (NT only, null if z/OS) • FilePrefix (FileType Prefix) • FileSize • fileTransferDuration • DateTime • TransferMode (BLOCK or RECORD) • PubLocalResult (Publisher's Local result = 0 or 8) • Result (0 or 4 or 8 = OK or Fail) overall transfer result from Subscriber • status (Succeeded or Failed) • HostName • Subject • trackingId

Parameter	Description
`trackingIdSubject`	Name of the subject on which messages containing the `trackingId` information are published.
`trackingIdDestinationName`	Name of the destination to which messages containing the `trackingId` information are published.
Publishing Method (Polling or Trigger Subject)	
`useFilePolling`	Polling can be used only if the data set type is PDS. Polling is not supported for sequential data sets, GDGs, or VSAM file types. If set to `true`, FilePublisher polls for PDS files. A setting to `false` disables file polling. Default is `false`.
`pollInterval`	If file polling is enabled, specifies the time delay between file polls. The time is in milliseconds, i.e., 1000 = 1,000 milliseconds, or 1 second. Default is 1000.
`triggerSubjectName`	Subject for which FilePublisher listens.
`triggerDestinationName`	Destination for which FilePublisher listens.
`triggerDestinationType`	Specifies the destination type of trigger messages. Valid values: `TOPIC`, `QUEUE`. Default is `TOPIC`.
`triggerFieldName`	Use this parameter if the file name is contained in the trigger subject message as a named field.
Message Publishing	
`messagesPerTransaction`	Number of messages to publish at one time (as one transaction). Default is 10.
`transactionDelay`	The time, in milliseconds, to wait before publishing another transaction (of messages). Default is 2000, or 2 seconds.
`startPublishSubject`	Specifies a subject on which FilePublisher sends a message when it starts to publish the file. The published message contains the name of the file that is published.

Parameter	Description
`startPublishDestinationName`	Specifies the destination to which FilePublisher sends a message when it starts to publish a file. The published message contains the name of the file that is published. **Note**: Destination type is the same as the publishDestinationType
`endPublishSubject`	The subject on which FilePublisher sends a message after it has completed publishing the file. The end publish message contains the name of the file that is published and the number of messages published. This parameter has a dual purpose. The first is to communicate to the FileSubscriber an end-of-file condition. The second is to communicate that the file has been published. The durable subscribers in EMS require that `endPublishSubject` equal `publishSubject` (or `endPublishDestinationName` equal `publishDestinationName`). Note that publishing an end-of-file indication on a different subject than `publishSubject` in RV may not maintain the correct sequence of messages.
`endPublishDestinationName`	Specifies the destination to which FilePublisher sends a message after it has completed publishing a file. The end publish message contains the name of the file that is published and number of messages published. **Note**: Destination type is the same as the publishDestinationType
`generateFileFieldName`	Most usages of `generateFileSubjectName` require that it match the `subscribeSubjectName`. The adapter uses the `generateFileFieldName` parameter as a message differentiator. A message arriving on a subject name can be checked whether it is a regular “Data” message, or whether it is a “Generate File” trigger. When an incoming message has a field matching the value specified in the `generateFileFieldName` parameter, then the message is assumed to be a “Generate File” trigger message, and the subscriber generates the final target output file. The default value for this field is `"filename"`.

Parameter	Description
Block Transfer Mode	
transferType	Specifies the data transfer mode (i.e, Record Mode or Block Mode) and whether to use ECM or non-ECM with the specified data transfer mode. Valid values: BlockModeECM – use Block Mode with ECM. BlockModeSFT – use Block Mode with non-ECM mode. RecordModeECM – use Record Mode ECM. RecordMode – use Record Mode with non-ECM mode For additional information, see Explicit Confirmation Mode (ECM) on page 14.
`blockTransferMode`	If `true`, the Adapter reads the file in blocks, without regard to its record or field structure. Default is `false`.
`blockTransferSize`	Determines the block size, that is, the number of bytes that the Adapter reads and publishes each time it reads the file. Default is `65536` bytes.
ECM Mode	
`useExplicitConfirmation`	Specifies ECM mode is on or off. Valid values: `true`, `false`. Default is `false`. If `true`, block mode is used automatically.
`retransmissionDelayTicks`	Only used for ECM Block Mode. Specifies the number of seconds the FileSubscriber should wait between retries to re-connect to the Publisher after a startup. It is used to coordinate the startup handshake used between the Publisher and Subscriber, when ECM is being used. Default is 10 seconds.
`noWaitAfterConfirmations`	Specifies how a publisher proceeds upon acknowledgement from all ECM subscribers. If set to `true`, the next transaction is processed immediately after FilePublisher receives all the confirmations. If set to `false`, it uses the normal `transactionDelay` parameter to process transactions. Valid values: `true`, `false`. Default is `true`. Set to `true` for ECM publishers to speed up delivery.

Parameter	Description
`ECMSubscriberName`	Identifies the ECM subscriber with which this publisher is exchanging acknowledgements in block mode. Repeat this entry for every participating ECM subscriber. This string must be precisely the same spelling as the `ECMSubscriberName` parameter that is specified in the subscriber's configuration file. **Warning**: You cannot specify both an `ECMSubscriberName` and a `confirmationSubject`.
`SubscriberName`	A new SubscriberName ID is required so that the EMS server can identify which consumer client(s) requires which messages resent after a failure. This SubscriberName ID is created dynamically when the Subscriber is started. For example, SubscriberName="sub1", where sub1 is an identifier of your choice.
`confirmationSubject`	Confirmation subject name used by FilePublisher to exchange block confirmation messages in record mode. **Warning**: You cannot specify both a `confirmationSubject` and an `ECMSubscriberName`.
File Type and Location	
`dataSetType`	Specifies the type of data set for this file type. This can be: • `PDS` for partitioned data sets. This is the default. • `SEQ` for sequential data sets. • `GDG` for Generation Dataset Groups. • `VSAM` for Virtual Storage Access Method files.
`inputDataset`	Name of the input data set.The default is the `INPUT_DATASET` specified in the Options section. For a PDS data set, this parameter is used in conjunction with polling. The input file must be moved, not copied, to an input data set to ensure that the Adapter does not open the file before the file is completely generated. For VSAM files, this parameter allows you to indicate the cluster name or the path name if you are using VSAM alternate index to access the data.

Parameter	Description
`processDataset`	Name of the process data set for this file type. The default is the `PROCESS_DATASET` specified in the Options section.
`outputDataset`	Name of the output data set for this file type. The default is the `OUTPUT_DATASET` specified in the Options section. This is used only for a PDS data set in conjunction with polling.
`lineLength`	Record length of the file being published. If `lineLength` is not specified, the Adapter will use the catalog service to obtain the file attributes. This parameter is not used for the `VSAM` data set.
`logMatched`	Specifies if you want to create a log file containing the source records which match a constraint. The default is `false` which means a log file will not be created. Valid values: `true`, `false`.
`logUnmatched`	Specifies if you want to create a log file containing the source records which did not match a constraint. The default is `false` which means a log file will not be created. Valid values: `true`, `false`.
Certified Publishing	
`isCertified`	If the FilePublisher session is not a certified session, this parameter is ignored. If the FilePublisher session is specified as a certified session, the default for this parameter is `true`, meaning the file is published in certified mode. If you want to have a specific file published in non-certified (Reliable) mode, you can specify `false`.
`rvcmTimeLimit`	Specify a value for this parameter to override the default value specified in the Options section of the configuration file.

Parameter	Description
Preprocessing and Postprocessing	
`removeAfterProcess`	If you want to delete a file after it is published, use this parameter. Valid values: • `runJCL` or `false`—submit JCL only • `alwaysDo` or `true`—submit JCL and delete file • `suppressJCL`—do not submit JCL and delete file • `suppressOnError`—do not submit JCL and do not delete file. Default is `runJCL` or `false`.
`executeBeforeProcess`	Causes FilePublisher to submit a job to the internal reader for execution before the file is published. See Pre-Processing and Post-Processing Files on page 147.
`executeAfterProcess`	Causes FilePublisher to submit a job to the internal reader for execution after generating an output file. See Pre-Processing and Post-Processing Files on page 147.
Record Handling	
`removeLeadingBlanks`	Applies to STRING fields. Set this parameter to `true` to have FilePublisher strip leading blanks from a STRING.
`removeTrailingBlanks`	Applies to STRING fields. Set this parameter to `true` to have FilePublisher strip trailing blanks.
`keepTrailingBlanks`	If this parameter is set to true, pad records with blanks when publishing an MVS fixed-block (FB) file. Valid values: true, false. Default is false.
`useFieldWidth`	Identifies the record structure to FilePublisher. If this value is `true`, the fields in the records are assumed to be fixed length.
`delimiter`	Identifies the record as having variable-length fields. The delimiter can be any unique character. If `useFieldWidth` is set to `false`, the default for this field is `|` (vertical bar).
`startAtLine`	Used by FilePublisher to identify which record to start with when publishing. It can be used to skip over header records in a file. If this parameter is not specified, FilePublisher starts at the first record in the file. This parameter is not used for `VSAM` data sets.

Parameter	Description
`isBinary`	When set to `true`, specifies that the file data is in binary format. Binary data includes zoned decimal, binary, packed decimal, and floating point data types.
VSAM Parameter	
`vsamAltIndex`	Specifies the path file name for the alternate index for the cluster defined in the `inputDataset`. If more than one alternate index is defined for the cluster, the configuration must have `vsamAltIndex` defined for each path name. See Configuring VSAM Files on page 77.

MESSAGE_FIELDS Element

Use the `MESSAGE_FIELDS` element of the FileType section to configure any messages that are to be published.

- To publish from a file with single record format (either delimited or fixed-width), define one `MESSAGE_FIELDS` element.
- To publish from a file with multi-record format (a file with header and detail records), define one `MESSAGE_FIELDS` element for each record type using the `constraint` parameter.

If you have enabled block transfer mode, the Adapter ignores the `MESSAGE_FIELDS` element.

The `MESSAGE_FIELDS` element describes the format of the message to be published. It can be formed by using one or more of the following parameters.

Parameter	Description
`messageItem`	Identifies the field. You can specify different tags inside this parameter. See Tags in the messageItem Parameter on page 66.
`messageContainer`	Contains message items. See Tags in the messageContainer Parameter on page 68.
`constraint`	Must be used in the case of multi-record format. See Tags in the constraint Parameter on page 68.

Tags in the messageItem Parameter

The `messageItem` parameter can identify a field with a constant value, a field from a fixed-width input record, or a field from a delimited input record. In any case, it uses the following tags:

Tag	Description
`label`	Name of the field.
`type`	Data type of this field. Valid values: `STRING`, `INTEGER`, `UNSIGNED INTEGER`, `SHORT`, `UNSIGNED SHORT`, `FLOAT`, `DOUBLE`, `BOOLEAN`, and `TIME`. Default is `STRING`. Valid values for EMS: `STRING`, `INTEGER`, `SHORT`, `FLOAT`, `DOUBLE`, `BOOLEAN`. **Note:** When you specify `TIME` as the data type, FilePublisher gets the current system time and adds it to the TIBCO message. When FileSubscriber receives the message, it converts the time to a string that represents the time of the publishing system. Specify `OPAQUE` to send a field untranslated. See Sending Data Untranslated (OPAQUE) on page 77. For COBOL numeric datatypes only, specify one of `ZONED`, `BINARY`, `PACKED`, `COMP`, `COMP-1`, `COMP-2`, `COMP-3`, or `COMP-4` for numeric data. See Sending COBOL Numeric Data Types on page 76. **Note:** Make sure `isBinary` is set to `true` for both `OPAQUE` and COBOL numeric data.
`precision`	For COBOL numeric datatypes only, specifies the size of the field and the number of decimals.
`convertToString`	For COBOL numeric datatypes only, specifies an alternate conversion. The default value is false, meaning the input numeric field is published as a FLOAT or INTEGER value depending on the type of the field. The datatypes COMP-1, COMP-2, and COMP-3 are published as FLOAT and COMP, COMP-4 as INTEGERs. For a more accurate conversion, specify `true`, meaning a STRING data type will be published.

Tag	Description
`value`	Allows you to emulate the COBOL equivalent of `LOW-VALUES` and `HIGH-VALUES`. Valid values: `LOW-VALUES` -- Sets field's value to binary zeros. `HIGH-VALUES` -- Sets field's value to binary `X'FFFFFFFF'`.

For a field with a constant value, add the following tag along with `label` and `type`.

Tag	Description
`constant`	Set this tag to `true` to specify that the field is a constant.
`value`	Use this tag to provide a value for a `constant` field.

For a field from a fixed-width input record, add the following tags along with `label` and `type` to specify the field's position within the record and the length of the field.

Tag	Description
`position`	Identifies the position, starting at 0, of the field within the record. Use `position` *or* `fieldStart` but not both.
`fieldStart`	Used for binary files to specify the start of a field. The first byte of an input or output record is "1." Use `fieldStart` *or* `position` but not both.
`length`	Identifies the length of the field.

For a field from a delimited input record, add the following tag along with `label` and `type` to specify the field's location within the record.

Tag	Description
`location`	Identifies the location of the field within the record, starting with location 1.

Tags in the messageContainer Parameter

You can group message items into containers to form a nested message using the `messageContainer` parameter. Include the following tags along with the `messageItem` or other `messageContainer` that you want to group together.

Tag	Description
`name`	Name of the container. The name is mandatory. The example configuration files (File Publisher Examples on page 82) illustrate how this tag is used.

Tags in the constraint Parameter

The adapter supports files with multiple record formats. If there is more than one record format, include the `constraint` parameter using the following tags:

Tag	Description
`containerName`	Specifies and groups the entire message field with this name.
`startNewMessage`	Specifies that this message field definition should start a new message. If this tag is set to `false`, the TIBCO message created by the message field is combined with the previous TIBCO message. If there are no previous messages, a message is not created. The default for RV is `false`, which means that a new message is not started. The default is `true` for EMS and `false` for Rendezvous. Refer to Example 10, Nesting of Mapped Messages, on page 94.
`value`	Specifies the value of the record identifier field. While publishing, this `MESSAGE_FIELD` format is used only if this value matches the record identifier field of the input record.

For a fixed width input record, add the following tags to the `containerName`, `startNewMessage`, and `value` tags.

Tag	Description
`position`	Position, starting at 0, of the record identifier field within the record.
`length`	Length of the field.

For a delimited input record, add the following tag to the `containerName`, `startNewMessage` and `value` tags:

Tag	Description
`location`	Location of the record identifier field within the record, starting with location 1. The example configuration files (File Publisher Examples on page 82) illustrate how this tag is used.

FilePublisher Configuration by Transport

This section describes the FilePublisher configuration elements, parameters, and tags that apply to the TIBCO Rendezvous transport only, the TIBCO EMS transport only, and those that apply to both.

Trace Section

Element	Rendezvous	EMS	Both
FILE_COUNT			X
FILE_LIMIT			X
FILE_NAME			X
PRINT_STDOUT			X
TRACE_HEAP			X
TRACE_LEVEL			X
UNIT_TRACE			X
VOLSER_TRACE			X
TRACE_SWITCHES			X
TRACE_EMS_EPM_ERROR_MSG		X	
TRACE_EMS_HEARTBEAT_MSG		X	

Options Section

Element	Rendezvous	EMS	Both
ADAPTER_NAME			X
CHECK_USER_AUTHORITY			X
CONTINUE_ON_CONFIG_ERROR			X
DELETE_PUB_PRG_FILES			X

Element	Rendezvous	EMS	Both
ECM_NESTED_TEXT_LINES	X		
EEM_DESTINATION		X	
EEM_SUBJECT	X		
EMS_SESSION		X	
ERROR_DESTINATION		X	
ERROR_EXIT_CC			X
ERROR_SUBJECT	X		
HEARTBEAT_FILE_INFO			X
HEARTBEAT_TIME			X
HOST_CODEPAGE			X
INPUT_DATASET			X
KILL_PUBLISHER	X		
MAX_CONCURRENT_JOBS	X		
NETWORK_CODEPAGE			X
OUTPUT_DATASET			X
PRINT_FILE_OPTIONS			X
PROCESS_DATASET			X
PROGRESS_DATASET			X
PUBLISH_HEARTBEAT			X
RV_SESSION	X		
RVCM_SESSION	X		
TERMINATE_ON_RV_SEND_FAIL	X		
UNIT_PRG			X

Element	Rendezvous	EMS	Both
VOLSER_PRG			X
WRITE_TO_SYSLOG			X

Pre-Register Section

Element	Rendezvous	EMS	Both
SUBSCRIBER	X		

FileType Section

FILE_OPTIONS Element

Parameter	Rendezvous	EMS	Both
filePrefix			X
publishSubjectName	X		
publishDestinationName		X	
publishDestinationType		X	
deliveryMode		X	
JMS_TIBCO_MSG_TRACE		X	
Publishing Correlation Identifier			
useTrackingId			X
trackingIdSubject	X		
trackingIdDestinationName		X	
Publishing Method (Polling or Trigger Subject)			
useFilePolling	X		
pollInterval	X		

Parameter	Rendezvous	EMS	Both
triggerSubjectName	X		
triggerDestinationName		X	
triggerDestinationType		X	
triggerFieldName			X
Message Publishing			
messagesPerTransaction			X
transactionDelay			X
startPublishSubject	X		
startPublishDestinationName		X	
endPublishSubject	X		
endPublishDestinationName		X	
generateFileFieldName			X
Block Transfer Mode			
blockTransferMode			X
blockTransferSize			X
ECM Mode			
useExplicitConfirmation			X
retransmissionDelayTicks			X
noWaitAfterConfirmations			X
ECMSubscriberName			X
confirmationSubject			X
File Type and Location			
dataSetType			X

Parameter	Rendezvous	EMS	Both
inputDataset			X
processDataset			X
outputDataset			X
lineLength			X
logMatched			X
logUnmatched			X
Certified Publishing			
isCertified	X		
rvcmTimeLimit	X		
Preprocessing and Postprocessing			
removeAfterProcess			X
executeBeforeProcess			X
executeAfterProcess			X
Record Handling			
removeLeadingBlanks			X
removeTrailingBlanks			X
keepTrailingBlanks			X
useFieldWidth			X
delimiter			X
startAtLine			X
isBinary			X
VSAM Parameter			
vsamAltIndex			X

MESSAGE_FIELDS Element

Tag	Rendezvous	EMS	Both
messageItem Parameter Tags			
`label`			X
`type`			X
`precision`			X
`convertToString`			X
`value`			X
`constant`			X
`value`			X
`position`			X
`fieldStart`			X
`length`			X
`location`			X
messageContainer Parameter Tags			
`name`			X
constraint Parameter Tags			
`containerName`			X
`startNewMessage`			X
`value`			X
`position`			X
`length`			X
`location`			X

FilePublisher Usage Guidelines

This section provides some guidelines for using FilePublisher and explains special configuration options. In includes the following information:

Sending COBOL Numeric Data Types

This section explains how FilePublisher can be configured to handle the COBOL numeric data types supported by the Adapter.

You can configure FilePublisher to publish non-text files by using the `isBinary=true` parameter and the `messageItem` parameter tags in the FileType section. When transmitted to a Subscriber, numeric data types are converted to `FLOAT`, `STRING` or `INTEGER` TIBCO data types.

When you configure one of these data types, you use the "`type`" tag to identify the type of numeric field. To specify a binary decimal field, you can specify `type="binary"` or `type="COMP"` or `type="COMP-4"`. To specify packed decimal, you can specify `type="PACKED"` or `type="COMP-3"`.

Floating-point numeric fields are specified as either `COMP-1` or `COMP-2`. `COMP-1` indicates that the input field is a 4 byte long floating point number. `COMP-2` indicates that the input field is an 8 byte long floating point number.

Since there can be a loss of precision when converting to `FLOAT` from non-float values, it may be preferable to specify `STRING` as the published data type.

See File Publisher Examples on page 82 for an example of a FilePublisher configuration file that handles the supported numeric data types.

Sending Data Untranslated (OPAQUE)

You can configure the Adapter to publish a field without translating the data within the field. Usually, when FilePublisher reads a record from a file, it translates the data within each field to TIBCO Rendezvous "wire format," which is then published. When FileSubscriber receives the published message, it converts the "wire format" message to the appropriate data type for the platform that it is on.

If it is necessary to publish binary data other than the supported COBOL numeric data types, from one platform to another platform that supports the same data types (such as from one EBCDIC machine to another EBCDIC machine), you can specify `OPAQUE` for the data type. When you do this, the data in the field is published "as is," with no conversion. When the FileSubscriber receives the `OPAQUE` TIBCO Rendezvous message, it writes the data in that field to the field "as is."

To support zoned, binary, packed, floating-point, and opaque data types:

1. Set the `isBinary` parameter in the FILE_OPTIONS element to `true`.
2. Set the `type` tag in the `messageItem` parameter to the desired value.

Configuring VSAM Files

This section explains how to configure the FilePublisher for Virtual Storage Access Method (VSAM) files. Configuration for VSAM files is similar to that for GDG and Sequential file types. FilePublisher supports all three VSAM file types named, entry-sequenced data sets (ESDS), key-sequenced datasets (KSDS), relative-record data sets (RRDS).

FilePublisher reads a VSAM file and publishes each record as a TIBCO message. Each VSAM file type has a separate FILETYPE definition. A VSAM file type can be perceived as a Sequential file type when it comes to configuration. A VSAM file can only be published by using the trigger message method. The polling method is not supported. By default, a VSAM file type is treated as a binary file and hence all the characteristics of the binary files apply to VSAM files.

FilePublisher reads the z/OS catalog information for the VSAM file specified in the `inputDataset` and uses it to open the file and read the data from the file being published. The VSAM file to publish must be allocated using IDCAMS. For KSDS VSAM files, the `inputDataset` name is the cluster name when you are publishing using the primary key. The flag `vsamAltIndex` allows you to specify alternate path file names for KSDS VSAM files. This facilitates the publishing of the KSDS VSAM files based on alternate keys. For ESDS and RRDS files, the `inputDataset` name is the cluster name. The following catalog information is retrieved:

- LRECL—Logical Record Length
- BUFSIZE—max buffer size
- VSAMTYPE—KSDS/ESDS/RRDS file type information
- ATTR1—unique vs. not-unique keys information
- RGATTR— ALTINDEX file (vs. base cluster)
- VSAMREUS—configured as a REUS file or not
- AMDKEY—Key length and offset
- NAME—*associated* file names. Used when tracking down the underlying base DATA file's file type, record length and share information for ALTINDEX files.

The file can be published from the beginning (from the first record) or from a specified beginning key (STARTKEY). The file is published from this point until the end of file is reached, a specified end key (ENDKEY) is reached, or a specified number of records (MAXRECORDS) is published. All these values can be listed in the trigger message. The file name to be published is specified in the DATA field of the trigger.

This file name must match the file name specified in `inputDataset`. The file name is usually the name of the cluster. When publishing a file based on the alternate index, the name of the file must be the path name for that alternate index, and it must match one of the `vsamAltIndex` names specified in the configuration file. See Sample Configuration for VSAM Files Using the Alternative Key on page 88.

While publishing the Alternate Path files, RBA can not be used for identifying the StartKey and the EndKey. Using this option can result in erroneous behavior.

The VSAM file can only be published using the trigger subject method.

Tags in Trigger Messages for VSAM Files

The next table lists the trigger message format for the VSAM file:

Tag	Description
`DATA`	Name of the VSAM file you want to publish. (Usually the name of the cluster or the PATH file name (for KSDS only)).
`vsamStartKey`	Starting KSDS Key (or ESDS RBA, or RRDS RRN) to use for publishing.
`vsamEndKey`	Ending KSDS key (or ESDS RBA, or RRDS RRN) to use for publishing.

Tag	Description
`vsamStartKeyHex`	Hexadecimal version of the starting key, used when the key is composed of binary (for example, integer or packed) fields.
`vsamEndKeyHex`	Hexadecimal version of the ending key, used when the key is composed of binary (for example, integer or packed) fields.
`ISRBA`	Denotes that the supplied key(s) is an RBA (ESDS,KSDS) or RRN (RRDS). **NOTE**: This option is not available while publishing the KSDS AlternatePath files.
`vsamMaxRecords`	Maximum number of records to publish.

Constructing a Subject Name from Data

Data from a file is normally published with a predefined subject name. However, if the subject name is not constant for all the lines of data in a file, and if the subject depends on a certain data field from the input file, specify a valid node within angle brackets (< >). A valid node is a label of a defined `messageItem` parameter prefixed by its container name separated by a period.

For example:

```
publishSubjectName = “CHECK.JAN.<ChKey.RoutingCode>.CLEARED”
```

uses data of the label `RoutingCode` in the container name `ChKey` to construct the `publishSubjectName`. That is, if the value of `RoutingCode` in the message to publish is 154363, the `publishSubjectName` for publishing, that message is `CHECK.JAN.154363.CLEARED`.

The configuration file coding necessary in this example would be as follows:

```
[FileType]
FILE_OPTIONS={…
PublishSubjectName=”CHECK.JAN.<ChKey.RoutingCode>.CLEARED”,
}
MESSAGE_FIELDS={
messageContainer={name=”ChKey”,
messageItem={position=”0”,length=”6”,
Label=”RoutingCode”, type=”STRING”},
messageItem={ … },
messageItem={ … },
```

Constructing a Subject Name from Data is ONLY supported by Rendezvous It is NOT supported for EMS.

Publishing Double Values

FilePublisher supports publishing of floating point (double) values, as either float (4 byte) or double (8 byte). The adapter defaults to 6-digit precision for these values. In all other cases, you should publish float and double values as type `STRING`.

Pre-registering Subscribers

You can configure FilePublisher to specify the list of anticipated subscribers for the subjects it is publishing. By pre-registering the anticipated subscribers, the delivery of certified messages is guaranteed even if FileSubscribers start before or after the configured FilePublisher or even if a FileSubscriber is stopped and restarted later. To use this feature, both the FilePublisher and FileSubscriber should establish RVCM sessions with the `requireOldMessages` parameter set to `true`. To implement the pre-registering of subscribers, include this section in the FilePublisher configuration file:

```
[Pre-Register]
SUBSCRIBER = { listenerName = "<name of the subscribing session>",
               listeningSubject = "<name of the subject subscribed for>" },
SUBSCRIBER = { listenerName = "<name of the subscribing session>",
               listeningSubject = "<name of the subject subscribed for>" }
......
```

Currently, the maximum number of subscribers that can be pre-registered is 126.

Setting FilePublisher for Explicit Confirmation Mode (ECM)

The following are the options on the FilePublisher side for the Explicit Confirmation Mode:

- `useExplicitConfirmation`: Flag that specifies whether Explicit Confirmation Mode is on or off during block transfer.

  All the options below are only valid if this flag is `true`. [default: “`false`”]

- `ECMSubsriberName`: This field specifies the corresponding ECM subscriber(s) name. When there are more than one participating subscribers, repeat this option and enter a unique subscriber name.
- `BlockTransferMode`: set to `true` to ensure block mode is used.
- `retransmissionDelayTicks`: Specifies the number of seconds the FileSubscriber should wait between retries to re-connect to the Publisher after a startup. It is used to coordinate the startup handshake used between the Publisher and Subscriber, when ECM is being used. Default is 10 seconds.

- `noWaitAfterConfirmations`: If `true`, the next transaction is processed immediately after FilePublisher receives all the confirmations. If `false`, it uses the normal `transactionDelay` parameter to process transactions. Default is "`true`".

File Publisher Examples

This section contains several configuration file examples that you can use as models for your own custom configuration file.

Example 1 Configuration File for a Delimited File

This example shows the FileType section of a configuration file for processing a delimited file.

A portion of the file shows how the data looks:

```
115-01-0500|MONITOR|SONY|VIEWSONIC|01|350.50
115-15-6542|CPU-PIII750MHZ|COMPAQ|PRESARIO|01|900.00
115-67-7356|HDD20GB|SEAGATE|ST500|01|276.60
115-34-8767|FDD54|HP|T24333|01|86.00
115-77-5555|CRDW|HP|T75668|01|350.00
115-78-4646|KEYBOARD|COMPAQ|EASYKEY101|01|32.00
115-88-4454|MOUSE|MICROSOFT|M323|01|26.00
115-36-2727|WINDOWS2000|MICROSOFT|MSW2000|01|400.00
```

The FileType section of the configuration file follows:

```
[FileType]
FILE_OPTIONS = { filePrefix="ft1",
                 useFilePolling="true", pollInterval="5000",
                 datasetType="PDS",
                 inputDataset="TIBFA.TEST.IN",
                 processDataset="TIBFA.TEST.PROCESS",
                 outputDataset="TIBFA.TEST.OUT",
                 useFieldWidth="false", delimiter="|",
                 publishSubjectName="A.B"
               }

MESSAGE_FIELDS = {
   messageItem = { location="1", label="PartNo", type="STRING" },
   messageItem = { location="2", label="Desc", type="STRING" },
   messageItem = { location="3", label="Manufacturer",
type="STRING" },
   messageItem = { location="4", label="Model", type="STRING" },
   messageItem = { location="5", label="Quantity", type="INTEGER"
},
   messageItem = { location="6", label="Price", type="FLOAT" },
}
```

Example 2 Configuration File for a Fixed-length File

This example shows the FileType section of a configuration file for processing a fixed-length file.

A portion of the file shows how the data looks

```
115-01-0500 MONITOR  SONY  VIEWSONIC  01  350.50
115-15-6542 CPU-PIII750MHZ  COMPAQ  PRESARIO  01  900.00
115-67-7356 HDD20GB  SEAGATE  ST500  01  276.60
115-34-8767 FDD54  HP  T24333  01  86.00
115-77-5555 CRDW  HP  T75668  01  350.00
115-78-4646 KEYBOARD  COMPAQ  EASYKEY101  01  32.00
115-88-4454 MOUSE  MICROSOFT  M323  01  26.00
115-36-2727 WINDOWS2000  MICROSOFT  MSW2000  01  400.00
```

The FileType section of the configuration file follows:

```
[FileType]
FILE_OPTIONS = { filePrefix="ft2",
                 useFilePolling="true", pollInterval="5000",
                 datasetType=”PDS”,
                 inputDataset=”TIBFA.TEST.IN”,
                 processDataset=”TIBFA.TEST.PROCESS”,
                 outputDataset=”TIBFA.TEST.OUT”,
                 useFieldWidth="true",
                 publishSubjectName="A.C"
               }

MESSAGE_FIELDS = {
messageItem = { position = "0", length = ”11”, label = “PartNo”,
type = "STRING" },
messageItem = { position = "11", length = ”15”, label = "Desc",
type = "STRING" },
messageItem = { position = "26", length = ”11”, label = "Manuf",
type = "STRING" },
messageItem = { position = "37", length = ”12”, label = "Model",
type = "STRING" },
messageItem = { position = 49", length = ”2”, label = "Qty",
type = "INTEGER" },
messageItem = { position = "51", length = ”6”, label = "Price",
type = "FLOAT"} }
```

Example 3 Accommodating Different Order Header and Order Line Formats

As an example of how to use the `constraint` parameter, suppose a file contains both order header and order detail records that must be combined into one output TIBCO message, but the records have different formats. You could create a TIBCO message as follows:

1. Determine whether the record is an order header or order detail record. Do this by selecting a field from the record that contains unique data that identifies the field as a header record or as a detail record.
   a. For fixed length files, identify the field by using both the `position` and `length` parameters.
   b. For delimited files, identify the field by using the `location` parameter.
2. Provide the data that identifies the field type. Use the `value` parameter to provide the data.
3. If the record is a header record, specify that TIBCO Rendezvous must start a new message. Do this by specifying `startNewMessage="true"`. For detail records, specify `startNewMessage="false"` if they are to be published with the header record as a single message. Else specify `true`, which causes the records to be published as separate messages.
4. The parameter `containerName` is used to identify the container. For this example, the values supplied are `containerName="OrderHeader"` and `containerName="OrderDetail"`.

The input file containing the order header and order detail records in different formats could look like:

```
HDR123-234-52344
DTL34234:22343:3534534
DTL47463:34763:2734641
DTL18231:23423:1234123
HDR874-647-12331
DTL81321:46157:412564 …
```

The pertinent parts of the configuration file would look like:

```
MESSAGE_FIELDS = { constraint = { position = “0”, length = “3”,
value = “HDR”,
startNewMessage = “true”,
containerName = “OrderHeader” },
messageItem = { … }
}

MESSAGE_FIELDS = {constraint = { position = “0”, length = “3”,
value = “DTL”,
          startNewMessage = “false”,
        containerName = “OrderDetail” },
messageItem = { … },
messageItem = { … },
messageItem = { …}
}
```

Example 4 Supporting COBOL Numeric Data Types

This example shows a FilePublisher configuration file that supports the following four supported numeric data types: zoned, binary, packed, and floating point. For the FilePublisher sample configuration file, three messageItems are specified.

- The `FILE_OPTIONS` element of the FileType section contains the parameter `isBinary`, specified as `true`.
- The numeric field location is specified using the `position` tag in the `messageItem` parameter. This value specifies the byte number, starting at 1, of the starting position of the field within the record.
- The `precision` tag in the `messageItem` parameter is used to identify the relative length of the field and the number of decimal positions. FilePublisher, depending on the data type, calculates the length of the field within the record. For example, if the field is identified as `BINARY`, and the precision is specified as `9,2`, then the field occupies 4 bytes of data in the record.

When you configure COMP-1 or COMP-2 values, do not include a precision tag. This is because COMP-1 and COMP-2 fields have defined attributes, such as the length of the field and the decimal precision.

```
[FileType]

FILE_OPTIONS = { filePrefix="pack", pollInterval="1000",
useFilePolling="true", removeAfterProcess="false",
messagesPerTransaction="2", isBinary="true",
        messagesPerTransaction="10",transactionDelay="1000",
        publishSubjectName="PACKED.DATA" }

MESSAGE_FIELDS = {
        messageItem = { position="5", label="PackedNumeric",
                        precision="9,2",convertToString="true",
                        type="PACKED" },
        messageItem = { position="10", precision="10,2",
    label="ZonedNumeric", type="ZONED" },
        messageItem = { position="20", label="PackedNumeric",
                        precision="7,0",convertToString="false",
                        type="BINARY" }
}
```

Example 5 Sample Configuration for VSAM Files

The following example lists the configuration file for publishing a KSDS VSAM file. The important flags are `inputDataset`, which specifies the cluster name and `datasetType`, which specifies that it is a VSAM file. All remaining flags are same as the SEQ file types. Various trigger messages that can be used to publish the file. are also listed.

```
[FileType]

FILE_OPTIONS = {
                 inputDataset         = "TIBCO.KSDS.CLUSTER",
                 filePrefix           = "FTVSAM",
                 dataSetType          = "VSAM",
                 removeLeadingBlanks  = "true",
                 removeTrailingBlanks = "true",
                 publishSubjectName   = "A.FTVSAM",
                 triggerSubjectName   = "TIBCO.KSDS.CLUSTER",
                startPublishSubject  = "START.TIBCO.KSDS.CLUSTER",
                 messagesPerTransaction="2",
                 transactionDelay="5000"
                }
MESSAGE_FIELDS = {
        messageItem = { fieldStart="01", label="emp_number",
type="INTEGER",
                        length="4" },
        messageItem = { fieldStart="05", label="user_id",
type="STRING",
                        length="8" },
        messageItem = { fieldStart="12", label="name",
type="STRING",
                        length="20" },
        messageItem = { fieldStart="32", label="pers_info",
type="STRING",
                        length="37" }
  }
```

To publish the entire file:

```
TIBCO.KSDS.CLUSTER
 {
   RVMSG_STRING  19  "DATA"  "TIBCO.KSDS.CLUSTER"
 }
To publish the file from a specific record until the end of the
file:
TIBCO.KSDS.CLUSTER
 {
   RVMSG_STRING  19  "DATA"  "TIBCO.KSDS.CLUSTER"
   RVMSG_STRING  5  STARTKEY  "5678"
 }
To publish the file from a specific record to a specific record:
TIBCO.KSDS.CLUSTER
 {
   RVMSG_STRING  19  "DATA"  "TIBCO.KSDS.CLUSTER"
   RVMSG_STRING  5  STARTKEY  "5678"
   RVMSG_STRING  5  ENDKEY    "5679"
 }
```

```
To publish the file using the RBA keys starting from the 5th record
to 10th record (the record length of the cluster is 70):
TIBCO.KSDS.CLUSTER
 {
   RVMSG_STRING  19  "DATA"  "TIBCO.KSDS.CLUSTER"
   RVMSG_STRING  4  STARTKEY  "280"
   RVMSG_STRING  4  ENDKEY    "630"
   RVMSG_STRING  2  ISRBARRN  "1"
 }
```

Example 6 Sample Configuration for VSAM Files Using the Alternative Key

This configuration is for publishing the KSDS VSAM file using the alternate key. To do this, `inputDataset` has the PATH name.

```
[FileType]
FILE_OPTIONS = {
                 inputDataset = "TIBCO.TFA.KSDS.CLUSTER.UPATH",
                 vsamAltIndex=" TIBCO.TFA.KSDS.CLUSTER.UPATH",
                 vsamAltIndex=" TIBCO.TFA.KSDS.CLUSTER.NUPATH",
                 filePrefix = "FTVSAM",
                 dataSetType = "VSAM",
                 removeLeadingBlanks  = "true",
                 removeTrailingBlanks = "true",
                 publishSubjectName   = "A.FTVSAM",
                 triggerSubjectName   = "TIBCO.TFA.KSDS.CLUSTER",
                 startPublishSubject  =
"START.TIBCO.TFA.KSDS.CLUSTER",
                 messagesPerTransaction="2",
                 transactionDelay="5000"
               }
MESSAGE_FIELDS = {
        messageItem = { fieldStart="01", label="emp_number",
type="INTEGER",
                        length="4" },
        messageItem = { fieldStart="05", label="user_id",
type="STRING",
                        length="8" },
        messageItem = { fieldStart="12", label="name",
type="STRING",
                        length="20" },
        messageItem = { fieldStart="32", label="pers_info",
type="STRING",
                        length="37" }
  }
```

To publish the contents of the `KSDS` file using the `AltIndex` starting with binary integer keys 1234 and ending at key 5678:

```
TIBCO.TFA.KSDS.CLUSTER
 {
  RVMSG_STRING 25 DATA "TIBCO.TFA.KSDS.CLUSTER.UPATH"
  RVMSG_STRING 5 HEXSTARTKEY "F1F2F3F4"
  RVMSG_STRING 5 HEXENDKEY "F5F6F7F8"
 }
```

Following are trigger messages for publishing the files. To publish the contents of the `ESDS` file starting with `RBA 1020` and continuing for a maximum of 20 records:

```
TIBCO.SAMPLE2
 {
   RVMSG_STRING  18  DATA  "TIBCO.TFA.ESDS.SAMPLE2"
   RVMSG_STRING  4  STARTKEY  "1020"
   RVMSG_STRING  1  ISRBARRN  "1"
   RVMSG_STRING  2  MAXRECORDS  "20"
 }
```

To publish the contents of the `RRDS` file starting with `RRN 100` and continuing for a maximum of 10 records:

```
TIBCO.SAMPLE3
 {
   RVMSG_STRING  18  DATA  "TIBCO.TFA.RRDS.SAMPLE3"
   RVMSG_STRING  4  STARTKEY  "100"
   RVMSG_STRING  1  ISRBARRN     "1"
   RVMSG_STRING  2  MAXRECORDS  "10"
 }
```

Example 7 Sample Configuration for using ECM with ECMSubscriberName

This configuration is for publishing a file using ECM with `__TIBCO_AE_ADAPTER_FAFT_*.`<*subject name*> administrative messages handshake.

```
[FileType]
FILE_OPTIONS = {filePrefix             = "PB026",
                dataSetType            = "SEQ",
                useFilePolling         = "false",
                useExplicitConfirmation= "true",
                publishSubjectName     = "A.FT11",
                triggerSubjectName     = "TRIG.PUB018",
                ECMSubscriberName      = "SUB1",
                ECMSubscriberName      = "SUB2",
                blockTransferMode      = "true",
                messagesPerTransaction = "3",
                transactionDelay       = "5000",
                retransmissionDelayTicks = "10",
                noWaitAfterConfirmation= "true",
                isBinary               = "true",
                endPublishSubject      = "END.BLOCK_TRANSFER.FILE"
                }
```

Example 8 Configuration for EMS

```
[Trace]
FILE_NAME    =  "KISHORE.TEST.LOG"
FILE_COUNT   =  "5"
FILE_LIMIT   =  "10000"
TRACE_LEVEL  =  3
PRINT_STDOUT =  "true"
[Options]
EMS_SESSION = { providerURL="tcp://<EMSserver_address:Port>",
                user = "", password = "" }
 INPUT_DATASET      = "KISHORE.FT11.INPDS"
 PROCESS_DATASET    = "KISHORE.FT11.PRSPDS"
 ERROR_DESTINATION          = "ERROR.PUB003"
 OUTPUT_DATASET     = "KISHORE.FT11.OUTPDS"
 ADAPTER_NAME       = "PUB003"
 PUBLISH_HEARTBEAT  = "true"
 HEARTBEAT_TIME     = "30000"
 EPM_DESTINATION    = "A.EMSP001"
 HOST_CODEPAGE      = "IBM-1047"
 NETWORK_CODEPAGE   = "UTF-8"
[FileType]
FILE_OPTIONS = {
  filePrefix                  = "FT11",
  pollInterval                = "30000",
  useFilePolling              = "false",
  startAtLine                 = "1",
  messagesPerTransaction      = "2",
  delimiter                   = "|",
  publishDestinationName      = "A.FT11",
  publishDestinationType      = "TOPIC",
  deliveryMode                = "non-persistent",
  startPublishDestinationName = "A.FT11.START",
  endPublishDestinationName   = "A.FT11.END",
  JMS_TIBCO_MSG_TRACE         = "body",
  transactionDelay            = "1000",
  dataSetType                 = "PDS",
  triggerDestinationName      = "PUB003.TRIG.FT11",
  triggerDestinationType      = "QUEUE",
  removeLeadingBlanks         = "false",
  removeTrailingBlanks        = "true",
  inputDataset                = "KISHORE.FT11.INPDS",
  processDataset              = "KISHORE.FT11.PRSPDS",
  outputDataset               = "KISHORE.FT11.OUTPDS"
 }
MESSAGE_FIELDS = {
       messageItem = { location="1", label="Label1", type="STRING"
},
      messageItem = { location="2", label="Label2",
                      type="STRING" },
       messageItem = {
                     location="3", label="Label3",
                      type="STRING"
                    },
       messageItem = {
```

```
                        location="4", label="Label4",
                         type="STRING"
                       },
        messageItem = {
   location="0", label="Label5", constant="true",
                        type="STRING", value="04"
                       },
        messageItem = {
   location="6", label="Label6",
                         type="FLOAT"
                       },
         messageItem = { location="0", label="TimeStamp",
type="TIME",
       constant="true", value="TimeStamp" }
}
```

Example 9 Sample Configuration for Multiple File Types in a single Config file

This configuration demonstrates how multiple File Types can be defined in a single config file. Up to a maximum of 512 File Types can be defined in a single config file. A single config file can contain any combination of record mode, block mode, VSAM, SEQ, or PDS files.

```
[Trace]
FILE_NAME = "DUQAINE.TEST.LOG"
FILE_COUNT = "5"
FILE_LIMIT = "10000"
TRACE_LEVEL = 3
PRINT_STDOUT = "true"
TZ="EST5EDT"

[Options]
RV_SESSION = { name="FilePublisher_01",
service = "", network = "", daemon = "" }
INPUT_DATASET = "DUQAINE.FT11.INPDS"
PROCESS_DATASET = "DUQAINE.FT11.PRSPDS"
ERROR_SUBJECT = "ERROR.PUB001"
OUTPUT_DATASET = "DUQAINE.FT11.OUTPDS"
ADAPTER_NAME = "PUB003"
PUBLISH_HEARTBEAT = "true"
HEARTBEAT_TIME = "30000"
EPM_SUBJECT = "A.RVPUB001"
HOST_CODEPAGE = "IBM-1047"
NETWORK_CODEPAGE = "UTF-8"
[FileType]
FILE_OPTIONS = {
inputDataset = "TIBCO.TFA.KSDS.CLUSTER.UPATH",
vsamAltIndex=" TIBCO.TFA.KSDS.CLUSTER.UPATH",
vsamAltIndex=" TIBCO.TFA.KSDS.CLUSTER.NUPATH",
filePrefix = "FTVSAM",
dataSetType = "VSAM",
removeLeadingBlanks = "true",
removeTrailingBlanks = "true",
publishSubjectName = "A.FTVSAM",
triggerSubjectName = "TIBCO.TFA.KSDS.CLUSTER",
startPublishSubject = "START.TIBCO.TFA.KSDS.CLUSTER",
```

```
messagesPerTransaction="2",
transactionDelay="5000"
}
MESSAGE_FIELDS = {
messageItem = { fieldStart="01", label="emp_number",
type="INTEGER",
length="4" },
messageItem = { fieldStart="05", label="user_id", type="STRING",
length="8" },
messageItem = { fieldStart="12", label="name", type="STRING",
length="20" },
messageItem = { fieldStart="32", label="pers_info", type="STRING",
length="37" }
}
[FileType]
FILE_OPTIONS = {filePrefix = "PB026",
dataSetType = "SEQ",
useFilePolling = "false",
useExplicitConfirmation = "true",
publishSubjectName = "A.FT11",
triggerSubjectName = "TRIG.PUB018",
ECMSubscriberName = "SUB1",
ECMSubscriberName = "SUB2",
blockTransferMode = "true",
messagesPerTransaction = "3",
transactionDelay = "5000",
retransmissionDelayTicks = "10",
noWaitAfterConfirmation = "true",
isBinary = "true",
endPublishSubject = "END.BLOCK_TRANSFER.FILE"
}

[FileType]
FILE_OPTIONS = { filePrefix="ft1",
useFilePolling="true", pollInterval="5000",
datasetType="PDS",
inputDataset="TIBFA.TEST.IN",
processDataset="TIBFA.TEST.PROCESS",
outputDataset="TIBFA.TEST.OUT",
useFieldWidth="false", delimiter="|",
publishSubjectName="A.B"
}
MESSAGE_FIELDS = {
messageItem = { location="1", label="PartNo", type="STRING" },
messageItem = { location="2", label="Desc", type="STRING" },
messageItem = { location="3", label="Manufacturer", type="STRING"
},
messageItem = { location="4", label="Model", type="STRING" },
messageItem = { location="5", label="Quantity", type="INTEGER" },
messageItem = { location="6", label="Price", type="FLOAT" },
}
```

Example 10 Nesting of Mapped Messages

When nesting map messages, child messages are nested inside a stream message. This allows the nested map messages to be retrieved in the order in which they were inserted from inside the stream message without extra effort. In addition, at each transaction boundary, each map message will identify itself with an internal name-value pair generated by the FilePublisher. This internal name-value pair appears as follows:

```
aXxXCONSTRAINTXxXa={String:dytsth}
```

where `dytsth` is the name defined for the container name in the CONSTRAINT.

Sample MESSAGE_FIELDS definitions:

```
MESSAGE_FIELDS = { CONSTRAINT = {POSITION = "0", length = "1",
                   value = "H", startnewmessage = "true",
                   containername = "dytsth" } ,
   MESSAGEITEM = { position="0", length = "1",
                   label="hdrRec", type="STRING" },
   MESSAGEITEM = { position="1", length = "11",
                   label="hPartNo", type="STRING" },
   MESSAGEITEM = { position="12",length = "15",
                   label="hDesc", type="STRING" },
   MESSAGEITEM = { position="27",length = "11",
                   label="hManufacturer", type="STRING" },
   MESSAGEITEM = { position="38",length = "12",
                   label="hModel", type="STRING" } }

MESSAGE_FIELDS = { CONSTRAINT = {POSITION = "0", length = "1",
                   value = "D", startnewmessage = "false",
                   containername = "dytstd" } ,
   MESSAGEITEM = { position="0", length = "1",
                   label="dtlRec", type="STRING" },
   MESSAGEITEM = { position="1", length = "11",
                   label="PartNo", type="STRING" },
   MESSAGEITEM = { position="12",length = "15",
                   label="Desc", type="STRING" },
   MESSAGEITEM = { position="27",length = "11",
                   label="Manufacturer", type="STRING" },
   MESSAGEITEM = { position="38",length = "12",
                   label="Model", type="STRING" }
   }
```

Sample input data file:

```
Hpartnumber1description1111manufact111modelnum1111
Dpartnumber1description1111manufact111modelnum1111
Hpartnumber2description2222manufact222modelnum2222
DpartnumberXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Dpartnumber2description2222manufact222modelnum2222
Hpartnumber3description3333manufact333modelnum3333
Dpartnumber3description3333manufact333modelnum3333
```

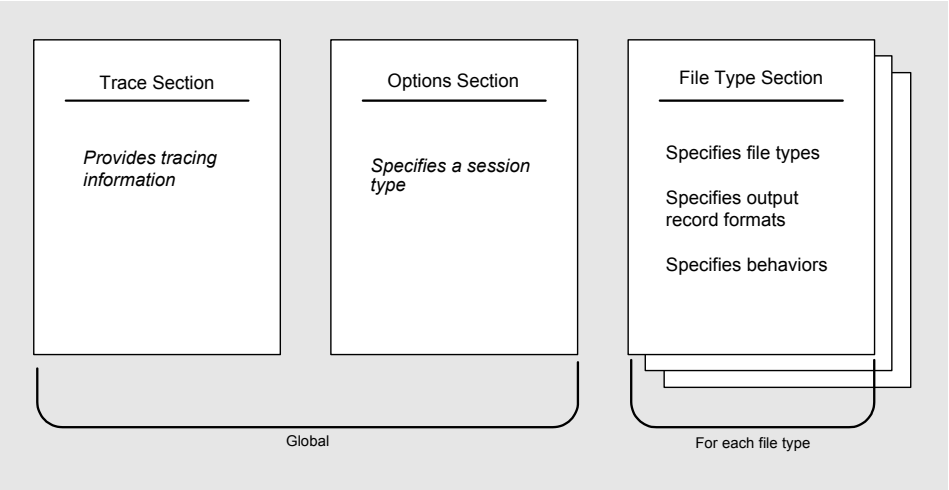
The following four messages would be generated and sent by the FilePublisher:

```
StreamMessage={ Header={
JMSMessageID={ID:EMS-SERVER.7B84B0D3513102:25}
JMSDestination={Queue[DY.MRECFM.FILE.BACKUP]} JMSReplyTo={null}
JMSDeliveryMode={PERSISTENT} JMSRedelivered={false}
JMSCorrelationID={null} JMSType={null} JMSTimestamp={Thu Dec 03
10:03:43 EST 2009} JMSExpiration={0} JMSPriority={4} } Properties={
JMS_TIBCO_MSG_EXT={Boolean:true} } Fields={ {MapMsg:{
hDesc={String:description1111} hModel={String:modelnum1111}
aXxXCONSTRAINTXxXa={String:dytsth} hPartNo={String:partnumber1}
hManufacturer={String:manufact111} hdrRec={String:H} }} {MapMsg:{
Manufacturer={String:manufact111} Model={String:modelnum1111}
aXxXCONSTRAINTXxXa={String:dytstd} PartNo={String:partnumber1}
dtlRec={String:D} Desc={String:description1111} }} } }

StreamMessage={ Header={
JMSMessageID={ID:EMS-SERVER.7B84B0D3513102:26}
JMSDestination={Queue[DY.MRECFM.FILE.BACKUP]} JMSReplyTo={null}
JMSDeliveryMode={PERSISTENT} JMSRedelivered={false}
JMSCorrelationID={null} JMSType={null} JMSTimestamp={Thu Dec 03
10:03:44 EST 2009} JMSExpiration={0} JMSPriority={4} } Properties={
JMS_TIBCO_MSG_EXT={Boolean:true} } Fields={ {MapMsg:{
hDesc={String:description2222} hModel={String:modelnum2222}
aXxXCONSTRAINTXxXa={String:dytsth} hPartNo={String:partnumber2}
hManufacturer={String:manufact222} hdrRec={String:H} }} {MapMsg:{
Manufacturer={String:manufact222} Model={String:modelnum2222}
aXxXCONSTRAINTXxXa={String:dytstd} PartNo={String:partnumber2}
dtlRec={String:D} Desc={String:descriptionXXXX} }} {MapMsg:{
Manufacturer={String:manufact222} Model={String:modelnum2222}
aXxXCONSTRAINTXxXa={String:dytstd} PartNo={String:partnumber2}
dtlRec={String:D} Desc={String:description2222} }} } }

StreamMessage={ Header={
JMSMessageID={ID:EMS-SERVER.7B84B0D3513102:27}
JMSDestination={Queue[DY.MRECFM.FILE.BACKUP]} JMSReplyTo={null}
JMSDeliveryMode={PERSISTENT} JMSRedelivered={false}
JMSCorrelationID={null} JMSType={null} JMSTimestamp={Thu Dec 03
10:03:44 EST 2009} JMSExpiration={0} JMSPriority={4} } Properties={
JMS_TIBCO_MSG_EXT={Boolean:true} } Fields={ {MapMsg:{
hDesc={String:description3333} hModel={String:modelnum3333}
aXxXCONSTRAINTXxXa={String:dytsth} hPartNo={String:partnumber3}
hManufacturer={String:manufact333} hdrRec={String:H} }} {MapMsg:{
Manufacturer={String:manufact333} Model={String:modelnum3333}
aXxXCONSTRAINTXxXa={String:dytstd} PartNo={String:partnumber3}
dtlRec={String:D} Desc={String:description3333} }} } }

MapMessage={ Header={
JMSMessageID={ID:EMS-SERVER.7B84B0D3513102:28}
JMSDestination={Queue[DY.MRECFM.FILE.BACKUP]} JMSReplyTo={null}
JMSDeliveryMode={PERSISTENT} JMSRedelivered={false}
JMSCorrelationID={null} JMSType={null} JMSTimestamp={Thu Dec 03
10:03:44 EST 2009} JMSExpiration={0} JMSPriority={4} } Properties={
} Fields={ HOSTNAME={String:IBMI-V5R4.NA.TIBCO.COM}
RecordNumber={Integer:0} filename={String:DY2A} eof={Boolean:true}
numofretries={Integer:1} NumberOfMessages={Integer:3}
trackingid={String:Kq2@@D@@GlPVoE@56azzxkDkzzw}
version={String:5.0} USERID={String:} } }
```

FileSubscriber Configuration File

The FileSubscriber configuration file contains three sections: Trace, Options, and one or more FileType sections.

Figure 12 Sections of a FileSubscriber Configuration File



Detailed information about each section can be found using the table below:

Section
Trace Section on page 98
Options Section on page 101
FileType Section on page 110

Element Syntax

Each section consists of elements; elements consist of parameters surrounded by curly brackets. Each parameter has either a value or consists of tags, surrounded by curly brackets.

For example, the `FILE_OPTIONS` element shown below consists of parameters with values, separated by commas:

```
FILE_OPTIONS = { filePrefix = "ft2", datasetType = ”SEQ”,
           skipPadding=”false”, outputDataset=”TIBCO.TEST.OUTPUT”,
           subscribeSubjectName = "A.C" }
```

The `FILE_LINE` element shown below consists of a number of `field` parameters that have as their value a set of tags with values (separated by commas).

```
FILE_LINE = {
   field = { description = "Part Number", fromMessage="true",
         length = ”6”,type="STRING", value="PartNo", length = ”11”,
         position=”0”},

   field = { description = "Description", fromMessage="true",
         type="STRING", value="Desc", length = ”15”,
         position=”11” },
     ..........}
```

Enclose each element, parameter set, and tag set in curly brackets {}, as illustrated in the examples.

JCL Consideration

Publisher or subscriber programs can locate the configuration file in the following two ways:

- Both programs can identify the `INI` file either through the `PARM=` or `DD` name.
- If the `INI` file is not specified in the `PARM=` parameter on the `EXEC` card, then the programs locate the `INI` file using the `DD name //INIFILE`.

Trace Section

You use the Trace section to specify the tracing behavior of FileSubscriber. This should be the first section in the configuration file. The elements specified in this section are listed below; all are required (except those used at the request of TIBCO Support).

Element	Description
`FILE_COUNT`	Number of log files to keep. Each saved old log file name has a number from 1 to the `FILE_COUNT` value minus 1 suffixed to it. For example, if `FSLOG` is specified as the `FILE_NAME`, then the latest saved old log file is named `FSLOG1`. If `FILE_COUNT` is set to 5, then there are four saved log files, named `FSLOG1` through `FSLOG4`.
`FILE_LIMIT`	Size of the log file in bytes. When this limit is exceeded, the current log file is saved, and a new log file is created.
`FILE_NAME`	Identifies the log file to be used for trace messages. This must be a sequential data set. If the data set does not exist, then FileSubscriber creates it.
`PRINT_STDOUT`	Specifies whether to send the trace messages also to the standard output (`STDOUT`) of the job log. Setting this element to `true` causes trace messages to be placed in the job log as well as written to a log file. Setting this element to `false` means that trace messages are only written to a log file.
`TRACE_EMS_EPM_ERROR_MSGS`	Specifies if JMS tracing should be enabled for ERROR or EPM messages when using EMS. Valid values are none, epm, error, both. Default is none. A value of EPM will turn on JMS Message `body` tracing for all EPM messages sent by the Adapter to the EEM_DESTINATION. A value of error will turn on JMS Message `body` tracing for all ERROR messages sent by the Adapter to the ERROR_DESTINATION. A value of both will turn on JMS Message `body` tracing for all EPM and ERROR messages sent by the Adapter.
`TRACE_EMS_HEARTBEAT_MSGS`	Specifies if JMS tracing should be enabled for HEATBEAT messages when using EMS. Valid values are true, false. Default is false. A value of true will turn on JMS Message `body` tracing for all Heartbeat messages sent by the Adapter.
`TRACE_HEAP`	Used for diagnostic tracing in cases of memory exhaustion. Only used at the request of TIBCO Support. Valid value: `true`

Element	Description
TRACE_LEVEL	The kind of information that FileSubscriber should log. FileSubscriber generates trace messages according to a trace level (1, 2, or 3) that you specify with this element. • **Trace level 1** generates the following session-level messages: — Initialization of TIBCO EMS/Rendezvous, including the version number — TIBCO EMS/Rendezvous sessions created — Generate file trigger-subjects set for each file type • **Trace level 2** generates level 1 messages plus all the following values loaded from the configuration file: — All values loaded from the Options section of the configuration file — All values loaded from the FileType sections of the configuration file • **Trace level 3** generates level 1 and 2 messages plus the following field-related messages: — Field processing information (label type, etc.) — Certified Messaging publisher information (name, sequence number, etc.) — Message buffer reallocation — All key I/O Open/Close actions against S/390 files. — Traces flow through key publishing modules. — Traces flow of re-Publishing requests. • **Trace level 4** for detailed tracing. Usually used only at the request of TIBCO Support. — Traces detailed I/O calls for reading/writing data. — Traces detailed processing of Container fields

Element	Description
TRACE_LEVEL *(Contd.)*	• **Trace level 5** for detailed tracing. Usually used only at the request of TIBCO Support. — Traces all TIBCO RV or EMS received message callbacks • **Trace Level 6** generates level 1 through 5 messages. Usually used only at the request of TIBCO Support. — Traces all detailed Timer callbacks used for handling ECM Admin messages, Re-Publish Messages, File Lock retry, HeartBeat Messages, etc. • **Trace Level 10** generates Level 1 through 6 messages. Usually used only at the request of TIBCO Support. — Detailed trace of all RV/EMS message allocates and frees — Detailed trace of Heap usage during message processing • **Trace Level 15** generates Level 1 through 10 messages. Usually used only at the request of TIBCO Support. — Detailed message content trace (traces the actual contents of the messages, up to 32K bytes)
TRACE_ SWITCHES	Special trace switches used by TIBCO support. Do not set this unless explicitly told to by TIBCO support. Valid values are an 8 byte text string. Default is NNNNNNNN.
UNIT_TRACE	Allows non-SMS (System-Managed Storage) sites to specify the associated UNIT parameter to be used with the VOLSER for trace (.LOG) files. See VOLSER_TRACE, below.
VOLSER_TRACE	Allows non-SMS (System-Managed Storage) sites to specify a specific MVS volume (or set of volumes) to be used for storing trace (.LOG) files. Must be used with the UNIT_TRACE element. See UNIT_TRACE, above.

Element	Description
`TZ`	Sets the timezone to be used in calculating local times for trace messages and EEM messages. Valid values: • PST8PDT -- Pacific Standard Time • MST7MDT -- Mountain Standard Time • CST6CDT -- Central Standard Time • EST5EDT -- Eastern Standard Time For customers in time zones other than the ones specified above, the appropriate TZ string should be specified. For example, mainland European times can be specified as `PARM='ENVAR("TZ=XXX-1YYY,J84,J301"),RPTOPTS(ON),/'` See the Appendix describing setting the TZ variable, in the IBM Manual: UNIX System Services Command Reference.

Options Section

You use the Options section for the following:

- Establish the type of TIBCO EMS or Rendezvous session to be used by FileSubscriber for subscribing
- Name the Adapter instance
- Control heartbeat messages
- Define certain global elements that apply to all file types defined in the configuration file.

You can override these global elements in the FileType section.

Element	Description
ADAPTER_NAME	Specifying this element uniquely identifies the Adapter instance. This element: • Sets the terminate subject or destination (for EMS) to _FILEADAPTER.<*adapter name*>.TERMINATE. This is used to stop FileSubscriber. • Sets the heartbeat subject or destination (for EMS) to _FILEADAPTER.<*adapter name*>.HEARTBEAT. This is used to send heartbeat messages, but does not mean that heartbeats are always sent. For terminate messages, the default destination type is QUEUE. For heartbeat messages, the default destination type is TOPIC.
CONTINUE_ON_CONFIG_ERROR	Specifies whether to abend the Adapter when it first encounters an initialization error. If set to `true` and, if a configuration error is found for a file, generate a message to the log and go on to the next file. If set to `false`, abend the Adapter. Valid values: `true`, `false`. Default is `false`.
DELETE_SUB_PRG_FILES	Indicates that the progress file is to be deleted at end of file transfer. Valid values: `true`, `false`. Default is `false`.
EEM_SUBJECT	Identifies the subject for messages that the Adapter will pass to TIBCO BusinessEvents. The value is the destination to which the event messages should be routed.
EEM_DESTINATION	Identifies the destination for messages that the Adapter will pass to TIBCO BusinessEvents. The value is the destination to which the event messages should be routed. For EMS the default is QUEUE.

Element	Description
EMS_SESSION	Specifying this element along with the following required parameters establishes reliable mode publishing: • providerURL — The URL of the TIBCO EMS server • name — Unique name for the connection (optional) • username — The user name used to connect to the EMS server • password — The password for the user.
ERROR_DESTINATION	Specifies where error messages should be published. If this parameter is not blank, all traceErr and FatalErr messages are copied and sent to that destination. Valid values: blank or a string. Default is blank "". **Note**: Specify this field at the end of the Options section. Since the Rendezvous transport or EMS connection is not created until the end of the Options section, any error that occurs before this cannot be published.
ERROR_EXIT_CC	Specifies MVS condition code at exit. Valid values: 4, 8. Default is 8.
ERROR_SUBJECT	Specifies where the error message should be published. If this is not blank, all traceErr and FatalErr messages are copied and sent to that subject. Valid values: blank, string. Default is blank “”.
HEARTBEAT_FILE_INFO	If set to true, additional file type information is published in the heartbeat message. For example, file prefix, file extension, and number of messages published are included. Valid values: true, false. Default is true.
HEARTBEAT_TIME	Specifies the interval in milliseconds between heartbeat messages. The default is 60000 milliseconds, or 60 seconds.
HOST_CODEPAGE	Works with the codepage support in TIBCO Rendezvous 7.1 or EMS 4.2 and above. Specifies the translation table to use on the mainframe (z/OS) side. Defaults to codepage 1047, which is the standard default for U.S., Canadian, and western European EBCDIC “Latin-1” systems.

Element	Description
NETWORK_CODEPAGE	Works with the codepage support in TIBCO Rendezvous 7.1/EMS 4.2 and above. Specifies the expected codepage sent by any remote subscribers. Defaults to ISO-8859-1, which is the standard Latin-1 codepage for personal computers and UNIX systems.
OUTPUT_DATASET	Specifies the default output data set to be used for any file type. This will be suffixed appropriately for the actual output data sets. For details about the actual output data set name and storage considerations, see Output File Naming on page 13. You must identify which data set contains the file(s) that you want to create. You can use the FILE_OPTIONS section to identify a default output data set's higher level qualifier at a global level. In addition, you can specify an output data set for each file type. You must identify which data set contains the file(s) that you want to create. You can use the Options section to identify a default output data set's higher level qualifier at a global level. You can also specify an output data set for each file type. See Configuring the FILE_OPTIONS Element on page 111
PRINT_FILE_OPTIONS	If true, prints all configuration information at adapter startup. Valid values: `true`, `false`. Default is true.
PROGRESS_DATASET	Allows you to group all Progress (.PRG) files under a common high-level qualifier. Use the following parameter to specify an HLQ that will be prepended to all .PRG files generated by Adapter for Files z/OS: `hlq.`*qualifier* where *qualifier* is a user-defined string.
PUBLISH_HEARTBEAT	If set to `true`, the publishing of heartbeat messages is enabled. If not specified, defaults to `false`, i.e., heartbeat messages are not published. For EMS, heartbeat messages are sent to EMS TOPIC by default.

Element	Description
`QUEUE_LIMIT`	Limits the number of data blocks that the publisher can asynchronously send to prevent over-consumed or exhausted memory. This element only supports implementations using SFT (Simple File Transfer) and ECM (Explicit Confirmation Mode). The value is one or more digits specifying the maximum depth of the RV Listen queue for incoming data block messages. The minimum value is 6. The default is 0. The recommended value when Subscriber is receiving messages at a rate of 1 msg/sec is 80. The recommended RegionSize setting for Subscriber Job is 160M, for message sizes from 128K to 512K. This release of the Adapter is tuned to handle message sizes 128K to 512K. If you are using message sizes less than 128K, the subscriber performance may be affected. If the Adapter has any memory problems with the above recommended steps, please contact TIBCO support. **Warning**: `QUEUE_LIMIT should be used` only in ECM or RVCM transport mode. Do not use in RV transport mode. Doing so may result in lost data.
`RV_SESSION`	If you include this element, **do not** include the `RVCM_SESSION` element. Specifying this element along with the following required parameters establishes a reliable mode of publishing. • `name` — Unique alphanumeric name identifying the TIBCO Rendezvous session • `service` — Service group for this session • `network` — Network to initialize a TIBCO Rendezvous session • `daemon` — Name of the TIBCO Rendezvous daemon for this session

Element	Description
`RVCM_SESSION`	If you include this element, **do not** include the `RV_SESSION` element. Specifying this element establishes a Certified Messaging session. Include the same parameters as listed for `RV_SESSION`, plus the following: • `ledgerFile` — Name of the file-based ledger for Certified Messaging. This file is created in the Integrated File System. • `requireOldMessages` — Indicates whether a persistent correspondent requires delivery of messages sent to a previous session with the same name for which delivery was not confirmed. Setting this parameter to `true` enables delivery of old unacknowledged messages; setting it to `false` does not. • `defaultTimeLimit` — Sets the default message time limit for all outbound certified messages. Specify the time in whole seconds. • `syncLedger` — If you want to use a synchronous ledger file, set this parameter to `true`. The default for this is `false`, meaning an asynchronous ledger file is used.

Element	Description

SECURITY_CHECK_FILE	If set, this parameter contains the name of the mapping file to use to map incoming user ids into userids on the local system. Once the mapping is performed, a RACF CHECK is performed on any user-id for an incoming File being subscribed to, to ensure that the user has the authority to update the associated z/OS file.
	
	Here is the file layout for security file
	
	• nodeid max 65 chars
	• in_uid max 65 chars
	• mapped_uid max 65 chars
	
	All lines begin with '--' are comment line
	
	Note: The FileAdapter `loadlib` must be "*APF authorized*" if you intend to activate the RACF check function. Please contact your system programmer for this procedure.
	
	Here is an example:
	`-- This is a security file for FileSubscriber`
	`--Purpose: To map the userid's coming from other`
	`--platforms to the ones on z/OS system.`
	`--Comments in this file start with '--'.`
	`--Node  Publisher UserId  Subscriber Mapped`
	`--  UserId`
	`BATMAN-DT  batlab  BATMAN`
	`BATMAN-DT  batlab  BATMAN2`
	`MARS  BATMAN  BATMAN`
	`MARS  BATMAN2  BATMAN2`
	`BATMAN-DT  ROBIN  BATMAN`
	`BATMAN-DT  ROBIN  BATMAN2`

TERMINATE_ON_RV_SEND_FAIL	Specifies the Adapter should abend if it cannot successfully call the API tibrvsend. This flag is only applicable to record mode processing. If the file is in block mode, the flag will be ignored and the Adapter will be abended. Upon recovery, the Adapter will re-sync to the last check point. In the case of standard block mode, the entire file will be retransmitted. In ECM, retransmission will begin with the last block that was successfully acknowledged. Valid values: `true`, `false`. Default is `false`.

Element	Description
`UNIT_CWK`	For implementations that do not use SMS (System-Managed Storage), this element allows you to specify a UNIT parameter to be used with the VOLSER for work (.CWK) files. (See `VOLSER_CWK` below.) `UNIT_CWK = "`*unit*`"` If you need assistance determining the correct UNIT value to use, contact your MVS systems programmer.
`UNIT_GDG`	For implementations that do not use SMS (System-Managed Storage), this element allows you to specify a UNIT parameter to be used with the VOLSER for GDG output files. (See `VOLSER_GDG` below.) `UNIT_GDG = "`*unit*`"` If you need assistance determining the correct UNIT value to use, contact your MVS systems programmer.
`UNIT_OUTPUT`	For implementations that do not use SMS (System-Managed Storage), this element allows you to specify a UNIT parameter to be used with the VOLSER for SEQ (sequential) output files. (See `VOLSER_OUTPUT` below.) `UNIT_OUTPUT = "`*unit*`"` If you need assistance determining the correct UNIT value to use, contact your MVS systems programmer.
`UNIT_PRG`	For implementations that do not use SMS (System-Managed Storage), this element allows you to specify a UNIT parameter to be used with the VOLSER for Progress (.PRG) files. (See `VOLSER_PRG` below.) `UNIT_PRG = "`*unit*`"` If you need assistance determining the correct UNIT value to use, contact your MVS systems programmer.

Element	Description
VOLSER_CWK	For implementations that do not use SMS (System-Managed Storage), this element allows you to specify a specific MVS volume (or set of volumes) to be used for storing File Adapter work (.CWK) files. Must be used with UNIT_PRG. VOLSER_CWK = "*volume*" VOLSER_CWK = "*volume,volume*" where *volume* is a valid setting for MVS volume. The maximum number of VOLSER values you can set is 59. If you need assistance determining the correct VOLSER names to use, contact your MVS systems programmer.
VOLSER_GDG	For implementations that do not use SMS (System-Managed Storage), this element allows you to specify a specific MVS volume (or set of volumes) to be used for storing File Adapter GDG output files. Must be used with UNIT_GDG. VOLSER_GDG = "*volume*" VOLSER_GDG = "*volume,volume*" where *volume* is a valid setting for MVS volume. The maximum number of VOLSER values you can set is 59. If you need assistance determining the correct VOLSER names to use, contact your MVS systems programmer.
VOLSER_OUTPUT	For implementations that do not use SMS (System-Managed Storage), this element allows you to specify a specific MVS volume (or set of volumes) to be used for storing File Adapter SEQ (sequential) output files. Must be used with UNIT_PRG. VOLSER_OUTPUT = "*volume*" VOLSER_OUTPUT = "*volume,volume*" where *volume* is a valid setting for MVS volume. The maximum number of VOLSER values you can set is 59. If you need assistance determining the correct VOLSER values to use, contact your MVS systems programmer.

Element	Description
VOLSER_PRG	For implementations that do not use SMS (System-Managed Storage), this element allows you to specify a specific MVS volume (or set of volumes) to be used for storing progress (.PRG) files. Must be used with UNIT_PRG. VOLSER_PRG = "*volume*" VOLSER_PRG = "*volume,volume*" where *volume* is a valid setting for MVS volume. The maximum number of VOLSER values you can set is 59. If you need assistance determining the correct VOLSER names to use, contact your MVS systems programmer.
WORKFILE_DATASET	Allows you to group all File Adapter Work (.CWK) files under a common high-level qualifier (HLQ). Use the following parameter to specific an HLQ that will be prepended to all .CWK files generated by Adapter for Files z/OS: hlq.*qualifier* where *qualifier* is a user-defined string.
WRITE_TO_SYSLOG	Specifies write z/OS errors to SYSLOG. Each message includes date and time information. The format is standard IBM style message format, that is, AAAnnnnnn header followed by message text. Valid values: true, false. Default is false.

FileType Section

Use the FileType section of the FileSubscriber configuration file to describe the file that is to be written. The FileType section consists of two elements:

- FILE_OPTIONS (See Configuring the FILE_OPTIONS Element.)
- FILE_LINE (See Configuring the FILE_LINE Element on page 122.)

Configuring the FILE_OPTIONS Element

This section describes the parameters for configuring the `FILE_OPTIONS` element. A config file can have multiple [FILE_OPTIONS] definitions in a single file. See the File Subscriber Examples section to see how this is done.

Parameter	Description
`filePrefix (required)`	Used to construct the name of the file that is written to the output data set by FileSubscriber. Specify a value of up to 8 characters. Also used by FileSubscriber for deriving the names of the progress file and the work file.
`subscribeSubjectName (required)`	Specifies the subject name to subscribe to for this file type.
`subscribeDestinationName`	Specifies the destination name to subscribe to for this file type.
`subscribeDestinationType`	Specifies the type of destination to subscribe to for this file type. For additional details, see JMS Overview on page 19. Valid values: `TOPIC`, `QUEUE`. Default is `TOPIC`.
`JMS_TIBCO_MSG_TRACE`	Specifies whether the entire message, or only the header of the message, is traced. For additional details, see JMS Message Structure on page 22. Valid values: `body`, `null`.

Parameter	Description
Publishing Correlation Identifier	
`useTrackingId`	Specifies that a `trackingId` message is to be sent by the subscriber. This message is created after the subscriber finishes writing the file and receiving the EOF acknowledgement from the publisher. Valid values: `true`, `false`. Default is `false`. If this value is `true`, the following additional fields are attached to the message published to `trackingIdSubject`: • `AdapterName` • `FileName` • `FileExtension` (NT only, null if z/OS) • `FilePrefix` (FileType Prefix) • `FileSize` • `fileTransferDuration` • `DateTime` • `TransferMode` (BLOCK or RECORD) • `PubLocalResult` (Publisher's Local result = 0 or 8) • `Result` (0 or 4 or 8 = OK or Fail) Overall transfer result from Subscriber • `status` (Succeeded or Failed) • `HostName` • `Subject` • `trackingId`
`trackingIdSubject`	Name of the subject on which messages containing the `trackingId` information are published.
`trackingIdDestinationName`	Name of the destination to which messages containing the `trackingId` information are published.
Data Set Type	
`datasetType`	Specifies the type of data set for this file type. This can be `SEQ` for sequential data sets, `GDG` for Generation Dataset Groups,`PDS` for partitioned datasets, or `VSAM` for Virtual Storage Access Method.

Parameter	Description
Output File Allocation	
`outputDataset`	The higher-level qualifier for the output data set for this file type. The default is what is specified in the `OUTPUT_DATASET` element of the Options section. Output File Naming on page 13 describes how a complete data set name is derived for output in the case of SEQs, GDGs, and VSAM. **NOTE**: VSAM and GDG file types must be pre-allocated before subscribing to them.
`primaryAlloc`	Primary allocation size for work and output data sets in cylinders (CYL). Default is 2. (This value is used only for sequential and GDG file types and for temporary work files).
`secondaryAlloc`	Specifies the secondary allocation space for work and output data sets in cylinders (CYL). Default is 1. (This value is used only for sequential and GDG file types and temporary work files).
`blockSizeAlloc`	Specifies the block size of the subscriber file. Setting this value is highly recommended. See How FileSubscriber Determines blockSizeAlloc on page 131 for additional information.
`lineLength`	Maximum number of characters constituting a line in the output file. This parameter is valid only if `skipPadding` is `true`. Setting this value is highly recommended. See How FileSubscriber Determines blockSizeAlloc on page 131 for some related information. **Note**: lineLength cannot be larger than 32756 bytes.
`useFixedRecordFile`	Indicates whether the subscribing file is in fixed or variable length format. Possible values are `true` for fixed-length records, `false` for variable-length records. Default is `true`.

Parameter	Description
`truncateRecords`	Indicates how the subscriber should behave when the receiving data record length is different from the one specified by the `lineLength` parameter. Possible values are `wrap`, `discard`, `error`. • `wrap`—wrap around the rest of the record to a new line. • `discard`—truncate the record and do not generate an error file • `error`—truncate the record and rename the working file (.CWK) to the error file (.ERR) at EOF. Default is `error`.
`AppendDateTime`	This parameter can only be used for sequential data sets. If `true`, FileSubscriber appends the system time along with the `filePrefix` parameter to the output data set when constructing the name of the file to be written. That is, the generated output data set name has the format: `outputDataset.Yyyyy.MDmmdd.Thhmmss.filePrefix` Default is `false`.
Output File Creation	
`autoGenerateFile`	If true, enables automatic output file creation based on a timer or a message count. If false, output files will only be created when an End-of-File is received. Default is `true`. This value should be explicitly turned off if not required. If `autoGenerateFile` is set to false, then the `saveFileInterval` parameter and `generateFileOnNumberOfMessages` are ignored. When set to false, the file will not be generated until an End-Of-File indication is received from the Publisher.

Parameter	Description
`saveFileInterval`	The rate (in seconds) that FileSubscriber uses to generate an output file. Valid only if `autoGenerateFile` is set to `true`. Default is 120 seconds. The `saveFileInterval` parameter is used to cause periodic (every N seconds) saving of received (staged) data to the target file. The `saveFileInterval` and `generateFileOnNumberOfMessages` parameters are mutually exclusive. The maximum allowable value is 1800, corresponding to an interval of 30 minutes. If a value greater than 1800 is specified, a message is written to the trace log and a value of 1800 is used.
`generateFileOnNumberOfMessages`	An integer value for this parameter causes FileSubscriber to generate an output file if the number of messages received since the generation of the last output file equals this number. Default is `0`, which means that the parameter is not used. The `generateFileOnNumberOfMessages` parameter is used to cause the saving of received (staged) data to the target file whenever N number of messages (records) have arrived. The `saveFileInterval` and `generateFileOnNumberOfMessages` parameters are mutually exclusive.
`noOfRetries`	Number of times to try creating the output file. Default is 0.
`retryInterval`	Time between each retry in milliseconds. Specifies the amount of time the FileSubscriber should wait between retries when it detects a “File Locked” condition. Default is 0.

Parameter	Description
`appendToExistingFile`	If `true`, specifies that if an output file already exists, the data received is appended to the existing file. Otherwise, FileSubscriber overwrites existing data. In the case of sequential dataset output, this option is effective only when `appendDateTime` is set to `false`. **Warning:** If the subscriber is configured with appendToExistingFile="false" and if there is an I/O error (B37/D37) in writing to output file, then the Adapter removes the output file first and then renames the work file to error file. As a result customers lose the existing output file even though the file transfer has failed. This is like deleting the existing load module even when linking failed. This behavior is observed only with SEQ files not with GDG. Default is `false`.
`exitOnFileSaveError`	Specifies what the Adapter does when it cannot save data to the target file due to insufficient space. If `true`, exit the Adapter. Otherwise continue to accept data and write it to the 'temporary' subscriber file. Valid values: `true`, `false`. Default is `true`. There are two variations of out-of-space situations: 1. The volume is completely out of space, and no file can be created. An error message is written to the log indicating the file could not be created because of lack of space. 2. The file was partially written, but no more extents can be allocated. In that case, the partial file is renamed to `filename.ERR` and cataloged. An error message is written to the log indicating the file could not be created because of lack of space.

Parameter	Description
`forcePublishedFileName`	If this flag is set to '`true`', the output file is named the same as the file being published. Specifically, the output file is named the same as the filename contained in the EOF message. For this parameter to function properly: 1. the `filePrefix` must be specified. 2. `generateFileSubjectName` must be specified **and** must match the `endPublishSubject` as specified in the Publisher's INI file. Valid values: `true`, `false`. Default is `false`.
`genFilePublishSubject`	If the subject is defined, then the subscriber will publish a message using this subject to announce that a new file is created. It is published after the `executeAfterProcess` is performed.
`genFilePublishDestination Name`	If this destination is defined, then the subscriber will publish a message using this destination to announce that a new file is created. It is published after the executeAfterProcess is performed. **Note**: The destination type defaults to `subscribeDestinationType`.
discardUncatalogedFiles	Specifies if an incoming file request should be saved, if the file it is referring to is uncataloged. Valid values are: `none`, `all`, `append`, `new`. Default is none. A value of `none` indicates create the file regardless of whether an existing file is cataloged or not. A value of `append` denotes the incoming file should be discarded, if the FileType is marked for append, but there is no current dataset cataloged. A value of `new` denotes the incoming file should be discarded if there is no existing cataloged file entry. A value of `all` combines the attributes of both `append` and `new`.

Parameter	Description
Output Files Based on Trigger Message	
`generateFileSubjectName`	This required parameter specifies the subject name to subscribe to for generating the output file for this file type. If `autoGenerateFile` is set to false, then the `saveFileInterval` parameter and `generateFileOnNumberOfMessages` are ignored. When set to false, the file will not be generated until an End-Of-File indication is received from the Publisher.
`generateFileDestination Name`	This required parameter specifies the destination name to subscribe to for generating the output file for this file type. **Note**: The destination type defaults to `subscribeDestinationType`.
`generateFileFieldName`	Most usages of `generateFileSubjectName` require that it match the `subscribeSubjectName`. The `generateFileFieldName` is used to act as a message differentiator, so that message being sent to a Subscriber can be identified as being a "Generate File" trigger message. It is only required if the subscriber is using the `generateFileSubjectName` for the associated FileType. Default is "filename".
Certified Subscribing	
If you have specified that the session identified in the configuration file is a certified session, then you can identify those files that you wish to be published in certified or in non-certified (Reliable) mode. **Note:** If you specify a certified session, then all files are published in certified mode unless you specify `false` for the `isCertified` parameter.	
`isCertified`	If the FileSubscriber session is not a certified session, this parameter is ignored. If the FileSubscriber session is specified as a certified session, then the default value for this parameter is `true`, which means that the file is subscribed to in certified mode. You can specify `false` if you want to have a specific file subscribed to in non-certified (reliable) mode.

Parameter	Description
Preprocessing and Postprocessing	
`executeBeforeProcess`	Causes FileSubscriber to submit a job to the internal reader for execution before generating an output file. See Pre-Processing and Post-Processing Files on page 147.
`executeAfterProcess`	Causes FileSubscriber to submit a job to the internal reader for execution after generating an output file. Pre-Processing and Post-Processing Files on page 147.
Record Handling	
`fileHeader`	Specifies a header record to place in an output file. This record can contain any of the supported variables described under Pre-Processing and Post-Processing Files on page 147.
`fileTrailer`	Specifies a trailer record to place in an output file. This record can contain any of the supported variables described under Pre-Processing and Post-Processing Files on page 147.
`skipPadding`	If included and set to `true`, specifies that data fields are to be delimited and not padded. In that case, FileSubscriber generates variable length fields in the record. The field position in the output record is determined by the `position` parameter in the `FILE_LINE` element. There is no default value for the parameter delimiter, therefore it is important to specify a value. If `false`, data fields are padded with characters specified by the `padCharacter` parameter and are fixed width. In that case, FileSubscriber generates fixed-length fields in the output record. The file position in the output record is determined by the `position` parameter in the `FILE_LINE` element, and the field length is determined by the `length` parameter.
`padCharacter`	If `skipPadding` is `false`, this alphanumeric character is used as the pad character. Default is a blank character.

Parameter	Description
`padDirection`	Specifies which direction to pad the data field, `left` or `right`. The default is `right`, which means that the pad characters are added to the right side of the field (that is, left-justified).
`delimiter`	An alphanumeric character used to separate the fields in a line. This parameter is valid only if `skipPadding` is `true`. There is no default, which means that if this parameter is not specified, there is no separator between fields.
`isBinary`	When set to `true`, specifies that the file data is in binary format. Binary data includes zoned decimal, binary, packed decimal, and floating point data types.
Block Transfer Mode	
transferType	Specifies the data transfer mode (i.e, Record Mode or Block Mode) and whether to use ECM or non-ECM with the specified data transfer mode. Valid values: BlockModeECM – use Block Mode with ECM. BlockModeSFT – use Block Mode with non-ECM mode. RecordModeECM – use Record Mode ECM. RecordMode – use Record Mode with non-ECM mode For additional information, see Explicit Confirmation Mode (ECM) on page 14.
`blockTransferMode`	If true, the Adapter writes the data to the file in blocks. The publisher determines the block size. Default is `false`.
ECM Mode	
`useExplicitConfirmation`	Specifies whether ECM mode is on or off. Valid values: `true`, `false`. Default is "`false`".
`ECMSubscriberName`	Name of the corresponding ECM publisher in block mode. This parameter must have a valid value if ECM mode is selected. **Warning**: You cannot specify both an `ECMSubscriberName` and a `confirmationSubject`.

Parameter	Description
`confirmationSubject`	Confirmation subject name used by FileSubscriber to exchange block confirmation messages in record mode. **Warning**: You cannot specify both a `confirmationSubject` and an `ECMSubscriberName`.
`retransmissionDelayTicks`	Only used for ECM Block Mode. Specifies the number of seconds the FileSubscriber should wait between retries to re-connect to the Publisher after a startup. It is used to coordinate the startup handshake used between the Publisher and Subscriber, when ECM is being used. Default is 10 seconds.
VSAM	
`vsamFileMode`	Specifies how the VSAM file should be used: INSERT only, REPLACE only, or UPSERT (insert and replace).
`vsamLogFile`	File name to use if VSAM file logging is enabled. This is a sequential file used to log any changes made to the associated VSAM file. Any inserts or updates made to the VSAM file by the Adapter are recorded to the log sequential file. The sequential file is always opened in append and binary mode. **Note**: When this flag is specified, the `vsamUseLog` is required or the Adapter throws a fatal error.
`vsamUseLog`	(`stopOnFull` or No) Determines whether logging is to be performed. If set to `No`, no logging is performed. If set to `StopOnFull`, logging is performed. If the log file becomes full during operation, the Adapter abends to prevent making changes to the VSAM file without an associated log record of the changes. It is the end user's responsibility to monitor the use of the log, and to periodically clear it to prevent the Adapter from abending due to log full conditions. If `VsamUseLog` enables logging, then any `primaryAlloc=` and `secondaryAlloc=` keywords are used to allocate space for the associated VSAM log file.

Configuring the FILE_LINE Element

Use the FILE_LINE element in the FileType section to format the output record. If output records are in a different format, you can include multiple FILE_LINE elements in a single FileType section. The FILE_LINE element contains parameters that are defined using the following tags. These tags are optional unless specified otherwise.

The FILE_LINE element describes the format of the message to be published. It can be formed by using one or more of the following parameters.

Parameter	Description
field	Identifies the field. You can specify different tags inside this parameter. See Tags in the field parameter on page 122.
constraint	Must be used in the case of multi-record format. See Tags in the constraint Parameter on page 123

Tags in the field parameter

The FILE_LINE element's field parameter has the following tags.

Tag	Description
description	A concise description of the data field. FileSubscriber does not process this parameter; it is treated as a comment.
fromMessage	A setting of true flags this field as being generated from a data item in the incoming TIBCO Rendezvous message. A setting of false means that this field is a constant field. Default is false.
position	For delimited files, specifies the field position in the record, starting at 1. Otherwise, specifies the byte index in the record, starting at 0. Also see the skipPadding parameter for the effect of position in output records. Use position *or* fieldStart but not both.
fieldStart	Used for binary files to specify the start of a field. The first byte of an input or output record is "1." Use fieldStart *or* position but not both.
length	Field length. Default is 1.
type	Data type of this field. Valid values: STRING, INTEGER, UNSIGNED INTEGER, SHORT, UNSIGNED SHORT, FLOAT, DOUBLE, BOOLEAN, and TIME. The default is STRING. Valid values for EMS: STRING, INTEGER, SHORT, FLOAT, DOUBLE, BOOLEAN.

Tag	Description
`value`	Value of the field if it is a constant field. Otherwise, it contains the name of the message item that holds the data for this field.
`padCharacter`	Allows you to override the `padCharacter` specified in the `FILE_OPTIONS` section. If needed, specify an alphanumeric character.
`padDirection`	Allows you to override the `padDirection` specified in the `FILE_OPTIONS` section. If needed, specify either `left` or `right`.
`convertTo`	The TIBCO Rendezvous numeric data types `INTEGER`, `UNSIGNED INTEGER`, `SHORT`, `UNSIGNED SHORT`, and `FLOAT` can be converted to `PACKED`, `ZONED`, `BINARY`, or `Floating Point`. `STRING` values that are in numeric format can also be converted to `PACKED`, `ZONED`, `BINARY`, or `Floating Point` output.
`precision`	Specifies the size of the field and the number of decimals. This tag is not used for `COMP-1` or `COMP-2` fields. The implied length of the field will be calculated using the precision value, unless the length tag has been specified, in which case the value of length will be used.

When you specify `TIME` as a data type, FilePublisher gets the current system time, and places it in the TIBCO message. When FileSubscriber receives the message, it converts the time to a string, which represents the system time of the publishing system.

Tags in the constraint Parameter

FileSubscriber supports multiple line formats from different sections of a TIBCO message. To support this, you include multiple `FILE_LINE` elements in the FileType section. When multiple `FILE_LINE` elements are used, a `constraint` parameter must be supplied for each `FILE_LINE` element to indicate when to use that definition.

The FILE_LINE element's `constraint` parameter contains the following tags:

Tag	Description
`containerName`	The name of the TIBCO message that contains the fields that map to the `FILE_LINE` element.
`lineLength`	The length of a line in the output file for this line field definition. The default is the value specified by the `lineLength` parameter in the `FILE_OPTIONS` section.

FileSubscriber Configuration by Transport

This section describes the configuration elements, parameters, and tags that apply to the TIBCO Rendezvous transport only, the TIBCO EMS transport only, and those that apply to both.

Trace Section

Element	Rendezvous	EMS	Both
FILE_COUNT			X
FILE_LIMIT			X
FILE_NAME			X
PRINT_STDOUT			X
TRACE_HEAP			X
TRACE_LEVEL			X
UNIT_TRACE			X
VOLSER_TRACE			X
TZ			X
TRACE_SWITCHES			X
TRACE_EMS_EPM_ERROR_MSG		X	
TRACE_EMS_HEARTBEAT_MSG		X	

Options Section

Element	Rendezvous	EMS	Both
ADAPTER_NAME			X
CONTINUE_ON_CONFIG_ERROR			X
DELETE_SUB_PRG_FILES			X

Element	Rendezvous	EMS	Both
EEM_DESTINATION		X	
EEM_SUBJECT	X		
EMS_SESSION		X	
ERROR_DESTINATION		X	
ERROR_EXIT_CC			X
ERROR_SUBJECT	X		
HEARTBEAT_FILE_INFO			X
HEARTBEAT_TIME			X
HOST_CODEPAGE			X
NETWORK_CODEPAGE			X
OUTPUT_DATASET			X
PRINT_FILE_OPTIONS			X
PROGRESS_DATASET			X
PUBLISH_HEARTBEAT			X
QUEUE_LIMIT	X		
RV_SESSION	X		
RVCM_SESSION	X		
SECURITY_CHECK_FILE			X
TERMINATE_ON_RV_SEND_FAIL	X		
UNIT_CWK			X
UNIT_GDG			X
UNIT_OUTPUT			X
UNIT_PRG			X

Element	Rendezvous	EMS	Both
VOLSER_CWK			X
VOLSER_GDG			X
VOLSER_OUTPUT			X
VOLSER_PRG			X
WORKFILE_DATASET			X
WRITE_TO_SYSLOG			X

FileType Section

FILE_OPTIONS Element

Parameter	Rendezvous	EMS	Both
filePrefix			X
subscribeSubjectName	X		
subscribeDestinationName		X	
subscribeDestinationType		X	
JMS_TIBCO_MSG_TRACE		X	
Publishing Correlation Identifier			
useTrackingId			X
trackingIdSubject	X		
trackingIdDestinationName		X	
Data Set Type			
datasetType			X
Output File Allocation			
outputDataset			X

Parameter	Rendezvous	EMS	Both
primaryAlloc			X
secondaryAlloc			X
blockSizeAlloc			X
lineLength			X
useFixedRecordFile			X
truncateRecords			X
AppendDateTime			X
Output File Creation			
autoGenerateFile			X
saveFileInterval			X
generateFileOnNumberOfMessages			X
noOfRetries			X
retryInterval			X
appendToExistingFile			X
exitOnFileSaveError			X
forcePublishedFileName			X
genFilePublishSubject	X		
genFilePublishDestinationName		X	
discardUncatalogedFiles		X	
Output Files Based on Trigger Message			
generateFileSubjectName	X		
generateFileDestinationName		X	
generateFileFieldName			X

Parameter	Rendezvous	EMS	Both
Certified Subscribing			
`isCertified`	X		
Preprocessing and Postprocessing			
`executeBeforeProcess`			X
`executeAfterProcess`			X
Record Handling			
`fileHeader`			X
`fileTrailer`			X
`skipPadding`			X
`padCharacter`			X
`padDirection`			X
`delimiter`			X
`isBinary`			X
Block Transfer Mode			
`blockTransferMode`			X
ECM Mode			
`useExplicitConfirmation`			X
`ECMSubscriberName`			X
`confirmationSubject`	X		
`retransmissionDelayTicks`			X
VSAM			
`vsamFileMode`			X
`vsamLogFile`			X

Parameter	Rendezvous	EMS	Both
`vsamUseLog`			X

FILE_LINE Element

Tags	Rendezvous	EMS	Both
Field Parameter Tags			
`description`			X
`fromMessage`			X
`position`			X
`fieldStart`			X
`length`			X
`type`			X
`value`			X
`padCharacter`			X
`padDirection`			X
`convertTo`			X
`precision`			X
Constraint Parameter Tags			
`containerName`			X
`lineLength`			X

FileSubscriber Usage Guidelines

This section discusses the following FileSubscriber usage guidelines:

How FileSubscriber Determines blockSizeAlloc

You can use the `lineLength` and `blockSizeAlloc` parameters in the `FILE_OPTIONS` element of the FILE_TYPE section to set the record size (linelength) and the block size. The block size must always be a multiple of the linelength for fixed block size and is recommended to be a multiple of (linelength +4) +4 for variable width block size. For example, if the linelength is 100, the block size should be a (multiple of 104) + 4.

Setting these two parameters is *highly* recommended for efficiency.

This section discusses how the subscriber determines `blockSizeAlloc` if one or both of the parameters is undefined.

For all cases, the `useFixedRecordFile` parameter determines whether fixed block size or variable block size is used.

lineLength > 0, 'blockSizeAlloc' > 0

If `lineLength` is defined, and `blockSizeAlloc` is defined, and you are using fixed-block, then the Adapter makes sure that the block size is a multiple of the line length and signals an error if the numbers do not match. In that case, the subscriber will not create a file. If you are using variable block size, the Adapter does not validate that the numbers match. Use the following rule of thumb for determining which lineLength corresponds to which `blockSizeAlloc`:

- **Fixed block size**—`blockSizeAlloc` *must be* multiple of lineLength. For example, if `lineLength` = 120, `blockSizeAlloc` = 1200.

Maximum for `lineLength` is `32756 and for blockedSizeAlloc` is `32760`.

- **Variable block size**—`blockSizeAlloc` *must be* at least lineLength+8. For example, if `lineLength` = 120, `blockSizeAlloc` = 1204.

lineLength > 0, blockSizeAlloc = -1 (or undefined)

If `lineLength` is defined, and `blockSizeAlloc` is undefined, the subscriber proceeds as follows:

- **Fixed block size**—`blockSizeAlloc` is set to lineLength. For example, if `lineLength` = 120, `blockSizeAlloc` = 120.
- **Variable block size**—`blockSizeAlloc` is set to lineLength + 8. For example, if `lineLength` = 120, `blockSizeAlloc` = 128.

lineLength = 0, blockSizeAlloc = -1 (or undefined)

If `lineLength` is undefined and `blockSizeAlloc` is also undefined, the subscriber proceeds as follows:

- **Fixed block size**—`lineLength` and `blockSizeAlloc` are both set to 80.
- **Variable block size**—`lineLength` is set to 80 and `blockSizeAlloc` is set to 88

lineLength = 0, blockSizeAlloc > 0

If `lineLength` is undefined and `blockSizeAlloc` is defined, the subscriber proceeds as follows:

- **Fixed block size**—If `blockSizeAlloc` is a multiple of 80, lineLength = 80. If not, `lineLength` = `blockSizeAlloc`.
- **Variable block size**—`lineLength` = `blockSizeAlloc` - 8.

Receiving COBOL Numeric Data Types

This section explains how FileSubscriber can be configured to handle the COBOL numeric data types supported by the Adapter.

FileSubscriber can be configured to create non-text files by using the `isBinary=true` parameter in the FileType section and two field parameter tags in the `FILE_LINE` element. This allows FileSubscriber to process non-text data types. The numeric data types are converted from incoming TIBCO data types of either `INTEGER`, `UNSIGNED INTEGER`, `SHORT`, `UNSIGNED SHORT`, `FLOAT`, or `STRING` into the desired target data type to be written to the file that is specified in the convertTo parameter. Because there can be a loss of precision when converting from `FLOAT` values, it may be preferable to specify `STRING` as the published data type. The numeric data type to be used for the output record for each field is specified by the tag `convertTo` in a field parameter of the `FILE_LINE` element.

See also Configuring VSAM Files on page 133 for an example of a FileSubscriber configuration file coded to handle the supported numeric data types.

To support zoned, binary, packed, and floating-point data types:

1. Set the `isBinary` parameter in the FILE_OPTIONS element to `true`.
2. Set the `convertTo` and `precision` tabs in the `FILE_LINE` element to desired values.

Since the fields of data type `BINARY(COMP, COMP-4)` are being published as `INTEGER`, mention the `type="INTEGER"` and `convertTo="BINARY"`.

Configuring VSAM Files

Configuring VSAM files is similar to configuring Sequential or GDG datasets. However there are some differences in the way VSAM files are subscribed.

- The VSAM file (`KSDS`, `ESDS`, `RRDS`) must be allocated prior to subscribing to the file.
- The VSAM file cannot be defined with the `REUSE` option.
- All the changes made to the VSAM file can be logged to a log file. This log file can be identified using the `vsamLogFile` flag.
- VSAM files can be subscribed in three different modes.
  - INSERT—Newly received TIBCO data are simply inserted in the VSAM file as new records. Any fields in the VSAM record that are not received in the Rendezvous message are set to the appropriate default values (BLANKS or ZEROS). For example, for ESDS files, the new data is appended to the end of the existing file. For KSDS files the data is inserted according to the key values.
  - REPLACE—Existing data records are updated with the data received in the TIBCO message. Any fields in the VSAM record that are not received in the

message are left as is, at their existing value. This mode is mainly used for the KSDS file types.

— UPSERT—Any newly received TIBCO data is checked against the existing VSAM file. If the key already exists, the record is updated. If the key does not exist, the record is inserted instead. This mode should be used with caution to avoid INSERTs of extraneous records, since it assumes and requires that keys in the published VSAM file are *in sync* with keys in the subscriber file.

The `vsamFileMode` parameter in the `FILE_OPTIONS` element determines which mode is used.

- The `outputDataset` name is mandatory and must be allocated prior to subscribing to the file. This dataset is used to get the catalog information of the file being subscribed.
- The VSAM file type is always treated as a binary file type (`isBinary="true"`). Hence, there is no need to specify the values `isBinary="true"`, `useFieldWidth="true"`, and `skiPadding="false"`.

VSAM Logging

For each VSAM file to be logged, you must supply the name of the log file to use. The log file is a sequential binary file that keeps a record (audit trail) of all changes made to the VSAM file by the file adapter.

When a new set of TIBCO messages arrives for a specific VSAM file, the VSAM file is opened. At the same time, if VSAM logging is enabled, the associated log file is also opened in append mode. The adapter adds the following information to the log file:

- For each VSAM record inserted, an `Insert` record is written to the log file.
- For each VSAM record that is updated, a `Before` record is written, then an `After` record is written to the log file.

Each record consists of a 26 byte header followed by the binary contents of the associated VSAM file record.

When the VSAM file is closed, the associated log file is also closed.

You can use the `vsamLogFile`, and `vsamUseLog` parameters in the `FILE_OPTIONS` section for configuration.

Setting FileSubscriber for Explicit Confirmation Mode

The following FileSubscriber options apply to Explicit Confirmation Mode.

- `useExplicitConfirmation`: Flag that specifies whether Explicit Confirmation Mode is on or off during block transfer. All the options below are only valid if this flag is true. [default: "`false`"]
- `ECMSubscriberName`: the ECM subscriber name. This entry must match the corresponding participating ECM Publisher.

Adding Header and Trailer Records

You can add a header record or a trailer record, or both, to an output file. The added record(s) can contain any text string and variable data.

To add a header record, use the `fileHeader` parameter in the `FILE_OPTIONS` element of the FileSubscriber configuration file. To add a trailer record, use the `fileTrailer` parameter in the `FILE_OPTIONS` element of the FileSubscriber configuration file. For each of these parameters, a text string and up to three variables — the number of records, a blank field, and the date and time — can be specified in the following format:

```
fileHeader="<text>|[%<fieldWidth>,NUMBER_OF_RECORDS%]|
   %<fieldWidth>,BLANK%]|[<text>|%<fieldWidth>,DATE_TIME%]"

fileTrailer="<text>|[%<fieldWidth>,NUMBER_OF_RECORDS%]|
   %<fieldWidth>,BLANK%]|[<text>|%<fieldWidth>,DATE_TIME%]"
```

where

<text> is any alphanumeric descriptive string. If included, it can appear anywhere within the quotation marks but must not be included within the square brackets ([ ]).

%<fieldWidth> is the number of characters in the related field; % is a C type substitution

`NUMBER_OF_RECORDS` is replaced with the number of records in the output file. If there are no errors, this number should correspond to the number of messages received to generate the file.

> Because the Adapter receives records into a work file then generates the final output file, the `NUMBER_OF_RECORDS` variable can be used when specifying a header record.

`DATE_TIME` is the date and time added in the format YYYYMMDDHHMMSS.

`BLANK` is a blank field that can be used to provide a space between the other variables.

FileHeader Example

Suppose you want to add a header record to an output file that shows the number of records received and the date and time that the output file was created, with two spaces between the fields. You would include code in the `FILE_OPTIONS` element of the FileSubscriber configuration file as follow:

```
FILE_OPTIONS = { prefix="test",
fileHeader="[%4,NUMBER_OF_RECORDS%][%2,BLANK%][%14,DATE_TIME%]",
subscribeSubjectName=…
```

FileSubscriber Examples

This section contains several configuration file examples that you can use as models.

Example 11 Configuration File for a Delimited File

This example shows the FileType section of a configuration file for processing TIBCO messages for delimited file.

The FileType section of the configuration file follows:

```
[FileType]
FILE_OPTIONS = { filePrefix = "FT1", delimiter = "|",
skipPadding="true",
OutputDataset = "TIBCO.TEST.OUTPUT",
saveFileInterval = "5000", subscribeSubjectName="A.B" }

FILE_LINE = { field = { description = "Part Number",
fromMessage="true", type="STRING", value="PartNo", position="1"},

   field = { description = "Description", fromMessage="true",
               type="STRING", value="Desc", position="2" },

   field = { description = "Manufacturer", fromMessage="true",
               type="STRING", value="Manuf", position="3" },

   field = { description="Model", fromMessage="true",
               type="STRING", value="Model", position="4" },

   field = { description="Qty", fromMessage="true",
               type="INTEGER", value="Qty", position="5" },

   field= { description="Price", fromMessage="true",
               type="FLOAT", value ="Price", position="6" }
            }
```

Assuming that the file that was used in the first FilePublisher example is being subscribed to, the file that FileSubscriber would create would look like the following:

```
115-01-0500|MONITOR|SONY|VIEWSONIC|01|350.50
115-15-6542|CPU-PIII750MHZ|COMPAQ|PRESARIO|01|900.00
115-67-7356|HDD20GB|SEAGATE|ST500|01|276.60
115-34-8767|FDD54|HP|T24333|01|86.00
115-77-5555|CRDW|HP|T75668|01|350.00
115-78-4646|KEYBOARD|COMPAQ|EASYKEY101|01|32.00
115-88-4454|MOUSE|MICROSOFT|M323|01|26.00
115-36-2727|WINDOWS2000|MICROSOFT|MSW2000|01|400.00
```

Example 12 Configuration File for a Fixed-length File

This example shows the FileType section of a configuration file for processing TIBCO Rendezvous messages to fixed length file.

The FileType section of the configuration file follows:

```
[FileType]
FILE_OPTIONS = { filePrefix = "ft2", datasetType = ”SEQ”,
           skipPadding=”false”, outputDataset=”TIBCO.TEST.OUTPUT”,
           subscribeSubjectName = "A.C" }

FILE_LINE = {
   field = { description = "Part Number", fromMessage="true",
         length = ”6”,type="STRING", value="PartNo", length = ”11”,
         position=”0”},

   field = { description = "Description", fromMessage="true",
         type="STRING", value="Desc", length = ”15”,
         position=”11” },

   field = { description = "Manufacturer", fromMessage="true",
         type="STRING", value="Manuf", length = ”11”,
         position=”26” },

   field = { description="Model", fromMessage="true",
         type="STRING", value="Model", length = ”12”,
         position=”37” },

   field = { description="Qty", fromMessage="true",
         type="INTEGER", value="Qty", length = ”2”,
         position=”49” },

   field= { description="Price", fromMessage="true",
         type="FLOAT", value ="Price", length = ”6”,
         position=”51” }
            }
```

Assuming that the file that was used in the second FilePublisher example is being subscribed to, the file that FileSubscriber creates a file that looks like the following:

```
115-01-0500 MONITOR         SONY       VIEWSONIC   01  350.50
115-15-6542 CPU-PIII750MHZ  COMPAQ     PRESARIO    01  900.00
115-67-7356 HDD20GB         SEAGATE    ST500       01  276.60
115-34-8767 FDD54           HP         T24333      01  86.00
115-77-5555 CRDW            HP         T75668      01  350.00
115-78-4646 KEYBOARD        COMPAQ     EASYKEY101  01  32.00
115-88-4454 MOUSE           MICROSOFT  M323        01  26.00
115-36-2727 WINDOWS2000     MICROSOFT  MSW2000     01  400.00
```

Example 13 Accommodating Different Order Header and Order Line Formats

In the FilePublisher example, a file with multiple record types was used as an example. This example shows how to configure the FileSubscriber to handle the TIBCO Rendezvous messages to process a multiple format file. The following steps could be used to set up the configuration file:

1. Use the FileType section to specify attributes of the file the subscriber creates.
2. Use a `FILE_LINE` element with a `containerName` parameter to define the format of each output line to be written after retrieving data from the message. FileSubscriber creates an output record for each `FILE_LINE` element.

For the example shown, FileSubscriber creates a header record for the "OrderHeader" container, then it creates three detail records from the "OrderDetail" record.

Specify the field attributes for the output record by using the `messageItem` parameter.

- For fixed-length files, identify the field by using both the `position` and `length` parameters.
- For delimited files, specify only a delimiter.

The pertinent parts of the configuration file would look like:

```
[FileType]
FILE_OPTIONS = { filePrefix = "ft4", subscribeSubjectName = "A.D",
outputDataset="TIBCO.TEST.OUTPUT" }
}
FILE_LINE = { constraint = { containerName = "OrderHeader" },
field = { fromMessage = "true", position = "0", description =
"HDR",
    length = “3”, type="STRING" },

  field = { … }
}

FILE_LINE = { constraint = { containerName = “OrderDetail” } ,
field = {fromMessage = "true", position = = "0", description
= "DTL",
length = ”3”, type = “STRING” } ,

  field = { … },
  field = { … },
  field = { … }
}
```

Assuming that the file that was used in the third FilePublisher example is being subscribed to, the file that FileSubscriber would create would look like this:

```
HDR123-234-52344
DTL34234:22343:3534534
DTL47463:34763:2734641
DTL18231:23423:1234123
```

```
HDR874-647-12331
DTL81321:46157:412564 …
```

Example 14 Supporting COBOL Numeric Data Types

In this sample configuration file, there are three fields specified for output. The FileType is specified as `isBinary="true"`.

The first field, `"F64 to binary"`, is defined as a `INTEGER` field that is converted to `BINARY` format. The field's data is written starting at byte 12. Because the field precision has been specified as `"9,0"`, the output data length will be 8 bytes.

The second field, "`F64 to packed"`, is defined as a `DOUBLE` field that is converted to `PACKED` format. The field's data is written starting at byte 1. Because the field precision has been specified as `"7,2"`, the output data length will be 4 bytes.

The third field, `"Str to packed"`, is defined as a `STRING` field that is converted to `ZONED` format. The field's data is written starting at byte 50. Because the field precision has been specified as `"9,2"`, the output data length will be 9 bytes.

```
[FileType]
FILE_OPTIONS = { filePrefix = "TESTP", subscribeSubjectName = "PACKED.DATA",
appendDateTime = "false", appendToExistingFile = "true", padCharacter = " ",
autoGenerateFile = "true",
      generateFileSubjectName = "GEN.FILE",
      isBinary="true" , lineLength = "2060",saveFileInterval = "3000",
                  isCertified = "false" }

FILE_LINE = {
         field = { description = "F64 to binary", fromMessage = "true",
             position="12", convertTo="BINARY", value="binary",
             precision="9,0", type = "INTEGER"  },
         field = { description = "F64 to packed", fromMessage = "true",
              position="1",  convertTo="PACKED", value="packed",
              precision="7,2", type = "DOUBLE"  }   ,
         field = { description = "Str to packed", fromMessage = "true",
             position="50",  convertTo="ZONED", value="packedstring",
             precision="9,2", type = "STRING"
         }
}
```

Example 15 Configuration File for VSAM Files

```
#-------------------------------------------------------#
# [Options] sections specifies either of RV or RVCM    #
# session parameters, Adapter name, whether to publish #
# heartbeat messages or not, heart beat timer interval.#
# -------------------------------------------------------#
[Options]
RV_SESSION = { name="FileSubscriber_01",
                  service="", network="",daemon=""
              }
OUTPUT_DIRECTORY  = "SEQOUT"
ADAPTER_NAME      = "FILE_TSTFASUB_01"
PUBLISH_HEARTBEAT = "false"
HEARTBEAT_TIME    = "2000"

                      ##################################################
                      #    FTVSAM     BINARY   VSAM   file             #
                      ##################################################
[FileType]

FILE_OPTIONS = {
                   filePrefix   = "FTVSAM",
                   outputDataset="TIBCO.TFA.KSDSOUT.CLUSTER",
                  dataSetType="VSAM",
                  isRBA="false",
                  vsamUseLog = "StopOnFull",
                  vsamLogFile="TIBCO.TFA.KSDSOUT.REPLOG",
                  vsamFileMode="REPLACE",
                  subscribeSubjectName = "A.FTVSAM.REPLACE",
                  primaryAlloc="7",
                  secondaryAlloc="3",
                  generateFileOnNumberOfMessages="5",
                  generateFileSubjectName="A.VSAMFILE",
                  generateFileFieldName="CLOSEFILE"
                }

FILE_LINE = {
               field = { fieldStart="01", value="emp_number",
                         type="STRING",
                         length="4",
                         fromMessage = "true" },
               field = { fieldStart="05", value="user_id",    type="STRING",
                         length="8",
                         fromMessage = "true" },
               field = { fieldStart="32", value="pers_info",  type="STRING",
                         length="37",
                         fromMessage = "true" }
            }
```

Example 16 Configuring a Subscriber Using ECM with ECMSubscriber Handshake ("Strict" ECM)

This configuration is for subscribing a file using ECM with `__TIBCO_AE_ADAPTER_FAFT_*.`<*subject name*> administrative messages handshake.

```
[FileType]
FILE_OPTIONS = {
               filePrefix              = "SB027",
               dataSetType             = "SEQ",
               subscribeSubjectName    = "C.BLOCK_TRANSFER.FILE",
               appendToExistingFile    = "true",
               useExplicitConfirmation = "true",
               ECMSubscriberName       = "SUB1",
               ECMSubscriberName       = "SUB2",
               lineLength              = "1024",
               primaryAlloc            = "500",
               secondaryAlloc          = "500",
               blockTransferMode       = "true",
               forcePublishedFileName  = "true",
               generateFileSubjectName ="END.BLOCK_TRANSFER.FILE",
               exitOnFileSaveError     = "true",
               isBinary                = "true",
               generateFileFieldName   = "FileName" ??mixedcase??
             }
```

Example 17 Configuration for EMS

```
[Trace]
FILE_NAME = "KISHORE.SUB.EMSS001.LOG"
FILE_COUNT = "5"
FILE_LIMIT = "100000"
TRACE_LEVEL = 3
PRINT_STDOUT = "TRUE"
[Options]
EMS_SESSION = { providerURL="tcp://EMSserver_address:Port",
    user="", password=""
 }
ADAPTER_NAME            = "SUB003"
PROGRESS_DATASET        = "KISHORE.FT11.PRSPDS"
 OUTPUT_DATASET         = "KISHORE.FT11.OUTPDS"
 ADAPTER_NAME           = "SUB003"
 PUBLISH_HEARTBEAT      = "true"
 HEARTBEAT_TIME         = "60000"
 EPM_DESTINATION        = "A.EMSS001"
 ERROR_DESTINATION      = "ERROR.SUB003"
[FileType]
FILE_OPTIONS = {
    filePrefix = "FT11",
    appendDateTime = "true", padCharacter = " ",
    delimiter = "|", skipPadding = "false",
    lineLength = "80", autoGenerateFile="false",
    autoGenerateFile="false",
    JMS_TIBCO_MSG_TRACE         = "body",
    executeBeforeProcess = "KISHORE.TIBFA310.JCL(TFAALOC)",
    generateFileDestinationName = "GEN.FILE",
    genFilePublishDestinationName  =  "B.SUB003.FT11.END",
    outputDataset = "KISHORE.SUB003.TXT",
    fileHeader = "#[%4,NUMBER_OF_RECORDS%] %%This is a file header
[%14,DATE_TIME%]",
    fileTrailer = "#[%4,NUMBER_OF_RECORDS%] %%This is a file
trailer [%14,DATE_TIME%]",
    subscribeDestinationName = "A.FT11",
    subscribeDestinationType = "TOPIC",
    isCertified = "true",
    isBinary="false",
    generateFileOnNumberOfMessages="06"
}

FILE_LINE = {
   field = {
      description = "Label1", fromMessage = "true", position="1",
      length="10",  type = "STRING" , value = "Label1"
            },
   field = {
      description = "label2", fromMessage = "true", position="11",
      length = "10", type = "STRING", value = "Label2"
            },
   field = {
      description = "label3", fromMessage = "true", position =
"21",
   length = "10", type = "STRING", value = "Label3"
            },
```

```
    field = {
       description = "label4", fromMessage = "true", position =
"31",
    length = "10", type = "STRING", value = "Label4"
             },
    field = {
       description = "label5", fromMessage = "true", position =
"41",
    length = "2", type = "STRING",  value = "Label5"
             },
    field = {
       description = "label6", fromMessage = "true", position =
"43",
    length = "10", type = "FLOAT",  value = "Label6"
             },
    field = {
       description = "TimeStamp", fromMessage = "true", position =
"53",
       length = "24", type = "TIME",   value = "TimeStamp"
             }
}
```

Example 18 Sample Configuration for Multiple File Types in a single Config file

This configuration demonstrates how multiple File Types can be defined in a single config file. Up to a maximum of 512 File Types can be defined in a single config file. A single config file can contain any combination of record mode, block mode, VSAM, SEQ, or GDG files.

```
[Trace]
FILE_NAME = "DUQAINE.SUB.EMSS001.LOG"
FILE_COUNT = "5"
FILE_LIMIT = "100000"
TRACE_LEVEL = 3
PRINT_STDOUT = "TRUE"
TZ = "PST8PDT"
[Options]
RV_SESSION = { name="FileSubscriber_01",
service="", network="", daemon="" }
ADAPTER_NAME = "SUB001"
PROGRESS_DATASET = "DUQAINE.FT11.PRSPDS"
OUTPUT_DATASET = "DUQAINE.FT11.OUTPDS"
ADAPTER_NAME = "SUB003"
PUBLISH_HEARTBEAT = "true"
HEARTBEAT_TIME = "60000"
EPM_SUBJECT = "A.RVSUB001"
ERROR_SUBJECT = "ERROR.SUB001"

[FileType]

FILE_OPTIONS = {
filePrefix = "FTVSAM",
outputDataset="TIBCO.TFA.KSDSOUT.CLUSTER",
dataSetType="VSAM",
isRBA="false",
vsamUseLog = "StopOnFull",
```

```
vsamLogFile="TIBCO.TFA.KSDSOUT.REPLOG",
vsamFileMode="REPLACE",
subscribeSubjectName = "A.FTVSAM.REPLACE",
primaryAlloc="7",
secondaryAlloc="3",
generateFileOnNumberOfMessages="5",
generateFileSubjectName="A.VSAMFILE",
generateFileFieldName="CLOSEFILE"
}

FILE_LINE = {
field = { fieldStart="01", value="emp_number",
type="STRING",
length="4",
fromMessage = "true" },
field = { fieldStart="05", value="user_id", type="STRING",
length="8",
fromMessage = "true" },
field = { fieldStart="32", value="pers_info", type="STRING",
length="37",
fromMessage = "true" }
}
[FileType]
FILE_OPTIONS = {
filePrefix = "SB027",
dataSetType = "SEQ",
subscribeSubjectName = "C.BLOCK_TRANSFER.FILE",
appendToExistingFile = "true",
useExplicitConfirmation = "true",
ECMSubscriberName = "SUB1",
ECMSubscriberName = "SUB2",
lineLength = "1024",
primaryAlloc = "500",
secondaryAlloc = "500",
blockTransferMode = "true",
forcePublishedFileName = "true",
generateFileSubjectName ="END.BLOCK_TRANSFER.FILE",
exitOnFileSaveError = "true",
isBinary = "true",
generateFileFieldName = "FileName" ??mixedcase??
}

[FileType]
FILE_OPTIONS = { filePrefix = "ft2", datasetType = "GDG",
skipPadding="false", outputDataset="TIBCO.TEST.OUTPUT",
subscribeSubjectName = "A.C" }

FILE_LINE = {
field = { description = "Part Number", fromMessage="true",
length = "6",type="STRING", value="PartNo", length = "11",
position="0"},

field = { description = "Description", fromMessage="true",
type="STRING", value="Desc", length = "15", position="11" },

field = { description = "Manufacturer", fromMessage="true",
type="STRING", value="Manuf", length = "11", position="26" },
```

```
field = { description="Model", fromMessage="true",
type="STRING", value="Model", length = "12", position="37" },

field = { description="Qty", fromMessage="true",
type="INTEGER", value="Qty", length = "2", position="49" },

field= { description="Price", fromMessage="true",
type="FLOAT", value ="Price", length = "6", position="51" }
}
```

Usage Guidelines for Publisher and Subscriber

This section discusses the following usage guidelines that apply to both publisher and subscriber:

- Pre-Processing and Post-Processing Files on page 147
- Heartbeat Messages on page 149
- Block Transfer Mode on page 150

Pre-Processing and Post-Processing Files

You can execute a JCL command script before or after a file is published by FilePublisher, or before or after an output file is generated by FileSubscriber.

If you want to have a JCL command script executed before or after a file is published, or before or after an output file is generated, use the `executeBeforeProcess` parameter or the `executeAfterProcess` parameter in the `FILE_OPTIONS` element. These parameters may be used in either FilePublisher or FileSubscriber for any file type that you have configured. Specify a fully qualified PDS member name where the JCL command script is stored.

How executeBeforeProcess and executeAfterProcess Operate

When you specify `executeBeforeProcess`, the following occurs:

- **FilePublisher** When FilePublisher has a file that is to be published, and you have specified the `executeBeforeProcess` parameter, FilePublisher submits the specified JCL command script to the internal reader for execution. The data set name of the file to be published can be inserted into the JCL script by using the keyword `%FILENAME%`. If the `%FILENAME%` keyword is used, FilePublisher substitutes this variable with the actual data set name of the file to be published before submitting the job to the internal reader.
- **FileSubscriber** When FileSubscriber has an output file to be generated, and you have specified the `executeBeforeProcess` parameter, FileSubscriber submits the specified JCL command script to the internal reader for execution. The data set name of the output file to be written can be inserted into the JCL command script by using the keyword `%FILENAME%`**.** If the `%FILENAME%` keyword used, FileSubscriber substitutes this variable with the actual data set name of the file to be generated before submitting the job to the internal reader.

When you specify `executeAfterProcess`, the following occurs:

- **FilePublisher** When FilePublisher has finished publishing a file and you have specified the `executeAfterProcess` parameter, FilePublisher submits the specified JCL command script to the internal reader for execution. The data set name of the file that was published and the status of that operation can be inserted into the JCL command script by using the keywords `%FILENAME%` and `%STATUS%`.

  If these keywords are used, FilePublisher replaces them as follows before submitting the job to the internal reader:

  — `%FILENAME%` is replaced by the actual data set name of the file published.

  — `%STATUS%` is replaced by the completion code of `0` if the file was published successfully. If there was an error in publishing the file, `%STATUS%` is replaced with the completion code of `8`.

- **FileSubscriber** When FileSubscriber has finished generating an output file, and you have specified the `executeAfterProcess` parameter, FileSubscriber submits the specified JCL command script to the internal reader for execution. The data set name of the output file to be written and the status of that operation can be inserted into the JCL command script by using the keywords `%FILENAME%` and `%STATUS%`.

  If these keywords are used, FileSubscriber replaces them as follows before submitting the job to the internal reader:

  — %FILENAME% is replaced by the actual data set name of the file generated.

  — %STATUS% is replaced by the completion code of 0 if the file was generated successfully. If there was an error in generating the file,%STATUS% replaced by the completion code of 8.

  — %HOSTNAME%

  — %USERID%

Examples for executeBeforeProcess and executeAfterProcess

The examples that follow show some typical uses of the `executeBeforeProcess` and `executeAfterProcess` parameters. Consider the following example from a sample FilePublisher configuration file:

```
FILE_OPTIONS = { filePrefix="TEST", fileExtension=".dat",
        inputDataset="TIBCO.TEST.IN",
        processDataset="TIBCO.TEST.PROCESS",
        outputDataset="TIBCO.TEST.OUT",
       useFilePolling="true",  pollInterval="1000",
        delimiter="|", startAtLine="1",
        removeAfterProcess="false", messagesPerTransaction="2",
```

```
transactionDelay="5000", dataSetType="PDS",
executeBeforeProcess="TIBCO.TFA.JCL(PUBEXEBP)",
executeAfterProcess="TIBCO.TFA.JCL(PUBEXEAP)",
publishSubjectName="A.B", triggerSubjectName="A.D" }
```

The preceding example specification causes FilePublisher to submit the JCL in a data set named `TIBCO.TFA.JCL(PUBEXEBP)` to be submitted for execution *before* starting to publish the file, then submit the JCL in a data set named `TIBCO.TFA.JCL(PUBEXEAP)` to be submitted for execution *after* the file is published.

If the step specified in the `TIBCO.TIBFA.JCL(PUBEXEBP)` JCL is

```
//EXEBP EXEC PGM=EXEBP,PARM='%FILENAME%'
```

then the program `EXEBP` receives the name of the file to be published as a parameter.

If the step specified in the `TIBCO.TIBFA.JCL(PUBEXEAP)` JCL is

```
//EXEAP EXEC PGM=EXEAP,PARM='%FILENAME% %STATUS%'
```

then the program `EXEAP` receives the name of the file that is published and the status code as parameter.

Heartbeat Messages

Heartbeat messages are an option that you can configure to provide an indication that either FilePublisher or FileSubscriber is active. These messages can be monitored by TIBCO Hawk™ to send notification or alerts, or both, when FilePublisher or FileSubscriber goes down. Heartbeat messages are configured globally, in the Options section of the configuration file. This is true for both FilePublisher and FileSubscriber. Configuring a heartbeat message consists of enabling the option and specifying a heartbeat interval.

Operation

The heartbeat option of FilePublisher and FileSubscriber lets the Adapter publish a heartbeat message on a regular basis. Heartbeat messages are published with a subject that is created by the Adapter. The format of the subject is:

_FILEADAPTER.<*adaptername*>.HEARTBEAT

Once heartbeat messages are configured, FilePublisher or FileSubscriber publishes a heartbeat message with the subject specified at the interval configured.

Parameters

To configure this option, use these two elements in the Options section:

1. `PUBLISH_HEARTBEAT` —Enables heartbeat messages. The default value is `false`. To enable heartbeat messages, set this element to `true`.
2. `HEARTBEAT_TIME`. If used, it specifies the interval between heartbeat messages. The default value is `60000` milliseconds, or 60 seconds.

Heartbeat Message Format

For FilePublisher, the format of the heartbeat message is FilePublisher start time and current time. Then, for each file type configured, the format is:

- File prefix
- File extension
- File status — Idle or Busy (being published)
- If busy, number of messages (or blocks) published

For FileSubscriber, the format of the heartbeat message is FileSubscriber start time and current time. Then, for each file type, the format is file prefix and file extension.

Block Transfer Mode

You may wish to publish a file without regard to its file structure. To do this, specify that the file is to be published, or subscribed to, in block mode. When a file is processed in block mode, the data from the file is read without regard to the field or record structure, and the data is published as a block. The size of the block can be specified, or you can accept the default value of 65,536 bytes.

Operation

When a file is published in block transfer mode, FilePublisher reads the file in blocks, as specified with the `blockTransferSize`, without additional processing of the data. The `MESSAGE_ITEM` element is not required, and is ignored.

When the data is received by FileSubscriber, the blocks are written to a progress file. When FileSubscriber receives the message with the subject specified in `generateFileSubjectName`, it writes the completed file to the output data set. The `FILE_LINE` element is not required, and is ignored.Need info for updating the description of 'generateFileSubjectName'.

When block transfer mode is enabled, the following tags are ignored for that file type in FileSubscriber:

- `appendDateTime`
- `autoGenerateFile`
- `generateFileOnNumberOfMessages`

Parameters

`blockTransferMode` — A value of `true` causes the file specified to be published in blocks of data without further processing of the data. The default value is false. When you set `blockTransferMode` to `true`, you may specify an `endPublishSubject` parameter for FilePublisher and you must specify `generateFileSubjectName` parameter for FileSubscriber.

`blockTransferSize` — This value specifies the block size, in bytes, that the Adapter uses to publish the file. The default value is 65536. This parameter is not used for FileSubscriber.

A file that is published in block transfer mode must be subscribed to in block transfer mode. Data received from a file that is published in block transfer mode does not have record or field characteristics; therefore the `FILE_LINE` element is not required and is ignored.

FileSubscriber can only generate a final output file when it receives a message with a subject that FileSubscriber has defined with the `generateFileSubjectName` parameter. The `autoGenerateFile`, `appendDateTime`, and `generateFileOnNumMsgs` parameters are not used to create the final output file for block transfer mode.

Publisher Parameter Options by FileType

This section defines the parameter options that are valid for each FileType mode. Not all parameter options work with each FileType mode; some parameters are used in common, others are only valid for certain FileTypes. Attempting to use a parameter option that is not supported by a FileType mode will result in an error message or incorrect operation.

The following are the common parameter options for Publisher used by all FileType modes:

- dataSetType
- endPublishSubject
- executeAfterProcess
- executeBeforeProcess
- filePrefix
- inputDataset
- isCertified
- outputDataset
- processDataset
- publishSubjectName
- rcvmTimeLimit
- removeAfterProcess
- startPublishSubject
- triggerFieldName
- triggerSubjectName

Other parameter options that are valid for specific FileType modes are described in the tables below. These tables include:

- ECM Block Mode
- SFT Block Mode
- ECM Record Mode
- Normal Record Mode

ECM Block Mode

A column containing "X" indicates the option is supported; blank indicates not supported.

ECM Block Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM	PDS
Parameter Option	Text	Binary	Text	Binary	Text	Binary		
blockTransferSize	X	X	X	X	X	X		
confirmationSubject								
delimiter								

ECM Block Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM	PDS
Parameter Option	Text	Binary	Text	Binary	Text	Binary		
ECMSubscriber Name	X	X	X	X	X	X		
generateFileField Name								
isBinary		X		X		X		
isRBA								
keepTrailingBlanks	X		X		X			
lineLength	X	X	X	X	X	X		
messagesPer Transaction	X	X	X	X	X	X		
noWaitAfter Confirmations	X	X	X	X	X	X		
pollInterval	X	X	X	X	X	X		
removeLeading Blanks								
removeTrailing Blanks								
retransmissionDelay Ticks	X	X	X	X	X	X		
startAtLine								
totalConfirmation Subscr								
trackingIdSubject	X	X	X	X	X	X		
transactionDelay	X	X	X	X	X	X		
useExplicit Confirmation	X	X	X	X	X	X		

ECM Block Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM	PDS
Parameter Option	Text	Binary	Text	Binary	Text	Binary		
useFieldWidth								
useFilePolling	X	X	X	X	X	X		
useSequentialTemp File								
useTrackingId	X	X	X	X	X	X		
vsamAltIndex								
vsamEndKey								
vsamEndKeyHex								
vsamMaxRecords								
vsamStartKey								
vsamStartKeyHex								
MESSAGE_FIELDS options								

SFT Block Mode

A column containing "X" indicates the option is supported; blank indicates not supported.

SFT Block Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM	PDS
Parameter Option	Text	Binary	Text	Binary	Text	Binary		
blockTransferSize	X	X	X	X	X	X		
confirmationSubject								
delimiter								
ECMSubscriber Name								

SFT Block Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM	PDS
Parameter Option	Text	Binary	Text	Binary	Text	Binary		
generateFileField Name								
isBinary		X		X		X		
isRBA								
keepTrailingBlanks	X	X	X	X	X	X		
lineLength	X	X	X	X	X	X		
messagesPer Transaction	X	X	X	X	X	X		
noWaitAfter Confirmations								
pollInterval	X	X	X	X	X	X		
removeLeading Blanks								
removeTrailing Blanks								
retransmissionDelay Ticks								
startAtLine								
totalConfirmation Subscr								
trackingIdSubject	X	X	X	X	X	X		
transactionDelay	X	X	X	X	X	X		
useExplicit Confirmation								
useFieldWidth								
useFilePolling	X	X	X	X	X	X		

SFT Block Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM	PDS
Parameter Option	Text	Binary	Text	Binary	Text	Binary		
useSequentialTemp File								
useTrackingId	X	X	X	X	X	X		
vsamAltIndex								
vsamEndKey								
vsamEndKeyHex								
vsamMaxRecords								
vsamStartKey								
vsamStartKeyHex								
MESSAGE_FIELDS options								

ECM Record Mode

A column containing "X" indicates the option is supported; blank indicates not supported.

ECM Record Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM	PDS
Parameter Option	Text	Binary	Text	Binary	Text	Binary		
blockTransferSize								
confirmationSubject	X	X	X	X	X	X		X
delimiter	X		X		X			X
ECMSubscriber Name								
generateFileField Name	X	X	X	X	X	X		X
isBinary		X		X		X		X

ECM Record Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM	PDS
Parameter Option	Text	Binary	Text	Binary	Text	Binary		
isRBA								
keepTrailingBlanks								
lineLength	X	X	X	X	X	X		X
messagesPer Transaction	X	X	X	X	X	X		X
noWaitAfter Confirmations								
pollInterval	X	X	X	X	X	X		X
removeLeading Blanks	X		X		X			X
removeTrailing Blanks	X		X		X			X
retransmissionDelay Ticks	X	X	X	X	X	X		X
startAtLine	X	X	X	X	X	X		X
totalConfirmation Subscr	X	X	X	X	X	X		X
trackingIdSubject	X	X	X	X	X	X		X
transactionDelay	X	X	X	X	X	X		X
useExplicit Confirmation	X	X	X	X	X	X		X
useFieldWidth	X	X	X	X	X	X		X
useFilePolling	X	X	X	X	X	X		X
useSequentialTemp File								
useTrackingId	X	X	X	X	X	X		X

ECM Record Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM	PDS
Parameter Option	Text	Binary	Text	Binary	Text	Binary		
vsamAltIndex								
vsamEndKey								
vsamEndKeyHex								
vsamMaxRecords								
vsamStartKey								
vsamStartKeyHex								
MESSAGE_FIELDS options	X	X	X	X	X	X		X

Normal Record Mode

A column containing "X" indicates the option is supported; blank indicates not supported.

Normal Record Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM	PDS
Parameter Option	Text	Binary	Text	Binary	Text	Binary		
blockTransferSize								
confirmationSubject								
delimiter	X		X		X			X
deliveryMode	X	X	X	X	X	X	X	X
ECMSubscriber Name								
endPublish DestinationName	X	X	X	X	X	X	X	X
generateFileField Name	X	X	X	X	X	X		X
isBinary		X		X		X		X

Normal Record Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM	PDS
Parameter Option	Text	Binary	Text	Binary	Text	Binary		
isRBA							X	
JMS_TIBCO_MSG_TRACE	X	X	X	X	X	X	X	X
keepTrailingBlanks								
lineLength	X	X	X	X	X	X	X	X
messagesPer Transaction	X	X	X	X	X	X	X	X
noWaitAfter Confirmations								
pollInterval	X	X	X	X	X	X	X	X
publishDestination Name	X	X	X	X	X	X	X	X
publishDestination Type	X	X	X	X	X	X	X	X
removeLeading Blanks	X		X		X		X	X
removeTrailing Blanks	X		X		X		X	X
retransmissionDelay Ticks								
startAtLine	X	X	X	X	X	X	X	X
startPublish DestinationName	X	X	X	X	X	X	X	X
totalConfirmation Subscr								
trackingId DestinationName	X	X	X	X	X	X	X	X

Normal Record Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM	PDS
Parameter Option	Text	Binary	Text	Binary	Text	Binary		
trackingIdSubject	X	X	X	X	X	X	X	X
transactionDelay	X	X	X	X	X	X	X	X
triggerDestination Name	X	X	X	X	X	X	X	X
triggerDestination Type	X	X	X	X	X	X	X	X
useExplicit Confirmation								
useFieldWidth	X	X	X	X	X	X	X	X
useFilePolling	X	X	X	X	X	X	X	X
useSequentialTemp File								
useTrackingId	X	X	X	X	X	X	X	X
vsamAltIndex							X	
vsamEndKey							X	
vsamEndKeyHex							X	
vsamMaxRecords							X	
vsamStartKey							X	
vsamStartKeyHex							X	
MESSAGE_FIELDS options	X	X	X	X	X	X	X	X

Subscriber Parameter Options by FileType

This section defines the parameter options that are valid for each FileType mode. Not all parameter options work with each FileType mode; some parameters are used in common, others are only valid for certain FileTypes. Attempting to use a parameter option that is not supported by a FileType mode will result in an error message or incorrect operation.

In general, the Subscriber does not support receipt of ECM Record Mode transmissions. ECM Record Mode is primarily designed to communicate with custom-defined TIBCO BusinessWorks applications.

The following are the common parameter options for Subscriber used by all FileType modes:

- dataSetType
- executeAfterProcess
- executeBeforeProcess
- filePrefix
- isCertified
- outputDataset
- subscribeSubjectName

Other parameter options that are valid for specific FileType modes are described in the tables below. These tables include:

- ECM Block Mode
- SFT Block Mode
- Normal Record Mode

ECM Block Mode

A column containing "X" indicates the option is supported; blank indicates not supported.

ECM Block Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM
Parameter Option	Text	Binary	Text	Binary	Text	Binary	
appendToExistingFile	X	X	X	X			
autoGenerateFile	X	X	X	X	X	X	

ECM Block Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM
Parameter Option	Text	Binary	Text	Binary	Text	Binary	
blockSizeAlloc	X	X	X	X	X	X	
blockTransferMode	X	X	X	X	X	X	
confirmationSubject							
delimiter							
ECMSubscriberName	X	X	X	X	X	X	
exitOnFileSaveError	X	X	X	X	X	X	
fileHeader	X		X		X		
fileTrailer	X		X		X		
forcePublishedFileName	X	X	X	X	X	X	
generateFileFieldName							
generateFileOnNumberOfM	X	X	X	X	X	X	
generateFileSubjectName							
genFilePublishSubject	X	X	X	X	X	X	
isBinary		X		X		X	
lineLength	X	X	X	X	X	X	
noOfRetries	X	X	X	X	X	X	
padCharacter							
padDirection							
primaryAlloc	X	X	X	X	X	X	
retransmissionDelayTicks	X	X	X	X	X	X	
retryInterval	X	X	X	X	X	X	
saveFileInterval	X	X	X	X	X	X	

ECM Block Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM
Parameter Option	Text	Binary	Text	Binary	Text	Binary	
secondaryAlloc	X	X	X	X	X	X	
skipPadding							
trackingIdSubject	X	X	X	X	X	X	
truncateRecords	X		X		X		
useExplicitConfirmation	X	X	X	X	X	X	
useFixedRecordFile	X	X	X	X	X	X	
useTrackingId	X	X	X	X	X	X	
vsamFileMode							
vsamLogFile							
vsamUseLog							
FILE_LINE options	X	X	X	X	X	X	X

SFT Block Mode

A column containing "X" indicates the option is supported; blank indicates not supported.

SFT Block Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM
Parameter Option	Text	Binary	Text	Binary	Text	Binary	
appendToExistingFile	X	X	X	X			
autoGenerateFile	X	X	X	X	X	X	
blockSizeAlloc	X	X	X	X	X	X	
blockTransferMode	X	X	X	X	X	X	
confirmationSubject							
delimiter							

SFT Block Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM
Parameter Option	Text	Binary	Text	Binary	Text	Binary	
ECMSubscriberName							
exitOnFileSaveError	X	X	X	X	X	X	
fileHeader	X		X		X		
fileTrailer	X		X		X		
forcePublishedFileName	X	X	X	X	X	X	
generateFileFieldName	X	X	X	X	X	X	
generateFileOnNumberOfM	X	X	X	X	X	X	
generateFileSubjectName	X	X	X	X	X	X	
genFilePublishSubject	X	X	X	X	X	X	
isBinary		X		X		X	
lineLength	X	X	X	X	X	X	
noOfRetries	X	X	X	X	X	X	
padCharacter							
padDirection							
primaryAlloc	X	X	X	X	X	X	
retransmissionDelayTicks							
retryInterval	X	X	X	X	X	X	
saveFileInterval							
secondaryAlloc	X	X	X	X	X	X	
skipPadding							
trackingIdSubject	X	X	X	X	X	X	
truncateRecords	X		X		X		

SFT Block Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM
Parameter Option	Text	Binary	Text	Binary	Text	Binary	
useExplicitConfirmation							
useFixedRecordFile	X	X	X	X	X	X	
useTrackingId	X	X	X	X	X	X	
vsamFileMode							
vsamLogFile							
vsamUseLog							
FILE_LINE options	X	X	X	X	X	X	X

Normal Record Mode

A column containing "X" indicates the option is supported; blank indicates not supported.

Normal Record Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM
Parameter Option	Text	Binary	Text	Binary	Text	Binary	
appendToExistingFile	X	X	X	X			
autoGenerateFile	X	X	X	X	X	X	
blockSizeAlloc	X	X	X	X	X	X	
blockTransferMode							
confirmationSubject	X	X	X	X	X	X	
delimiter	X	X	X	X	X	X	
ECMSubscriberName							
exitOnFileSaveError	X	X	X	X	X	X	
fileHeader	X		X		X		
fileTrailer	X		X		X		

Normal Record Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM
Parameter Option	Text	Binary	Text	Binary	Text	Binary	
forcePublishedFileName	X	X	X	X	X	X	
generateFileDestinationName	X	X	X	X	X	X	
generateFileFieldName	X	X	X	X	X	X	
generateFileOnNumberOfM	X	X	X	X	X	X	
generateFileSubjectName	X	X	X	X	X	X	
genFilePublishDestination Name	X	X	X	X	X	X	
genFilePublishSubject	X	X	X	X	X	X	
isBinary		X		X		X	
JMS_TIBCO_MSG_TRACE	X	X	X	X	X	X	
lineLength	X	X	X	X	X	X	
noOfRetries	X	X	X	X	X	X	
padCharacter	X		X		X		
padDirection	X		X		X		
primaryAlloc	X	X	X	X	X	X	
retransmissionDelayTicks							
retryInterval	X	X	X	X	X	X	
saveFileInterval	X	X	X	X	X	X	
secondaryAlloc	X	X	X	X	X	X	
skipPadding	X		X		X		
subscribeDestinationName	X	X	X	X	X	X	
subscribeDesinationType	X	X	X	X	X	X	
trackingIdDestinationName	*	*	*	*	*	*	

Normal Record Mode	Sequential Fixed Block		Sequential Variable Block		Generation DataSets (GDG)		VSAM
Parameter Option	Text	Binary	Text	Binary	Text	Binary	
trackingIdSubject	*	*	*	*	*	*	
truncateRecords	X	X	X	X	X	X	
useExplicitConfirmation							
useFixedRecordFile	X	X	X	X	X	X	
useTrackingId	*	*	*	*	*	*	
vsamFileMode							X
vsamLogFile							X
vsamUseLog							X
FILE_LINE options	X	X	X	X	X	X	X

* Tracking notification via useTrackingId, trackingIdSubject, and trackingIdDestinationName is only performed for Record Mode files if the generateFileSubjectName or generateFileDestinationName option is also used.

Guaranteed Delivery for EMS Messages

This section describes the setup required for guaranteed delivery for EMS messages using durable subscribers.

Guaranteed delivery and receipt of EMS messages is enabled by sending persistent messages over topics to durable subscribers. For this purpose, only the transferTypes of `BlockModeSFT` and `RecordMode` with EMS are used.

Durable subscribers to a topic cause published messages to be saved while the durable subscriber is offline. Also, subscribers to a topic that are connected to a fault-tolerant server will receive messages from the secondary server after a failover

Follow these steps to achieve guaranteed delivery:

1. Set the `deliveryMode="persistent"` for the Publisher.

   Persistent messages published to a topic are written to disk only if that topic has at least one durable subscriber or one subscriber with a fault-tolerant connection to the EMS server.

2. Set the `publishDestinationType="TOPIC"` for the Publisher

   Similarly, for the subscriber, set the `subscribeDestinationName="TOPIC"`.

3. Set the `SubscriberName="sub1"`

   Here, `sub1` is an identifier of your choice.

   A new `SubscriberName` ID is required so that the EMS server can identify which consumer client(s) require(s) which messages resent after a failure. This Subscribername ID is created dynamically when the Subscriber is started. These durable subscriber Subscriber IDS can also be created with the aid of the EMS Administration Tool or through configuration files on the server. This first implementation of durable subscriber support in the Adapter does not have any mechanism to remove a durable subscriber through the Subscriber; the EMS Administration tool will have to be used.

4. Optionally specify which EMS_ACK_TYPE acknowledgement for the Subscriber to use.

If the `endPublishDestinationName` parameter is specified in the Publisher, it must equal the same value as `publishDestinationName`. Similarly, the value of the `subscribeDestinationName` parameter and `publishDestinationName` must equal the value of the `generateFileSubjectName` parameter. in the Subscriber.

Chapter 4 Starting and Stopping the Adapter

The directions in this chapter assume you have the desired configuration file for FilePublisher and FileSubscriber ready. FilePublisher and FileSubscriber are started independent of each other.

Topics

Starting FilePublisher

Before starting FilePublisher:, ensure the following:

- If using TIBCO Rendezvous, make sure the daemon is running. If using a remote daemon, ensure that it is started with the `-permanent` option. Normally if the TIBCO Rendezvous daemon is not running, execution of FilePublisher starts the daemon automatically.
- If using TIBCO EMS, make sure that the TIBCO EMS server you are connecting to is running.

To start FilePublisher:

1. Change the job `FPRUN` in the installed library as follows:
   a. Specify the correct load library where the load module `SXF3EPUB (EMS)/SXF3RPUB (RV)` is located in the `STEPLIB DD` statement.
   b. In the `PARM` clause, specify the configuration filename with the **`-config`** option.
2. Submit the changed `FPRUN` job to start FilePublisher.

Starting FileSubscriber

Before starting FileSubscriber:, ensure the following:

- If using TIBCO Rendezvous, make sure the daemon is running. If using a remote daemon, ensure that it is started with the `-permanent` option. Normally if the TIBCO Rendezvous daemon is not running, execution of FileSubscriber starts the daemon automatically.
- If using TIBCO EMS, make sure that the TIBCO EMS server you are connecting to is running.

To start FileSubscriber:

1. Change the job `FSRUN` in the installed library as follows:
   a. Specify the correct load library where the load module `SXF3ESUB (EMS)/SXF3RSUB (RV)` is located in the `STEPLIB DD` statement.
   b. In the `PARM` clause, specify the configuration file name with the **`-config`** option.
2. Submit the changed `FSRUN` job to start FileSubscriber.

Starting the Adapter as a Started Task

To run FilePublisher or FileSubscriber as an MVS started task, copy the JCL procedure for publisher or subscriber into a procedure library that is defined in the JES2 startup. Issue the MVS `start` command from the console to start the task.

Stopping FilePublisher

Once FilePublisher is started, it listens to the following Terminate subject/destination:

`_FILEADAPTER.<adapterName>.TERMINATE`

where *<adapterName>* is the name of the Adapter instance as configured in the FilePublisher configuration file.

You can stop FilePublisher by sending a Terminate message to the Terminate subject/destination shown above.

Stopping FileSubscriber

Once FileSubscriber is started, it listens to the following Terminate subject/destination:

`_FILEADAPTER.`*<adapterName>*`.TERMINATE`

where *<adapterName>* is the name of the Adapter instance as configured in the FileSubscriber configuration file.

You can stop FileSubscriber by sending a Terminate message to the subject/destination name shown above.

Stopping the Adapter when Running as a Started Task

Stopping an adapter when running as a started task is done via normal MVS `stop` commands.

Appendix A Frequently Asked Questions

This appendix lists answers to frequently asked questions.

Topics

How can I subscribe to a batch of messages and generate the out file after receiving the entire batch?

If you want to subscribe to a batch of messages and generate the out file after receiving the entire batch, complete the following steps:

1. Publish the batch of records with a `publishSubjectName`, for example, `A.B`.
2. Using the subscriber, configure a subscription to the messages with the `subscribeSubjectName` set to `"A.B"` (in the FileSubscriber configuration file).
3. Set the `generateFileSubjectName="A.B"` in the FileSubscriber configuration file.
4. Set the `generateFileFieldName="STOP"` (can be any value, `STOP` is descriptive)
5. After publishing the entire batch, publish a message with `subjectName="A.B"`, which contains the `STOP` field. For example.

   ```
   A.B
   {
    RVMSG_STRING  6  STOP  "12345"
   }
   ```

   or

   ```
   tibrvlisten: Listening to subject A.B
   [2002-01-22 20:30:14]: subject=A.B, message={STOP="TIBADAPTER"}
   ```

Note that this solution may not work in a multi-threaded environment. That is, if several FilePublishers are sending messages on the same subject, the above scenario will fail.

How can I resolve s878 abend?

System 878 abend typically occurs when the system is attempting to fetch virtual storage using the `STORAGE` or `GETMAIN` macro. This can occur when you are subscribing to a huge volume of data. To resolve this, set the `REGION` parameter to `0M`.

Does the Adapter handle ASCII to EBCDIC conversion?

The adapter can not handle ASCII data. No ASCII to EBCDIC conversion takes place in the Adapter.

How do I monitor the Adapter?

The adapter does not provide TIBCO Hawk microagents. It only publishes HEARTBEAT messages at specified intervals as specified in the configuration file.

You can monitor key events that are processed by the Adapter by setting the `EEM_Subject` element and installing the TIBCO EEM monitoring software. See BusinessEvents™ Messages on page 18 for more information.

Dump data sets

The sample JCL provided for Publisher and Subscriber contains a SYSMDUMP DD statement. In the event of an abend occurring in either of those programs, TIBCO support may need to see the dump in order to diagnose problems.

Appendix B Trace Log Examples

This appendix shows trace logs that record a successful session and a failed session for FilePublisher and FileSubscriber. Information in these trace logs is produced according to trace levels specified by the configuration files for FilePublisher and FileSubscriber.

Topics

Example of a Successful FilePublisher Session

```
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-INIT_TRACE SXF0050I Copyright 2000, 2004
by TIBCO Software, Inc.
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-INIT_TRACE SXF0050I All Rights Reserved.
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-INIT_TRACE SXF0051I
************************************************************
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-INIT_TRACE SXF0052I S/390 FilePublisher
start...
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-INIT_TRACE SXF0053I File Adapter
FilePublisher - version: 4.0.8 (2004-Mar-16A)
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-INIT_TRACE SXF0054I build: Mar 17 2004
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-INIT_TRACE SXF0055I Using configuration
file: <XXXXX.TFA330.CONFIG(PUB001)>
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-INIT_TRACE SXF0341I Trace Level: 3
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-INIT_TRACE SXF0056I
************************************************************
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0179I ===¨ OPTIONS section:
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LD_RV_PARM SXF0061I <--- RV_SESSION
Summary Begin
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LD_RV_PARM SXF0062I Name: Test_FilePub
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LD_RV_PARM SXF0063I Service: 7500
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LD_RV_PARM SXF0064I Network:
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LD_RV_PARM SXF0065I Daemon:
10.105.160.141:7500
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LD_RV_PARM SXF0066I ----> RV_SESSION
Summary End
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-INIT_RVSES SXF0057I Initialized
TIB/Rendezvous, version 7.1.12 <Engineering Test>
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-INIT_RVSES SXF0058I Creating RV session
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-PRS_OPT_AT SXF0161I Process Directory:
XXXXX.FILEPUB.PROCESS
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-PRS_OPT_AT SXF0163I Adapter Name: PUB001
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0181I ===¨ FILE TYPE
section:
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0080I --> File Type Options
Begin: Num 0
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0081I File Prefix: PB001
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0083I File Extension:
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0084I Data Set Type: SEQ
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0085I Use File Polling:
false
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0086I Poll Interval: 1000
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0087I Subject Name:
C.BLOCK_TRANSFER.FILE
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0088I Start Publish
Subject:
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0089I End Publish Subject:
END.BLOCK_TRANSFER.FILE
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0090I Trigger Subject Name:
PUB001.TRIG
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0091I Trigger Field Name:
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0093I Input Directory:
```

```
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0094I Process Directory:
XXXXX.FILEPUB.PROCESS
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0095I Output Directory:
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0096I Publish Start
Message: false
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0097I Publish End Message:
true
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0098I Execute Before
Process:
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0099I Execute After
Process:
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0100I Remove After Process:
runJCL
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0101I Messages Per
Transaction: 10
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0102I Transaction Delay:
2000
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0103I Block Transfer Mode:
true
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0104I Block Transfer Size:
65536
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0105I Use Explicit
Confirmation: false
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0106I Flex-mode ECM: false
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0111I Total V19
Confirmation Subscribers: 0
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0112I Retransmission Delay
Tick Count: 10
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0113I No Wait After
Confirmations: true
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0114I Is Certified: false
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0115I RVCM Time Limit: 60
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0116I Binary input file:
false
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0118I lineLength: 80
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0135I Delimiter: |
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0136I Start At Line: 1
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0137I Use Field Width:
false
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0138I Remove Leading
Blanks: false
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0139I Remove Trailing
Blanks: false
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0338I Block Mode Keep
Trailing Blanks: false
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0140I Use Sequential Temp
Files: true
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0141I Default (Polling)
User ID:
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0146I <-- File Type Options
End: Num 0
2004 Mar 17 15:52:31 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2004 Mar 17 15:52:31 PBL INFO  [APP] AE390-COMP_Q_FILE SXF1000I Job Queue File:
<//'XXXXX.FILEPUB.PROCESS.fpqueue'>
2004 Mar 17 15:52:31 PBL INFO  [APP] AE390-FAPUB_MAIN SXF1519I Setting up terminate
adapter subject <_FILEADAPTER.PUB001.TERMINATE>
```

```
2004 Mar 17 15:52:31 PBL INFO  [APP] AE390-INT_FL_PLR SXF1035I <PB001,> no poll
timer created. Trigger start assumed.
2004 Mar 17 15:52:31 PBL INFO  [APP] AE390-SET_TRG_LSTNR SXF1042I <PB001,> Create
Listener using trigger subject: <PUB001.TRIG>
2004 Mar 17 15:52:31 PBL INFO  [APP] AE390-FAPUB_MAIN SXF1525I Completed
Initialization and any Recovery of Publisher
2004 Mar 17 15:54:21 PBL INFO  [APP] AE390-HNDL_TRIGR SXF1024I <PB001> Received
trigger for Subject=<PUB001.TRIG>, for filename: <WW
ong.pub.small.fixed.data>
2004 Mar 17 15:54:21 PBL INFO  [APP] AE390-HNDL_TRIGR SXF1030I <PB001> Publishing
file <XXXXX.pub.small.fixed.data> from trigger Sub
ject=<PUB001.TRIG>
2004 Mar 17 15:54:21 PBL INFO  [APP] AE390-SCH_JOBQ SXF1009I <PB001> Publishing
file: <XXXXX.pub.small.fixed.data> with UserId=
2004 Mar 17 15:54:21 PBL INFO  [APP] AE390-PUBLS_FILE SXF2060I
<XXXXX.pub.small.fixed.data> Tracking ID: S9I@@@@@E3XZ9E@5Etzzw#MUzzw
2004 Mar 17 15:54:21 PBL INFO  [APP] AE390-PUBLS_FILE SXF2283I
<//'XXXXX.pub.small.fixed.data'> Opening file with mode=r
2004 Mar 17 15:54:21 PBL INFO  [APP] AE390-PUBLS_FILE SXF2057I
<XXXXX.pub.small.fixed.data> SEQ/GDG/PDS file name=<'XXXXX.PUB.SMALL.
FIXED.DATA'>. Dynamic recl=80  bufsize=6400  vb=0
2004 Mar 17 15:54:21 PBL INFO  [APP] AE390-PUBLS_FILE SXF2059I <PB001> Start
publishing using PROGRESS file: <//'XXXXX.FILEPUB.PROCE
SS.PRGPB001'>
2004 Mar 17 15:54:21 PBL INFO  [APP] AE390-PUBLS_FILE SXF2063I <PB001> Start
publishing STANDARD BLOCK TRANSFER MODE, file=<XXXXX.pu
b.small.fixed.data> tranDelay timer=2.000000E+00
2004 Mar 17 15:54:21 PBL INFO  [APP] AE390-PUBLS_FILE SXF2065I
<XXXXX.pub.small.fixed.data> Publishing to subject <C.BLOCK_TRANSFER.
FILE> with User Id=<>
2004 Mar 17 15:54:21 PBL INFO  [APP] AE390-PUBL_BLOCK SXF2043I
<XXXXX.pub.small.fixed.data> In Publish Block: numPublished so far=0
<PB001>,  msgPerXaction=10  lineLen=80  bsize=65536  eofsm=0  retry=1  timer=0
2004 Mar 17 15:54:21 PBL INFO  [APP] AE390-PUBL_BLOCK SXF2046I
<XXXXX.pub.small.fixed.data> Sending Block number 1 containing 972 by
tes  (blocksize=65536)
2004 Mar 17 15:54:21 PBL INFO  [APP] AE390-PUBL_BLOCK SXF2048I
<XXXXX.pub.small.fixed.data> published 1 block(s) on subject C.BLOCK_
TRANSFER.FILE, up to block 1
2004 Mar 17 15:54:23 PBL INFO  [APP] AE390-PUBL_BLOCK SXF2043I
<XXXXX.pub.small.fixed.data> In Publish Block: numPublished so far=1
<PB001>,  msgPerXaction=10  lineLen=80  bsize=65536  eofsm=0  retry=1  timer=1
2004 Mar 17 15:54:23 PBL INFO  [APP] AE390-HDL_EOF_BLOCK SXF2035I
<XXXXX.pub.small.fixed.data> Std Block-Mode EOF completed publishi
ng file on subject: C.BLOCK_TRANSFER.FILE. Sending EndMsg. ErrStat=0
2004 Mar 17 15:54:23 PBL INFO  [APP] AE390-PB_END_MSG SXF2051I
<XXXXX.pub.small.fixed.data> Publishing End Message to subject=<C.BLO
CK_TRANSFER.FILE>  Idx=0  Msg# 0
2004 Mar 17 15:54:23 PBL INFO  [APP] AE390-PB_END_MSG SXF2052I
<XXXXX.pub.small.fixed.data> Sent ECM EOF EndMsg on Subject=<END.BLOC
K_TRANSFER.FILE> with FileName set=<XXXXX.pub.small.fixed.data>. Waiting for final
EOF Ack. Msg#=2
2004 Mar 17 15:54:23 PBL INFO  [APP] AE390-CMPLT_FIL_PUB SXF2007I
<XXXXX.pub.small.fixed.data> completeFilePublish performing final
cleanup actions. JCL Exec CC=0 caller=handleEOF1
2004 Mar 17 15:54:23 PBL INFO  [APP] AE390-CMPLT_FIL_PUB SXF2009I
<XXXXX.pub.small.fixed.data> Finished publishing STANDARD BLOCK TR
```

```
ANSFER MODE: no errors
2004 Mar 17 15:54:23 PBL INFO  [APP] AE390-DN_PUB_CLB SXF1014I <PB001> File Done
Callback. Completed file: <XXXXX.pub.small.fixed.da
ta>  using ECM=0
2004 Mar 17 15:54:23 PBL INFO  [APP] AE390-FIN_JOB SXF1001I FinishJob status:
NumConCurrJobs=0   MaxConcur=12   NumQueued=0   JobQ=0
2004 Mar 17 15:54:23 PBL INFO  [APP] AE390-DN_PUB_CLB SXF1019I <PB001> Done handler
called, publishing next file if any
2004 Mar 17 15:54:35 PBL INFO  [APP] AE390-EXIT_CALLB SXF1506I Received exit
message, exiting app...
2004 Mar 17 15:54:35 PBL INFO  [APP] AE390-FAPUB_EXIT SXF1510I S/390 FilePublisher
exited successfully
```

Example of a Failed FilePublisher Session

```
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-INIT_TRACE SXF0050I Copyright 2000, 2004
by TIBCO Software, Inc.
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-INIT_TRACE SXF0050I All Rights Reserved.
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-INIT_TRACE SXF0051I
************************************************************
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-INIT_TRACE SXF0052I S/390 FilePublisher
start...
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-INIT_TRACE SXF0053I File Adapter
FilePublisher - version: 4.0.8 (2004-Mar-16A)
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-INIT_TRACE SXF0054I    build: Mar 17 2004
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-INIT_TRACE SXF0055I Using configuration
file: <XXXXX.TFA330.CONFIG(PUB001)>
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-INIT_TRACE SXF0341I Trace Level: 3
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-INIT_TRACE SXF0056I
************************************************************
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0179I [===¨ OPTIONS
section:
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LD_RV_PARM SXF0061I <--- RV_SESSION
Summary Begin
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LD_RV_PARM SXF0062I Name: Test_FilePub
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LD_RV_PARM SXF0063I Service: 7500
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LD_RV_PARM SXF0064I Network:
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LD_RV_PARM SXF0065I Daemon:
10.105.160.141:7500
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LD_RV_PARM SXF0066I ----> RV_SESSION
Summary End
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-INIT_RVSES SXF0057I Initialized
TIB/Rendezvous, version 7.1.12 <Engineering Test>
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-INIT_RVSES SXF0058I Creating RV session
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-PRS_OPT_AT SXF0161I Process Directory:
XXXXX.FILEPUB.PROCESS
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0181I [===¨ FILE TYPE
section:
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0080I --> File Type Options
Begin: Num 0
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0081I File Prefix: PB001
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0083I File Extension:
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0084I Data Set Type: SEQ
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0085I Use File Polling:
false
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0086I Poll Interval: 1000
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0087I Subject Name:
C.BLOCK_TRANSFER.FILE
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0088I Start Publish
Subject:
2004 Mar 17 16:09:45 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0089I End Publish Subject:
END.BLOCK_TRANSFER.FILE
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0090I Trigger Subject Name:
PUB001.TRIG
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0091I Trigger Field Name:
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0093I Input Directory:
```

```
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0094I Process Directory:
XXXXX.FILEPUB.PROCESS
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0095I Output Directory:
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0096I Publish Start
Message: false
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0097I Publish End Message:
true
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0098I Execute Before
Process:
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0099I Execute After
Process:
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0100I Remove After Process:
runJCL
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0101I Messages Per
Transaction: 10
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0102I Transaction Delay:
2000
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0103I Block Transfer Mode:
true
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0104I Block Transfer Size:
65536
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0105I Use Explicit
Confirmation: false
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0106I Flex-mode ECM: false
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0111I Total V19
Confirmation Subscribers: 0
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0112I Retransmission Delay
Tick Count: 10
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0113I No Wait After
Confirmations: true
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0114I Is Certified: false
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0115I RVCM Time Limit: 60
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0116I Binary input file:
false
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0118I lineLength: 80
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0135I Delimiter: |
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0136I Start At Line: 1
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0137I Use Field Width:
false
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0138I Remove Leading
Blanks: false
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0139I Remove Trailing
Blanks: false
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0338I Block Mode Keep
Trailing Blanks: false
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0140I Use Sequential Temp
Files: true
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0141I Default (Polling)
User ID:
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0146I <-- File Type Options
End: Num 0
2004 Mar 17 16:09:46 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2004 Mar 17 16:09:46 PBL ERROR [CFG] AE390-PRS_CFG_FL SXF0325E Missing ADAPTER_NAME
definition
fatal error, exiting app...
```

Example of a Successful FileSubscriber Session

```
2004 Mar 17 15:56:12 SUB INFO  [CFG] AE390-INIT_TRACE SXF5050I Copyright 2000, 2004
by TIBCO Software, Inc.
2004 Mar 17 15:56:12 SUB INFO  [CFG] AE390-INIT_TRACE SXF5050I All Rights Reserved.
2004 Mar 17 15:56:12 SUB INFO  [CFG] AE390-INIT_TRACE SXF5051I
************************************************************
2004 Mar 17 15:56:12 SUB INFO  [CFG] AE390-INIT_TRACE SXF5052I S/390 FileSubscriber
start...
2004 Mar 17 15:56:12 SUB INFO  [CFG] AE390-INIT_TRACE SXF5053I File Adapter
Subscriber - version: 4.0.8 (2004-Mar-16)
2004 Mar 17 15:56:12 SUB INFO  [CFG] AE390-INIT_TRACE SXF5054I    build: Mar 16 2004
2004 Mar 17 15:56:12 SUB INFO  [CFG] AE390-INIT_TRACE SXF5055I Using configuration
file: <XXXXX.TFA330.CONFIG(SUB001)>
2004 Mar 17 15:56:12 SUB INFO  [CFG] AE390-INIT_TRACE SXF5305I Trace Level: 2
2004 Mar 17 15:56:12 SUB INFO  [CFG] AE390-INIT_TRACE SXF5056I
************************************************************
2004 Mar 17 15:56:12 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5186I
2004 Mar 17 15:56:12 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5187I [===¨ OPTIONS
section:
2004 Mar 17 15:56:13 SUB INFO  [CFG] AE390-LOAD_RVSPM SXF5061I <--- RV_SESSION
Summary Begin
2004 Mar 17 15:56:13 SUB INFO  [CFG] AE390-LOAD_RVSPM SXF5062I Name: Test_FileSub
2004 Mar 17 15:56:13 SUB INFO  [CFG] AE390-LOAD_RVSPM SXF5063I Service: 7500
2004 Mar 17 15:56:13 SUB INFO  [CFG] AE390-LOAD_RVSPM SXF5064I Network:
2004 Mar 17 15:56:13 SUB INFO  [CFG] AE390-LOAD_RVSPM SXF5065I Daemon:
10.105.160.141:7500
2004 Mar 17 15:56:13 SUB INFO  [CFG] AE390-LOAD_RVSPM SXF5066I ----> RV_SESSION
Summary End
2004 Mar 17 15:56:13 SUB INFO  [CFG] AE390-INIT_RVSES SXF5057I Initialized
TIB/Rendezvous, version 7.1.12 <Engineering Test>
2004 Mar 17 15:56:13 SUB INFO  [CFG] AE390-INIT_RVSES SXF5058I Creating RV session
2004 Mar 17 15:56:13 SUB INFO  [CFG] AE390-PRS_OPT_AT SXF5170I Output Directory:
XXXXX.SUB001.TXT
2004 Mar 17 15:56:13 SUB INFO  [CFG] AE390-PRS_OPT_AT SXF5171I Adapter Name: PUB001
2004 Mar 17 15:56:13 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5186I
2004 Mar 17 15:56:13 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5188I [===¨ FILE TYPE
section:
2004 Mar 17 15:56:14 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5080I --> File Type Options
Begin: Num 0
2004 Mar 17 15:56:14 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5081I File Prefix: SB001
2004 Mar 17 15:56:14 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5083I File Extension:
2004 Mar 17 15:56:14 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5084I Data Set Type: SEQ
2004 Mar 17 15:56:14 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5085I Subject Name:
C.BLOCK_TRANSFER.FILE
2004 Mar 17 15:56:14 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5086I Generate File Subject
Name: END.BLOCK_TRANSFER.FILE
2004 Mar 17 15:56:14 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5087I Generate File Publish
Subject:
2004 Mar 17 15:56:14 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5088I Generate File On
Number of Messages: 0
2004 Mar 17 15:56:14 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5089I Publish Generate File
Message: false
```

```
2004 Mar 17 15:56:14 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5090I Save File Interval:
120000
2004 Mar 17 15:56:14 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5091I Auto Generate File:
false
2004 Mar 17 15:56:15 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5092I Generate File Field
Name: FileName
2004 Mar 17 15:56:15 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5093I Process Directory:
2004 Mar 17 15:56:15 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5095I Output Directory:
XXXXX.SUB001.TXT
2004 Mar 17 15:56:15 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5096I Append Date/Time:
false
2004 Mar 17 15:56:15 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5097I Append File sequence
number: false
2004 Mar 17 15:56:15 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5098I Force published
filename: false
2004 Mar 17 15:56:15 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5099I Execute Before
Process:
2004 Mar 17 15:56:15 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5100I Execute After
Process:
2004 Mar 17 15:56:15 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5101I Block Transfer Mode:
true
2004 Mar 17 15:56:15 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5102I Block Transfer Size:
65536
2004 Mar 17 15:56:15 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5103I Use Explicit
Confirmation: false
2004 Mar 17 15:56:16 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5104I Confirmation Subject:
2004 Mar 17 15:56:16 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5109I Is Certified: false
2004 Mar 17 15:56:16 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5110I Binary output file:
false
2004 Mar 17 15:56:16 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5111I Use Fixed Record
File: true
2004 Mar 17 15:56:16 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5113I lineLength: 80
2004 Mar 17 15:56:16 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5115I Primary Space
Allocation: 2
2004 Mar 17 15:56:16 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5116I Secondary Space
Allocation: 1
2004 Mar 17 15:56:16 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5118I Append To An Existing
File: true
2004 Mar 17 15:56:16 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5119I Exit On File Save
Error: false
2004 Mar 17 15:56:16 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5120I Max no of retry
times: 0
2004 Mar 17 15:56:16 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5121I Retry Interval: 0
2004 Mar 17 15:56:16 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5142I Delimiter:
2004 Mar 17 15:56:17 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5143I Pad Character: ' '
2004 Mar 17 15:56:17 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5144I Pad Direction: right
2004 Mar 17 15:56:17 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5145I Skip Padding: false
2004 Mar 17 15:56:17 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5146I File Header:
2004 Mar 17 15:56:17 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5147I File Trailer:
2004 Mar 17 15:56:17 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5153I <-- File Type Options
End: Num 0
2004 Mar 17 15:56:17 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5186I
2004 Mar 17 15:56:17 SUB INFO  [APP] AE390-FASUB_MAIN SXF6011I Setting up terminate
adapter subject <_FILEADAPTER.PUB001.TERMINATE>
2004 Mar 17 15:56:17 SUB INFO  [APP] AE390-SET_SUBSCRS SXF7113I
<C.BLOCK_TRANSFER.FILE> Setup subscribe to this subject for FileType
 Prefix=SB001
```

```
2004 Mar 17 15:56:17 SUB INFO  [APP] AE390-FASUB_MAIN SXF6016I Completed
Initialization and any Recovery of Subscriber
2004 Mar 17 16:00:00 SUB INFO  [APP] AE390-PROCSS_MSG SXF7079I
<XXXXX.SUB001.TXT.SB001.CWK> received BlockNum=1 from msg. currblk=0
 peof=0 lack=0 eo=0
Do_open_files: raw_workfile=XXXXX.SUB001.TXT.SB001.CWK
2004 Mar 17 16:00:00 SUB INFO  [APP] AE390-OPN_FILES SXF7009I
<XXXXX.SUB001.TXT.SB001.CWK> SEQ/GDG/PDS TEXT lineLng=80  recl=80  blk
size=88. Full name='XXXXX.SUB001.TXT.SB001.CWK'
2004 Mar 17 16:00:00 SUB INFO  [APP] AE390-PROCSS_MSG SXF7080I
<XXXXX.SUB001.TXT.SB001.CWK> total Block data bytes rcvd=972 in block
 # 1. Eof_indi=0
2004 Mar 17 16:00:01 SUB INFO  [APP] AE390-PROC_TXT_MSG SXF7087I
<XXXXX.SUB001.TXT.SB001.CWK> Processing TEXT data - block number=1,
 data size=972, lrecl=80  expnl=0 pbl=0
2004 Mar 17 16:00:01 SUB INFO  [APP] AE390-PROC_TXT_MSG SXF7090I
<XXXXX.SUB001.TXT.SB001.CWK> Wrote 12 TEXT records of max 80 bytes
each. pb_lng=0  rc=81
2004 Mar 17 16:00:01 SUB INFO  [APP] AE390-PROCSS_MSG SXF7082I
<XXXXX.SUB001.TXT.SB001.CWK> latest valid line/block number=1 on work
file
2004 Mar 17 16:00:02 SUB INFO  [APP] AE390-GEN_OUT_FL SXF7020I <SB001> Generating
file <XXXXX.SUB001.TXT.SB001.CWK> - for criterion=
trigger message. nl=1  blk=-1. Caller=V19_rvMsgCallback
2004 Mar 17 16:00:02 SUB INFO  [APP] AE390-GEN_OUT_FL SXF7028I
<XXXXX.SUB001.TXT.SB001.CWK> Closed SEQ/PDS/GDG working file
2004 Mar 17 16:00:02 SUB INFO  [APP] AE390-GEN_OUT_FL SXF7038I
<XXXXX.SUB001.TXT.SB001.CWK> Generating target file=<//'XXXXX.SUB001.
TXT.SB001'> 1 lines, 1 messages, no errors
2004 Mar 17 16:00:02 SUB INFO  [APP] AE390-GEN_OUT_FL SXF7049I
<XXXXX.SUB001.TXT.SB001.CWK> Appending to target output file <//'WWON
G.SUB001.TXT.SB001'>, if it exists
2004 Mar 17 16:00:03 SUB INFO  [APP] AE390-COPY_IO SXF7098I
<XXXXX.SUB001.TXT.SB001.CWK> SEQ/GDG/PDS output TEXT file=<//'XXXXX.SUB0
01.TXT.SB001'> lineLng=80  recl=80  blksize=80
2004 Mar 17 16:00:03 SUB INFO  [APP] AE390-RNM_BY_CPY SXF7099I
<XXXXX.SUB001.TXT.SB001.CWK> renameByCopy complete. Workfile has been
 closed and deleted
2004 Mar 17 16:00:03 SUB INFO  [APP] AE390-GEN_OUT_PP SXF7053I
<//'XXXXX.SUB001.TXT.SB001.PRG'> Progress file has been closed
2004 Mar 17 16:00:03 SUB INFO  [APP] AE390-GEN_OUT_PP SXF7317W <SB001> Deleting PRG
file
2004 Mar 17 16:01:23 SUB INFO  [APP] AE390-EXIT_CALLB SXF6001I Received exit
message, exiting app...
2004 Mar 17 16:01:23 SUB INFO  [APP] AE390-FASUB_EXIT SXF6017I S/390 FileSubscriber
exited successfully
```

Example of a Failed FileSubscriber Session

```
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-INIT_TRACE SXF5050I Copyright 2000, 2004
by TIBCO Software, Inc.
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-INIT_TRACE SXF5050I All Rights Reserved.
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-INIT_TRACE SXF5051I
************************************************************
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-INIT_TRACE SXF5052I S/390 FileSubscriber
start...
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-INIT_TRACE SXF5053I File Adapter
Subscriber - version: 4.0.8 (2004-Mar-16)
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-INIT_TRACE SXF5054I    build: Mar 16 2004
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-INIT_TRACE SXF5055I Using configuration
file: <XXXXX.TFA330.CONFIG(SUB001)>
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-INIT_TRACE SXF5305I Trace Level: 2
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-INIT_TRACE SXF5056I
************************************************************
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5186I
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5187I [===¨ OPTIONS
section:
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-LOAD_RVSPM SXF5061I <--- RV_SESSION
Summary Begin
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-LOAD_RVSPM SXF5062I Name: Test_FileSub
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-LOAD_RVSPM SXF5063I Service: 7500
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-LOAD_RVSPM SXF5064I Network:
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-LOAD_RVSPM SXF5065I Daemon:
10.105.160.141:7500
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-LOAD_RVSPM SXF5066I ----> RV_SESSION
Summary End
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-INIT_RVSES SXF5057I Initialized
TIB/Rendezvous, version 7.1.12 <Engineering Test>
2004 Mar 17 16:13:45 SUB INFO  [CFG] AE390-INIT_RVSES SXF5058I Creating RV session
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-PRS_OPT_AT SXF5170I Output Directory:
XXXXX.SUB001.TXT
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5186I
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5188I [===¨ FILE TYPE
section:
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5080I --> File Type Options
Begin: Num 0
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5081I File Prefix: SB001
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5083I File Extension:
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5084I Data Set Type: SEQ
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5085I Subject Name:
C.BLOCK_TRANSFER.FILE
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5086I Generate File Subject
Name: END.BLOCK_TRANSFER.FILE
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5087I Generate File Publish
Subject:
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5088I Generate File On
Number of Messages: 0
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5089I Publish Generate File
Message: false
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5090I Save File Interval:
120000
```

```
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5091I Auto Generate File:
false
2004 Mar 17 16:13:46 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5092I Generate File Field
Name: FileName
2004 Mar 17 16:13:47 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5093I Process Directory:
2004 Mar 17 16:13:47 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5095I Output Directory:
XXXXX.SUB001.TXT
2004 Mar 17 16:13:47 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5096I Append Date/Time:
false
2004 Mar 17 16:13:47 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5097I Append File sequence
number: false
2004 Mar 17 16:13:47 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5098I Force published
filename: false
2004 Mar 17 16:13:47 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5099I Execute Before
Process:
2004 Mar 17 16:13:47 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5100I Execute After
Process:
2004 Mar 17 16:13:47 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5101I Block Transfer Mode:
true
2004 Mar 17 16:13:47 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5102I Block Transfer Size:
65536
2004 Mar 17 16:13:47 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5103I Use Explicit
Confirmation: false
2004 Mar 17 16:13:47 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5104I Confirmation Subject:
2004 Mar 17 16:13:47 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5109I Is Certified: false
2004 Mar 17 16:13:48 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5110I Binary output file:
false
2004 Mar 17 16:13:48 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5111I Use Fixed Record
File: true
2004 Mar 17 16:13:48 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5113I lineLength: 80
2004 Mar 17 16:13:48 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5115I Primary Space
Allocation: 2
2004 Mar 17 16:13:48 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5116I Secondary Space
Allocation: 1
2004 Mar 17 16:13:48 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5118I Append To An Existing
File: true
2004 Mar 17 16:13:48 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5119I Exit On File Save
Error: false
2004 Mar 17 16:13:48 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5120I Max no of retry
times: 0
2004 Mar 17 16:13:48 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5121I Retry Interval: 0
2004 Mar 17 16:13:48 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5142I Delimiter:
2004 Mar 17 16:13:48 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5143I Pad Character: ' '
2004 Mar 17 16:13:48 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5144I Pad Direction: right
2004 Mar 17 16:13:49 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5145I Skip Padding: false
2004 Mar 17 16:13:49 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5146I File Header:
2004 Mar 17 16:13:49 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5147I File Trailer:
2004 Mar 17 16:13:49 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5153I <-- File Type Options
End: Num 0
2004 Mar 17 16:13:49 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5186I
2004 Mar 17 16:13:49 SUB ERROR [CFG] AE390-PRS_CFG_FL SXF5287E Missing ADAPTER_NAME
definition
fatal error, exiting app...
2004 Mar 17 16:13:49 SUB INFO  [APP] AE390-FASUB_EXIT SXF6018I S/390 FileSubscriber
exited with errors
```

Example of a Successful FilePublisher EMS Session

```
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-INIT_TRACE SXF0050I Copyright 2000, 2004
by TIBCO Software, Inc.
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-INIT_TRACE SXF0050I All Rights Reserved.
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-INIT_TRACE SXF0051I
************************************************************
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-INIT_TRACE SXF0052I TIBCO Adapter for
Files z/OS (MVS) start...
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-INIT_TRACE SXF0053I File Adapter
Publisher - version: 4.3.0 (2005-Aug-10)  GA
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-INIT_TRACE SXF0054I    build: Aug 11 2005
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-INIT_TRACE SXF0055I Using configuration
file: <KISHORE.TFA330.CONFIG(EMSP002)>
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-INIT_TRACE SXF0355I Using trace file:
<KISHORE.TEST.LOG>     Size=250750705
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-INIT_TRACE SXF0341I Trace Level: 2
TZ=-NOT SET-
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-INIT_TRACE SXF0056I
************************************************************
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0179I [===] OPTIONS
section:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_EMS_PRM SXF0356I <--- EMS_SESSION
Summary Begin
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_EMS_PRM SXF0357I Name:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_EMS_PRM SXF0358I ProviderURL:
tcp://kishore-dt.na.tibco.com:7222
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_EMS_PRM SXF0359I User:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_EMS_PRM SXF0359I User:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_EMS_PRM SXF0360I ----> EMS_SESSION
Summary End
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-PRS_OPT_AT SXF0160I Input Directory:
KISHORE.FT11.INPDS
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-PRS_OPT_AT SXF0161I Process Directory:
KISHORE.FT11.PRSPDS
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-PRS_OPT_AT SXF0170I Error
Subject/Destination: ERROR.PUB003
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-PRS_OPT_AT SXF0162I Output Directory:
KISHORE.FT11.OUTPDS
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-PRS_OPT_AT SXF0163I Adapter Name: PUB003
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-PRS_OPT_AT SXF0168I Max Concurrent Jobs:
1
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-PRS_OPT_AT SXF0352I EPM
Subject/Destination Name: <A.EMSP001>
DEBUG::In the INIT_EMSSS
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-INIT_EMSSS SXF0058I Creating EMS session.
Hostcodepage=  Networkcodepage=
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0181I [===] FILE TYPE
section:
not a valid value for msg trace.Valid values are 'null' or 'body'ignoring the
property JMS_TIBCO_MSG_TRACE
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0080I --> File Type Options
Begin: Num 0
```

```
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0081I File Prefix: FT11
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0083I File Extension:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0084I Data Set Type: PDS
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0085I Use File Polling:
false
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0086I Poll Interval
(milli-seconds): 30000
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0087I Subject/Destination
Name: A.FT11
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0088I Start Publish
Subject/Destination: A.FT11.END
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0089I End Publish
Subject/Destination:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0090I Trigger
Subject/Destination Name: PUB003.TRIG.FT11
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0091I Trigger Field Name:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0093I Input Directory:
KISHORE.FT11.INPDS
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0094I Process Directory:
KISHORE.FT11.PRSPDS
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0095I Output Directory:
KISHORE.FT11.OUTPDS
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0096I Publish Start
Message: true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0097I Publish End Message:
true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0098I Execute Before
Process:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0099I Execute After
Process:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0100I Remove After Process:
runJCL
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0101I Messages Per
Transaction: 5
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0102I Transaction Delay
(milli-seconds): 1000
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0103I Block Transfer Mode:
false
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0104I Block Transfer Size:
65536
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0105I Use Explicit
Confirmation: false
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0106I Flex-mode ECM: false
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0112I Retransmission Delay
Tick Count: 10
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0113I No Wait After
Confirmations: true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0114I Is Certified: false
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0115I RVCM Time Limit: 60
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0116I Binary input file:
false
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0118I lineLength: 80
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0135I Delimiter: |
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0136I Start At Line: 1
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0137I Use Field Width:
false
```

```
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0138I Remove Leading
Blanks: false
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0139I Remove Trailing
Blanks: true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0140I Use Sequential Temp
Files: true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0141I Default (Polling)
User ID:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0146I <-- File Type Options
End: Num 0
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0158I ---> Message Fields
Begin:   0 [0]
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label1, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 1 - Label:
Label2, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 2 - Label:
Label3, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 3 - Label:
Label4, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label5, Type: STRING, Value: 04, Multiple: true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 5 - Label:
Label6, Type: FLOAT, Value: , Multiple: true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
TimeStamp, Type: TIME, Value: TimeStamp, Multiple: true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0159I <--- Message Fields
End:   0 [0]
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0181I [===] FILE TYPE
section:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0080I --> File Type Options
Begin: Num 1
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0081I File Prefix: FT21
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0083I File Extension:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0084I Data Set Type: PDS
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0085I Use File Polling:
false
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0086I Poll Interval
(milli-seconds): 20000
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0087I Subject/Destination
Name: A.FT21
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0088I Start Publish
Subject/Destination: A.FT21.END
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0089I End Publish
Subject/Destination:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0090I Trigger
Subject/Destination Name: PUB003.TRIG.FT21
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0091I Trigger Field Name:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0093I Input Directory:
KISHORE.FT11.INPDS
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0094I Process Directory:
KISHORE.FT11.PRSPDS
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0095I Output Directory:
KISHORE.FT11.OUTPDS
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0096I Publish Start
Message: true
```

```
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0097I Publish End Message:
true
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0098I Execute Before
Process:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0099I Execute After
Process:
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0100I Remove After Process:
runJCL
2005 Aug 11 11:34:11 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0101I Messages Per
Transaction: 5
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0102I Transaction Delay
(milli-seconds): 1000
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0103I Block Transfer Mode:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0104I Block Transfer Size:
65536
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0105I Use Explicit
Confirmation: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0106I Flex-mode ECM: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0112I Retransmission Delay
Tick Count: 10
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0113I No Wait After
Confirmations: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0114I Is Certified: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0115I RVCM Time Limit: 60
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0116I Binary input file:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0118I lineLength: 80
2005 Aug 11 11:34:12 PBL WARN  [CFG] AE390-LOAD_FLOPT SXF0192W <Delimiter> can not
be used when useFieldWidth is true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0136I Start At Line: 1
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0137I Use Field Width: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0138I Remove Leading
Blanks: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0139I Remove Trailing
Blanks: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0140I Use Sequential Temp
Files: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0141I Default (Polling)
User ID:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0146I <-- File Type Options
End: Num 1
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0158I ---> Message Fields
Begin:   1 [0]
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0151I Item: 0 - Label:
Label1, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0153I       Position 0,
Length: 11
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0151I Item: 1 - Label:
Label2, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0153I       Position 11,
Length: 19
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0151I Item: 2 - Label:
Label3, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0153I       Position 30,
Length: 15
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2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0151I Item: 3 - Label:
Label4, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0153I       Position 45,
Length: 14
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0151I Item: 0 - Label:
Label5, Type: STRING, Value: 01, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0153I       Position 0,
Length: 2
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0151I Item: 4 - Label:
Label6, Type: FLOAT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0153I       Position 61,
Length: 10
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0151I Item: 5 - Label:
Label8, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0153I       Position 73,
Length: 922
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0151I Item: 0 - Label:
TimeStamp, Type: TIME, Value: TimeStamp, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0153I       Position 0,
Length: 9
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0159I <--- Message Fields
End:   1 [0]
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0181I [===] FILE TYPE
section:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0080I --> File Type Options
Begin: Num 2
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0081I File Prefix: FT31
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0083I File Extension:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0084I Data Set Type: PDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0085I Use File Polling:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0086I Poll Interval
(milli-seconds): 0
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0087I Subject/Destination
Name: A.FT31
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0088I Start Publish
Subject/Destination: A.FT31.END
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0089I End Publish
Subject/Destination:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0090I Trigger
Subject/Destination Name: PUB003.TRIG.FT31
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0091I Trigger Field Name:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0093I Input Directory:
KISHORE.FT31.INPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0094I Process Directory:
KISHORE.FT31.PRSPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0095I Output Directory:
KISHORE.FT31.OUTPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0096I Publish Start
Message: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0097I Publish End Message:
true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0098I Execute Before
Process:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0099I Execute After
Process:
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2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0100I Remove After Process:
runJCL
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0101I Messages Per
Transaction: 5
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0102I Transaction Delay
(milli-seconds): 1000
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0103I Block Transfer Mode:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0104I Block Transfer Size:
65536
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0105I Use Explicit
Confirmation: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0106I Flex-mode ECM: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0112I Retransmission Delay
Tick Count: 10
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0113I No Wait After
Confirmations: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0114I Is Certified: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0115I RVCM Time Limit: 60
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0116I Binary input file:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0118I lineLength: 80
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0135I Delimiter: |
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0136I Start At Line: 1
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0137I Use Field Width:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0138I Remove Leading
Blanks: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0139I Remove Trailing
Blanks: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0140I Use Sequential Temp
Files: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0141I Default (Polling)
User ID:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0146I <-- File Type Options
End: Num 2
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0158I ---> Message Fields
Begin:   2 [0]
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label1, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 1 - Label:
Label2, Type: INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 2 - Label:
Label3, Type: UNSIGNED INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 3 - Label:
Label4, Type:SHORT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 4 - Label:
Label5, Type: UNSIGNED SHORT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 5 - Label:
Label6, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 6 - Label:
Label7, Type: FLOAT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 7 - Label:
Label8, Type: DOUBLE, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 8 - Label:
Label9, Type: BOOLEAN, Value: , Multiple: true
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2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 9 - Label:
Label10, Type: TIME, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 10 - Label:
Label11, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label12, Type: TIME, Value: 01:10:11, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label13, Type: BOOLEAN, Value: false, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label14, Type: DOUBLE, Value: 32.222, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label15, Type: FLOAT, Value: +1212.221, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label16, Type: SHORT, Value: +12, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label17, Type: UNSIGNED SHORT, Value: 221, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label18, Type: INTEGER, Value: +01, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label19, Type: UNSIGNED INTEGER, Value: 01, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0159I <--- Message Fields
End:   2 [0]
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0181I [===] FILE TYPE
section:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0080I --> File Type Options
Begin: Num 3
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0081I File Prefix: FT41
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0083I File Extension:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0084I Data Set Type: PDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0085I Use File Polling:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0086I Poll Interval
(milli-seconds): 0
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0087I Subject/Destination
Name: A.FT41
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0088I Start Publish
Subject/Destination: A.FT41.END
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0089I End Publish
Subject/Destination:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0090I Trigger
Subject/Destination Name: PUB003.TRIG.FT41
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0091I Trigger Field Name:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0093I Input Directory:
KISHORE.FT11.INPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0094I Process Directory:
KISHORE.FT11.PRSPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0095I Output Directory:
KISHORE.FT11.OUTPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0096I Publish Start
Message: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0097I Publish End Message:
true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0098I Execute Before
Process:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0099I Execute After
Process:
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2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0100I Remove After Process:
runJCL
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0101I Messages Per
Transaction: 50
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0102I Transaction Delay
(milli-seconds): 1000
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0103I Block Transfer Mode:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0104I Block Transfer Size:
65536
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0105I Use Explicit
Confirmation: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0106I Flex-mode ECM: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0112I Retransmission Delay
Tick Count: 10
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0113I No Wait After
Confirmations: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0114I Is Certified: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0115I RVCM Time Limit: 60
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0116I Binary input file:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0118I lineLength: 80
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0135I Delimiter: |
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0136I Start At Line: 1
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0137I Use Field Width:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0138I Remove Leading
Blanks: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0139I Remove Trailing
Blanks: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0140I Use Sequential Temp
Files: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0141I Default (Polling)
User ID:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0146I <-- File Type Options
End: Num 3
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0158I ---> Message Fields
Begin:   3 [0]
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label1, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 1 - Label:
Label2, Type: INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 2 - Label:
Label3, Type: UNSIGNED INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 3 - Label:
Label4, Type: SHORT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 4 - Label:
Label5, Type: UNSIGNED SHORT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 5 - Label:
Label6, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 6 - Label:
Label7, Type: FLOAT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 7 - Label:
Label8, Type: DOUBLE, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 8 - Label:
Label9, Type: BOOLEAN, Value: , Multiple: true
```

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2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 9 - Label:
Label10, Type: TIME, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 10 - Label:
Label11, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label12, Type: TIME, Value: 01:10:11, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label13, Type: BOOLEAN, Value: false, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label14, Type: DOUBLE, Value: 32.222, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label15, Type: FLOAT, Value: +1212.221, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label16, Type: SHORT, Value: +12, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label17, Type: UNSIGNED SHORT, Value: 221, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label18, Type: INTEGER, Value: +01, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label19, Type: UNSIGNED INTEGER, Value: 01, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0159I <--- Message Fields
End:   3 [0]
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0181I [===] FILE TYPE
section:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0080I --> File Type Options
Begin: Num 4
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0081I File Prefix: FT51
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0083I File Extension:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0084I Data Set Type: PDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0085I Use File Polling:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0086I Poll Interval
(milli-seconds): 0
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0087I Subject/Destination
Name: A.FT51
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0088I Start Publish
Subject/Destination:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0089I End Publish
Subject/Destination:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0090I Trigger
Subject/Destination Name: PUB003.TRIG.FT51
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0091I Trigger Field Name:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0093I Input Directory:
KISHORE.FT11.INPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0094I Process Directory:
KISHORE.FT11.PRSPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0095I Output Directory:
KISHORE.FT11.OUTPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0096I Publish Start
Message: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0097I Publish End Message:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0098I Execute Before
Process:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0099I Execute After
Process:
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2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0100I Remove After Process:
runJCL
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0101I Messages Per
Transaction: 50
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0102I Transaction Delay
(milli-seconds): 1000
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0103I Block Transfer Mode:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0104I Block Transfer Size:
65536
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0105I Use Explicit
Confirmation: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0106I Flex-mode ECM: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0112I Retransmission Delay
Tick Count: 10
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0113I No Wait After
Confirmations: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0114I Is Certified: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0115I RVCM Time Limit: 60
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0116I Binary input file:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0118I lineLength: 80
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0135I Delimiter: |
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0136I Start At Line: 1
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0137I Use Field Width:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0138I Remove Leading
Blanks: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0139I Remove Trailing
Blanks: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0140I Use Sequential Temp
Files: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0141I Default (Polling)
User ID:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0146I <-- File Type Options
End: Num 4
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0158I ---> Message Fields
Begin:   4 [0]
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label1, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 1 - Label:
Label2, Type: INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 2 - Label:
Label3, Type: UNSIGNED INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 3 - Label:
Label4, Type: SHORT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 4 - Label:
Label5, Type: UNSIGNED SHORT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 5 - Label:
Label6, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 6 - Label:
Label7, Type: FLOAT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 7 - Label:
Label8, Type: DOUBLE, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 8 - Label:
Label9, Type: BOOLEAN, Value: , Multiple: true
```

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2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 9 - Label:
Label10, Type: TIME, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 10 - Label:
Label11, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label12, Type: TIME, Value: 01:10:11, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label13, Type: BOOLEAN, Value: false, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label14, Type: DOUBLE, Value: 32.222, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label15, Type: FLOAT, Value: +1212.221, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label16, Type: SHORT, Value: +12, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label17, Type: UNSIGNED SHORT, Value: 221, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label18, Type: INTEGER, Value: +01, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label19, Type: UNSIGNED INTEGER, Value: 01, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0159I <--- Message Fields
End:   4 [0]
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0181I [===] FILE TYPE
section:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0080I --> File Type Options
Begin: Num 5
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0081I File Prefix: FT61
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0083I File Extension:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0084I Data Set Type: PDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0085I Use File Polling:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0086I Poll Interval
(milli-seconds): 0
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0087I Subject/Destination
Name: A.FT61
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0088I Start Publish
Subject/Destination:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0089I End Publish
Subject/Destination:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0090I Trigger
Subject/Destination Name: PUB003.TRIG.FT61
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0091I Trigger Field Name:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0093I Input Directory:
KISHORE.FT11.INPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0094I Process Directory:
KISHORE.FT11.PRSPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0095I Output Directory:
KISHORE.FT11.OUTPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0096I Publish Start
Message: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0097I Publish End Message:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0098I Execute Before
Process:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0099I Execute After
Process:
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2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0100I Remove After Process:
runJCL
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0101I Messages Per
Transaction: 50
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0102I Transaction Delay
(milli-seconds): 1000
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0103I Block Transfer Mode:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0104I Block Transfer Size:
65536
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0105I Use Explicit
Confirmation: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0106I Flex-mode ECM: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0112I Retransmission Delay
Tick Count: 10
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0113I No Wait After
Confirmations: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0114I Is Certified: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0115I RVCM Time Limit: 60
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0116I Binary input file:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0118I lineLength: 80
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0135I Delimiter: |
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0136I Start At Line: 1
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0137I Use Field Width:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0138I Remove Leading
Blanks: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0139I Remove Trailing
Blanks: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0140I Use Sequential Temp
Files: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0141I Default (Polling)
User ID:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0146I <-- File Type Options
End: Num 5
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0158I ---> Message Fields
Begin:   5 [0]
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label1, Type: STRING, Value: , Multiple: true
 2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 1 - Label:
Label2, Type: INTEGER, Value: , Multiple: true
 2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 2 - Label:
Label3, Type: UNSIGNED INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 3 - Label:
Label4, Type: SHORT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 4 - Label:
Label5, Type: UNSIGNED SHORT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 5 - Label:
Label6, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 6 - Label:
Label7, Type: FLOAT, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 7 - Label:
Label8, Type: DOUBLE, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 8 - Label:
Label9, Type: BOOLEAN, Value: , Multiple: true
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2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 9 - Label:
Label10, Type: TIME, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 10 - Label:
Label11, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label12, Type: TIME, Value: 01:10:11, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label13, Type: BOOLEAN, Value: false, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label14, Type: DOUBLE, Value: 32.222, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label15, Type: FLOAT, Value: +1212.221, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label16, Type: SHORT, Value: +12, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label17, Type: UNSIGNED SHORT, Value: 221, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label18, Type: INTEGER, Value: +01, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label19, Type: UNSIGNED INTEGER, Value: 01, Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0159I <--- Message Fields
End:   5 [0]
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0181I [===] FILE TYPE
section:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0080I --> File Type Options
Begin: Num 6
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0081I File Prefix: FT71
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0083I File Extension:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0084I Data Set Type: PDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0085I Use File Polling:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0086I Poll Interval
(milli-seconds): 0
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0087I Subject/Destination
Name: A.FT71
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0088I Start Publish
Subject/Destination:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0089I End Publish
Subject/Destination:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0090I Trigger
Subject/Destination Name: PUB003.TRIG.FT71
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0091I Trigger Field Name:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0093I Input Directory:
KISHORE.FT11.INPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0094I Process Directory:
KISHORE.FT11.PRSPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0095I Output Directory:
KISHORE.FT11.OUTPDS
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0096I Publish Start
Message: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0097I Publish End Message:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0098I Execute Before
Process:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0099I Execute After
Process:
```

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2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0100I Remove After Process:
runJCL
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0101I Messages Per
Transaction: 50
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0102I Transaction Delay
(milli-seconds): 1000
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0103I Block Transfer Mode:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0104I Block Transfer Size:
65536
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0105I Use Explicit
Confirmation: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0106I Flex-mode ECM: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0112I Retransmission Delay
Tick Count: 10
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0113I No Wait After
Confirmations: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0114I Is Certified: false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0115I RVCM Time Limit: 60
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0116I Binary input file:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0118I lineLength: 80
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0135I Delimiter: |
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0136I Start At Line: 1
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0137I Use Field Width:
false
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0138I Remove Leading
Blanks: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0139I Remove Trailing
Blanks: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0140I Use Sequential Temp
Files: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0141I Default (Polling)
User ID:
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0146I <-- File Type Options
End: Num 6
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0158I ---> Message Fields
Begin:   6 [0]
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label1, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 1 - Label:
Label2, Type: INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 2 - Label:
Label3, Type: UNSIGNED INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:12 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 3 - Label:
Label4, Type: SHORT, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 4 - Label:
Label5, Type: UNSIGNED SHORT, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 5 - Label:
Label6, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 6 - Label:
Label7, Type: FLOAT, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 7 - Label:
Label8, Type: DOUBLE, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 8 - Label:
Label9, Type: BOOLEAN, Value: , Multiple: true
```

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2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 9 - Label:
Label10, Type: TIME, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 10 - Label:
Label11, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label12, Type: TIME, Value: 01:10:11, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label13, Type: BOOLEAN, Value: false, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label14, Type: DOUBLE, Value: 32.222, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label15, Type: FLOAT, Value: +1212.221, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label16, Type: SHORT, Value: +12, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label17, Type: UNSIGNED SHORT, Value: 221, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label18, Type: INTEGER, Value: +01, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label19, Type: UNSIGNED INTEGER, Value: 01, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0159I <--- Message Fields
End:   6 [0]
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0181I [===] FILE TYPE
section:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0080I --> File Type Options
Begin: Num 7
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0081I File Prefix: FT81
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0083I File Extension:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0084I Data Set Type: PDS
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0085I Use File Polling:
false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0086I Poll Interval
(milli-seconds): 0
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0087I Subject/Destination
Name: A.FT81
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0088I Start Publish
Subject/Destination:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0089I End Publish
Subject/Destination:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0090I Trigger
Subject/Destination Name: PUB003.TRIG.FT81
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0091I Trigger Field Name:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0093I Input Directory:
KISHORE.FT11.INPDS
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0094I Process Directory:
KISHORE.FT11.PRSPDS
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0095I Output Directory:
KISHORE.FT11.OUTPDS
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0096I Publish Start
Message: false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0097I Publish End Message:
false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0098I Execute Before
Process:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0099I Execute After
Process:
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2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0100I Remove After Process:
runJCL
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0101I Messages Per
Transaction: 50
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0102I Transaction Delay
(milli-seconds): 1000
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0103I Block Transfer Mode:
false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0104I Block Transfer Size:
65536
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0105I Use Explicit
Confirmation: false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0106I Flex-mode ECM: false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0112I Retransmission Delay
Tick Count: 10
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0113I No Wait After
Confirmations: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0114I Is Certified: false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0115I RVCM Time Limit: 60
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0116I Binary input file:
false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0118I lineLength: 80
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0135I Delimiter: |
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0136I Start At Line: 1
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0137I Use Field Width:
false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0138I Remove Leading
Blanks: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0139I Remove Trailing
Blanks: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0140I Use Sequential Temp
Files: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0141I Default (Polling)
User ID:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0146I <-- File Type Options
End: Num 7
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0158I ---> Message Fields
Begin:   7 [0]
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label1, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 1 - Label:
Label2, Type: INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 2 - Label:
Label3, Type: UNSIGNED INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 3 - Label:
Label4, Type: SHORT, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 4 - Label:
Label5, Type: UNSIGNED SHORT, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 5 - Label:
Label6, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 6 - Label:
Label7, Type: FLOAT, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 7 - Label:
Label8, Type: DOUBLE, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 8 - Label:
Label9, Type: BOOLEAN, Value: , Multiple: true
```

```
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 9 - Label:
Label10, Type: TIME, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 10 - Label:
Label11, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label12, Type: TIME, Value: 01:10:11, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label13, Type: BOOLEAN, Value: false, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label14, Type: DOUBLE, Value: 32.222, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label15, Type: FLOAT, Value: +1212.221, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label16, Type: SHORT, Value: +12, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label17, Type: UNSIGNED SHORT, Value: 221, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label18, Type: INTEGER, Value: +01, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label19, Type: UNSIGNED INTEGER, Value: 01, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0159I <--- Message Fields
End:   7 [0]
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0181I [===] FILE TYPE
section:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0080I --> File Type Options
Begin: Num 8
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0081I File Prefix: FT91
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0083I File Extension:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0084I Data Set Type: PDS
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0085I Use File Polling:
false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0086I Poll Interval
(milli-seconds): 0
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0087I Subject/Destination
Name: A.FT91
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0088I Start Publish
Subject/Destination:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0089I End Publish
Subject/Destination:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0090I Trigger
Subject/Destination Name: PUB003.TRIG.FT91
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0091I Trigger Field Name:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0093I Input Directory:
KISHORE.FT11.INPDS
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0094I Process Directory:
KISHORE.FT11.PRSPDS
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0095I Output Directory:
KISHORE.FT11.OUTPDS
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0096I Publish Start
Message: false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0097I Publish End Message:
false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0098I Execute Before
Process:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0099I Execute After
Process:
```

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2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0100I Remove After Process:
runJCL
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0101I Messages Per
Transaction: 50
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0102I Transaction Delay
(milli-seconds): 1000
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0103I Block Transfer Mode:
false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0104I Block Transfer Size:
65536
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0105I Use Explicit
Confirmation: false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0106I Flex-mode ECM: false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0112I Retransmission Delay
Tick Count: 10
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0113I No Wait After
Confirmations: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0114I Is Certified: false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0115I RVCM Time Limit: 60
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0116I Binary input file:
false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0118I lineLength: 80
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0135I Delimiter: |
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0136I Start At Line: 1
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0137I Use Field Width:
false
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0138I Remove Leading
Blanks: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0139I Remove Trailing
Blanks: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0140I Use Sequential Temp
Files: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0141I Default (Polling)
User ID:
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOAD_FLOPT SXF0146I <-- File Type Options
End: Num 8
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0158I ---> Message Fields
Begin:   8 [0]
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label1, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 1 - Label:
Label2, Type: INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 2 - Label:
Label3, Type: UNSIGNED INTEGER, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 3 - Label:
Label4, Type: SHORT, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 4 - Label:
Label5, Type: UNSIGNED SHORT, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 5 - Label:
Label6, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 6 - Label:
Label7, Type: FLOAT, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 7 - Label:
Label8, Type: DOUBLE, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 8 - Label:
Label9, Type: BOOLEAN, Value: , Multiple: true
```

```
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 9 - Label:
Label10, Type: TIME, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 10 - Label:
Label11, Type: STRING, Value: , Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label12, Type: TIME, Value: 01:10:11, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label13, Type: BOOLEAN, Value: false, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label14, Type: DOUBLE, Value: 32.222, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label15, Type: FLOAT, Value: +1212.221, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label16, Type: SHORT, Value: +12, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label17, Type: UNSIGNED SHORT, Value: 221, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label18, Type: INTEGER, Value: +01, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LD_MSG_IPM SXF0154I Item: 0 - Label:
Label19, Type: UNSIGNED INTEGER, Value: 01, Multiple: true
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-LOD_MSG_FP SXF0159I <--- Message Fields
End:   8 [0]
2005 Aug 11 11:34:13 PBL INFO  [CFG] AE390-PRS_CFG_FL SXF0180I
2005 Aug 11 11:34:13 PBL INFO  [APP] AE390-COMP_Q_FILE SXF1000I Job Queue File:
<//'KISHORE.FT11.PRSPDS.fpqueue'>
2005 Aug 11 11:34:13 PBL INFO  [APP] AE390-FAPUB_MAIN SXF1519I Setting up terminate
adapter Subject/Destination <_FILEADAPTER.PUB003
.TERMINATE>
2005 Aug 11 11:34:13 PBL INFO  [APP] AE390-INT_FL_PLR SXF1035I <FT11,> no poll timer
created. Trigger start assumed.
2005 Aug 11 11:34:14 PBL INFO  [APP] AE390-SET_TRG_LSTNR SXF1042I <FT11,> Create
Listener using trigger Subject/Destination: <PUB003
.TRIG.FT11>
2005 Aug 11 11:34:14 PBL INFO  [APP] AE390-INT_FL_PLR SXF1035I <FT21,> no poll timer
created. Trigger start assumed.
2005 Aug 11 11:34:14 PBL INFO  [APP] AE390-SET_TRG_LSTNR SXF1042I <FT21,> Create
Listener using trigger Subject/Destination: <PUB003
.TRIG.FT21>
2005 Aug 11 11:34:14 PBL INFO  [APP] AE390-INT_FL_PLR SXF1035I <FT31,> no poll timer
created. Trigger start assumed.
2005 Aug 11 11:34:15 PBL INFO  [APP] AE390-SET_TRG_LSTNR SXF1042I <FT31,> Create
Listener using trigger Subject/Destination: <PUB003
.TRIG.FT31>
2005 Aug 11 11:34:15 PBL INFO  [APP] AE390-INT_FL_PLR SXF1035I <FT41,> no poll timer
created. Trigger start assumed.
```

Example of a Successful FileSubscriber EMS Session

```
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-INIT_TRACE SXF5050I Copyright 2000, 2005
by TIBCO Software, Inc.
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-INIT_TRACE SXF5050I All Rights Reserved.
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-INIT_TRACE SXF5051I
************************************************************
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-INIT_TRACE SXF5052I TIBCO Adapter for
Files z/OS (MVS) start...
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-INIT_TRACE SXF5053I File Adapter
Subscriber - version: 4.3.0 (2005-August-10)  GA
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-INIT_TRACE SXF5054I    build: Aug 11 2005
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-INIT_TRACE SXF5055I Using configuration
file: <KISHORE.TFA330.CONFIG(EMSS002)>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-INIT_TRACE SXF5322I Using trace file:
<KISHORE.SUB.EMSS001.LOG>     Size=100000
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-INIT_TRACE SXF5305I Trace Level: 5
TZ=-NOT SET-
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-INIT_TRACE SXF5056I
************************************************************
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5186I
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5187I [===] OPTIONS
section:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_EMS_PRM SXF0356I <--- EMS_SESSION
Summary Begin
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_EMS_PRM SXF0357I Name:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_EMS_PRM SXF0358I ProviderURL:
tcp://kishore-dt.na.tibco.com:7222
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_EMS_PRM SXF0359I User:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_EMS_PRM SXF0360I ----> EMS_SESSION
Summary End
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_OPT_AT SXF5171I Adapter Name: SUB003
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_OPT_AT SXF5308I PRG files HLQ Dataset
Name: <KISHORE.PRSPDS>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_OPT_AT SXF5170I Output Directory:
KISHORE.OUTPDS
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_OPT_AT SXF5171I Adapter Name: SUB003
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_OPT_AT SXF5174I Publish Heartbeat:
true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_OPT_AT SXF5175I Heartbeat Time
Interval (milli-seconds): 60000
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_OPT_AT SXF5321I EPM
Subject/Destination Name: <A.EMSS001>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_OPT_AT SXF5177I Error
Subject/Destination: ERROR.SUB003
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-INIT_EMSSS SXF0058I Creating EMS session.
Hostcodepage=  Networkcodepage=
Started the EMS connection successfully
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5186I
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5188I [===] FILE TYPE
section:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5080I --> File Type Options
Begin: Num 0
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5081I File Prefix: FT11
```

```
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5083I File Extension:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5084I Data Set Type: SEQ
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5085I Subject/Destination
Name: A.FT11
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5086I Generate File
Subject/Destination Name: GEN.FILE
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5087I Generate File Publish
Subject/Destination: B.SUB003.FT11.END
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5088I Generate File On
Number of Messages: 6
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5089I Publish Generate File
Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5090I Save File Interval
(milli-seconds): 120000
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5091I Auto Generate File:
false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5092I Generate File Field
Name: FileName
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5093I Process Directory:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5095I Output Directory:
KISHORE.SUB003.TXT
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5096I Append Date/Time:
true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5097I Append File sequence
number: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5098I Force published
filename: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5099I Execute Before
Process:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5100I Execute After
Process:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5324I EMS Connection
Factory : TOPIC
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5101I Block Transfer Mode:
false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5102I Block Transfer Size:
65536
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5103I Use Explicit
Confirmation: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5104I Confirmation
Subject/Destination:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5109I Is Certified: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5110I Binary output file:
false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5111I Use Fixed Record
File: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5113I lineLength: 80
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5115I Primary Space
Allocation: 2
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5116I Secondary Space
Allocation: 1
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5118I Append To An Existing
File: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5119I Exit On File Save
Error: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5120I Max number of retries
for a locked Target file: 0
```

```
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5121I Retry Interval
(seconds): 0
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5142I Delimiter: |
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5143I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5144I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5145I Skip Padding: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5146I File Header: #
[%4,NUMBER_OF_RECORDS%] %%This is a file header [%14,DATE_TIME%]
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5147I File Trailer: #
[%4,NUMBER_OF_RECORDS%] %%This is a file trailer [%14,DATE_TIME%]
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5153I <-- File Type Options
End: Num 0
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5154I -----> Begin Line
Fields: 0 [0]
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
0
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: Label1
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 1
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: STRING
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label1>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 0
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
1
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label2
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 11
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: STRING
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label2>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 1
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
2
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label3
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 21
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: STRING
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label3>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 2
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
3
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label4
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 31
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
```

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2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: STRING
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label4>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 3
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
4
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label5
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 41
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 2
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: STRING
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label5>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 4
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
5
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label6
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 43
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: FLOAT
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label6>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 5
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
6
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description:
TimeStamp
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 53
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 24
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: TIME
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <TimeStamp>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 6
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5168I <----- Line Fields: 0
[0]
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5186I
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5188I [===] FILE TYPE
section:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5080I --> File Type Options
Begin: Num 1
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5081I File Prefix: FT21
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5083I File Extension:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5084I Data Set Type: SEQ
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5085I Subject/Destination
Name: A.FT21
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5087I Generate File Publish
Subject/Destination: B.SUB003.FT21.END
```

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2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5088I Generate File On
Number of Messages: 10
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5089I Publish Generate File
Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5090I Save File Interval
(milli-seconds): 120000
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5091I Auto Generate File:
false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5092I Generate File Field
Name: FileName
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5093I Process Directory:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5095I Output Directory:
KISHORE.SUB003.TXT
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5096I Append Date/Time:
false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5097I Append File sequence
number: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5098I Force published
filename: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5099I Execute Before
Process:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5100I Execute After
Process:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5324I EMS Connection
Factory : TOPIC
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5101I Block Transfer Mode:
false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5102I Block Transfer Size:
65536
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5103I Use Explicit
Confirmation: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5104I Confirmation
Subject/Destination:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5109I Is Certified: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5110I Binary output file:
false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5111I Use Fixed Record
File: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5113I lineLength: 200
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5115I Primary Space
Allocation: 6
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5116I Secondary Space
Allocation: 8
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5118I Append To An Existing
File: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5119I Exit On File Save
Error: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5120I Max number of retries
for a locked Target file: 0
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5121I Retry Interval
(seconds): 0
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5142I Delimiter:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5143I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5144I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5145I Skip Padding: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5146I File Header: #
[%4,NUMBER_OF_RECORDS%] %%This is a file header [%14,D
```

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ATE_TIME%]
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5147I File Trailer: #
[%4,NUMBER_OF_RECORDS%] %%This is a file trailer [%14,DATE_TIME%]
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5153I <-- File Type Options
End: Num 1
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5154I -----> Begin Line
Fields: 1 [0]
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
0
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label1
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 1
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: STRING
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label1>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 0
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
1
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label2
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 11
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: STRING
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label2>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 1
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
2
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label3
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 21
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: STRING
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label3>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 2
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
3
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label4
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 31
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: STRING
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label4>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 3
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
4
```

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2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label5
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 41
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 2
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: STRING
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <01>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 4
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
5
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label6
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 43
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: FLOAT
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label6>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 5
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
6
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: Time
Stamp
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 53
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 34
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: TIME
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <TimeStamp>
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 6
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5168I <----- Line Fields: 1
[0]
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5186I
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5188I [===] FILE TYPE
section:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5080I --> File Type Options
Begin: Num 2
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5081I File Prefix: FT31
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5083I File Extension:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5084I Data Set Type: SEQ
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5085I Subject/Destination
Name: A.FT31
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5087I Generate File Publish
Subject/Destination:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5088I Generate File On
Number of Messages: 5
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5089I Publish Generate File
Message: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5090I Save File Interval
(milli-seconds): 120000
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5091I Auto Generate File:
true
```

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2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5092I Generate File Field
Name: FileName
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5093I Process Directory:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5095I Output Directory:
KISHORE.SUB003.TXT
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5096I Append Date/Time:
false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5097I Append File sequence
number: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5098I Force published
filename: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5099I Execute Before
Process:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5100I Execute After
Process:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5324I EMS Connection
Factory : TOPIC
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5101I Block Transfer Mode:
false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5102I Block Transfer Size:
65536
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5103I Use Explicit
Confirmation: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5104I Confirmation
Subject/Destination:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5109I Is Certified: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5110I Binary output file:
false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5111I Use Fixed Record
File: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5113I lineLength: 200
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5115I Primary Space
Allocation: 7
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5116I Secondary Space
Allocation: 3
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5118I Append To An Existing
File: true
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5119I Exit On File Save
Error: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5120I Max number of retries
for a locked Target file: 0
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5121I Retry Interval
(seconds): 0
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5142I Delimiter:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5143I Pad Character: ' '
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5144I Pad Direction: right
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5145I Skip Padding: false
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5146I File Header:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5147I File Trailer:
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FOPT_PR SXF5153I <-- File Type Options
End: Num 2
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5154I -----> Begin Line
Fields: 2 [0]
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
0
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label1
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
```

```
2005 Aug 11 11:42:38 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 0
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: STRING
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label1>
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 0
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
1
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label2
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 10
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: INTEGER
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label2>
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 1
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
2
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label3
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 20
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: UNSIGNED
INTEGER
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label3>
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 2
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
3
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label4
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 30
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: SHORT
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label4>
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 3
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
4
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label5
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 40
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: UNSIGNED SHORT
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label5>
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 4
```

```
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
5
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label6
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 50
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: STRING
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label6>
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 5
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
6
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label7
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 60
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 12
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: FLOAT
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label7>
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 6
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
7
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label8
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 75
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 15
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: DOUBLE
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label8>
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 7
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
8
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label9
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 93
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 4
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: BOOLEAN
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label9>
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 8
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5156I --> Begin Line Field:
9
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5157I Description: label10
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5158I From Message: true
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5160I Position: 100
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5161I Length: 10
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5162I Precision:
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5163I Type: TIME
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5164I Value: <Label10>
```

```
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5165I Pad Character: ' '
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5166I Pad Direction: right
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5167I <-- End Line Field: 9
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-LD_FLN_PRM SXF5168I <----- Line Fields: 2
[0]
2005 Aug 11 11:42:39 SUB INFO  [CFG] AE390-PRS_CFG_FL SXF5186I
2005 Aug 11 11:42:39 SUB INFO  [APP] AE390-FASUB_MAIN SXF6011I Setting up terminate
adapter Subject/Destination <_FILEADAPTER.SUB003.TERMINATE>
initFileHandler:created the session successfully
2005 Aug 11 11:42:39 SUB INFO  [APP] AE390-SET_SUBSCRS SXF7113I <A.FT11> Setting up
subscribe to Subject/Destination for FileType Prefix=FT11
initFileHandler:created the session successfully
2005 Aug 11 11:42:39 SUB INFO  [APP] AE390-SET_SUBSCRS SXF7113I <A.FT21> Setting up
subscribe to Subject/Destination for FileType Prefix=FT21
initFileHandler:created the session successfully
2005 Aug 11 11:42:39 SUB INFO  [APP] AE390-SET_SUBSCRS SXF7113I <A.FT31> Setting up
subscribe to Subject/Destination for FileType Prefix=FT31
2005 Aug 11 11:42:39 SUB INFO  [APP] AE390-FASUB_MAIN SXF1520I Setting up heartbeat
timer with Subject/Destination: _FILEADAPTER.SUB003.HEARTBEAT
2005 Aug 11 11:42:39 SUB INFO  [APP] AE390-FASUB_MAIN SXF6016I Completed
Initialization and any Recovery of Subscriber
```

Appendix C Error Messages

This appendix describes the error messages used by the Adapter.

Topics

Error Message Format

Messages that can appear in trace logs contain several repetitive preamble fields that you can ignore. These preamble fields are omitted from the messages in this appendix. For example, a complete message in a trace log is shown in this appendix as follows:

```
2004 March 5 19:24:03 PBL ERROR [CFG] SXF7145E HDL_TEXT_ERR <%s> reached...
```

Message in this appendix starts here

The Adapter produces several categories of messages. The last letter of the error number, I, E, or W, indicates the type of message.

- Informational (INFO) messages confirm that an event, task, operation, or condition is normal. No action is necessary; therefore, INFO messages are omitted from this appendix.
- Warning messages indicate that there is a problem but that processing will continue.
- Error messages indicate a problem so severe that processing cannot continue for that file type.

A `%` symbol indicates a C type substitution. For example, `%s` indicates that the error message includes a string value as a substitute for the `%s` value.

Publisher Error Messages

SXF0000 – SXF0999

Number	Message	Description
SXF0133W	VSAM RLS Share Options 3 and 4 are not supported	You specified a SHARE option that the FileAdapter does not support. Only levels 1 and 2 are supported.
SXF0192W	<Delimiter> can not be used when useFieldWidth is true	You have specified both a delimiter character and useFieldWidth=true. Use only one of the parameters for each file type.
SXF0193W	Invalid messagesPerTransaction value <%d>	The parameter was specified with an invalid value. Correct the value. Ensure that the value is greater than zero.
SXF0194W	messagesPerTransaction set to default value: <%d>	No value was specified in the configuration file for this parameter. Add this parameter if the default value is not the value you wish to be used.
SXF0195W	Not a Certified Session. Cannot pre-register listener %s for subject %s	You specified pre-registration, but the session is not a certified session. Either specify a certified session, or omit the pre-registration entries.
SXF0196W	Dataset not found: %s	The data set indicated was not found. Verify that the data set exists and is available to FilePublisher.
SXF0197W	Library not found: %s	The library indicated was not found. Verify that the data set exists and is available to FilePublisher.
SXF0198W	Directory not found: %s	The specified directory was not found. Make sure that the specified directory exists and is available.

Number	Message	Description
SXF0199E	Config parse error near line %d, failed to parse value	The format or value for a name/tag is not correct. A supplied value is incomplete; typically the value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure all values in the configuration file have matching quotes and braces, and that there are equal signs where required. Check the name/value tags in the section defined in the configuration file. Refer to the manual for the proper format.
SXF0200E	Supplied VSAM start key is longer than 255 bytes	VSAM limits keys to 255 bytes. Go re-check the length of your key, because it exceeds VSAM's maximum length
SXF0201E	Supplied VSAM end key is longer than 255 bytes	VSAM limits keys to 255 bytes. Go re-check the length of your key, because it exceeds VSAM's maximum length
SXF0202E	Supplied VSAM start key is longer than 510 nibbles	VSAM limits keys to 255 bytes (510 HEXADECIMAL nibbles). Go re-check the length of your key, because it exceeds VSAM's maximum length
SXF0203E	Supplied VSAM end Hex key is longer than 510 nibbles	VSAM limits keys to 255 bytes (510 HEXADECIMAL nibbles). Go re-check the length of your key, because it exceeds VSAM's maximum length
SXF0204E	Max record COUNT must be > 0	A Max record count of zero is invalid. It says you want zero records from the file, which is meaningless.
SXF0205E	Invalid vsamShare= option. Must be either NRI or CR	Only the VSMA NRI and CR options are supported by the File Adapter.
SXF0206E	AltIndex name too long. Max of 44 bytes	VSAM limits AltIndex names to 44 characters. Go re-check you parameter.
SXF0207E	Duplicate retransmissionDelay entry. Ignored !	The retransmissionDelay was previously specified. A duplicate entry was encountered, and will be ignored.

Number	Message	Description
SXF0208E	Invalid value set for %s	The %s contains the name of the FileAdapter parameter that has been set to an invalid value in the FileAdapter INI file.
SXF0209E	Unable to malloc memory for ECMSubscriber entry	An out of memory error was reported by MVS. Raise the Job Limits (REGION size) to provide more memory for the FileAdapter to run.
SXF0210E	Config error: ECMSubscriber defined without useExplicitConfirmation=true. ECMSubscriber ignored.	A mis-match in the configuration has been configured. Either also turn on the useExplicitConfirmation=true parameter, or eliminate the ECMSubscriber definition.
SXF0211E	Unknown/Invalid configuration parameter <%s> at line %d. Ignored	The %s contains the name of the FileAdapter parameter that has been set to an invalid value in the FileAdapter INI file, and the Line number indicates which FileType or other definition contains the parameter in error.
SXF0212E	Invalid file type: prefix more than 8 char	Names used in File type PREFIX= definitions are limited to 8 bytes in length.
SXF0213E	Unsupported data set type <%s>	The dataSetType= parameter is not set to a legal value (e.g. SEQ, GDG, PDS, VSAM)
SXF0214E	Starting RRN / RBA must be greater than 0	A VSAM RRN was to a negative value, which is invalid. A VSAM RRN must be zero of larger.
SXF0215E	Ending RRN / RBA must be greater than 0	A VSAM ending RRN must be greater than zero, otherwise no records in the file will be processed.
SXF0216E	AltIndex filenames only allowed for KSDS PATHs	VSAM only allows AltIndex names to be used if the file is defined as a KSDS dataset.
SXF0217E	Missing parameter <%s>	The %s contains the name of the FileAdapter parameter that is missing from the FileAdapter INI file.

Number	Message	Description
SXF0218E	Config ERROR: you have defined Record ECM and Block Mode ECM in the same Filetype. Config has been overriden to use Block Mode ECM.	You cannot use both Block mode and Record mode in the same FileType definition. Make the definition use one mode or the other.
SXF0219E	File cannot be defined as BINARY yet have useFieldWidth=%s	Setting a file type to BINARY is mutually exclusive with useFieldWidth=No. Change one or the other parameter.
SXF0220E	Input directory [%s] cannot be the same as the process directory.	The input directory and the process directory cannot be the same. Specify unique input and process directories.
SXF0221E	Process directory [%s] cannot be the same as the output directory.	The output directory and the process directory cannot be the same. Specify unique output and process directories.
SXF0222E	Invalid input library name: <%s>	The specified input library name is invalid. Use a valid library name. Check for invalid characters. Name length is 10 characters maximum.
SXF0223E	Invalid output library name: <%s>	The specified library name is invalid. Use a valid library name. Check for invalid characters. Name length is 10 characters maximum.
SXF0224E	Invalid process library name: <%s>	The library name specified is invalid. Use a valid library name. Check for invalid characters. Name length is 10 characters maximum.
SXF0225E	Pre-Register Sections appears before Options section near line %d	The Pre-Register section is specified in the configuration file in an invalid location. Specify the Pre-Register section after the Options section.
SXF0226E	Duplicate definition for [%s] section	The section specified appears more than once in the configuration file. Correct the configuration file.

Number	Message	Description
SXF0227E	Config parse error near line %d, invalid section name: '%s'	A section name in the configuration file is incorrect. A section name must be one of Trace, Options, Pre-Register, or FileType. Check the spelling of the section names of the configuration file. Names are case sensitive.
SXF0228E	Config parse error near line %d, failed to find ']'	In the configuration file, a section description, Trace, Options, PreRegister, or FileType, does not have a closing ']'. Check the configuration file and make sure that all section descriptions are formed correctly.
SXF0229E	Config parse error near line %d, failed to find section	In the configuration file, a section description is not one of Trace, Option, Pre-Register, or FileType. Check the configuration file, and ensure that the section descriptions are valid. Descriptions are case sensitive.
SXF0230E	Config parse error near line %d, failed to end expression	The configuration file does not have matching opening and closing '}'. Check the configuration file, and make sure that there are matching opening and closing '}'.
SXF0231E	Missing [%s] section	The configuration file is missing the specified section. You must specify the indicated section. Add the section to the configuration file.
SXF0232E	Missing [%s] section	The configuration file is missing the specified section. You must specify the indicated section. Add the section to the configuration file.
SXF0233E	Missing [%s] section	The configuration file is missing the specified section. You must specify the indicated section. Add the section to the configuration file.
SXF0234E	Missing [%s] section option: %s	The configuration file is missing the specified section option. You must specify the indicated option. Add the option to the configuration file.

Number	Message	Description
SXF0235E	Missing [%s] section option: %s	The configuration file is missing the section option specified. You must specify the indicated option. Add the option to the configuration file.
SXF0236E	Missing [%s] section option: %s	The configuration file is missing the section option specified. You must specify the indicated option. Add the option to the configuration file.
SXF0237E	Missing [%s] section option: %s	The configuration file is missing the section option specified. You must specify the indicated option. Add the option to the configuration file.
SXF0238E	Missing [%s] section option: %s	The configuration file is missing the section option specified. You must specify the indicated option. Add the option to the configuration file.
SXF0239E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF0240E	*** CSI error: moduleid=0x%X%X reason=%d retcode=%d	The FileAdapter received an un-expected error from IBM's Catalog facility. Record this error information, and report it to TIBCO technical support.
SXF0241E	FileType cannot be published. Specify Polling or Trigger.	A publishing method was not specified for this file type. Update the configuration file to provide a publishing method for this FileType.
SXF0242E	Only %d message fields options are supported	The maximum number of field options has been exceeded. Correct the configuration file.
SXF0243E	Failed to open TIBCO Rendezvous -- %s	Unable to start TIBCO Rendezvous TIBCO Rendezvous may not be active. Check with your TIBCO administrator that TIBCO Rendezvous is available.

Number	Message	Description
SXF0244E	Failed to create RV transport session: %s	Unable to create a network transport. TIBCO Rendezvous may not be active. Check with your TIBCO administrator that TIBCO Rendezvous is available.
SXF0245E	Failed to open TIB/Rendezvous RVCM -- %s	Unable to start TIBCO Rendezvous. TIBCO Rendezvous may not be active. Check with your TIBCO administrator that TIBCO Rendezvous is available.
SXF0246E	Failed to initialize RV Transport session: %s	Unable to create a network transport session. TIBCO Rendezvous may not be active. Check with your TIBCO administrator that TIBCO Rendezvous is available.
SXF0247E	Failed to initialize RVCM Transport session: %s	Unable to create a transport for certified delivery. TIBCO Rendezvous may not be active. Check with your TIBCO administrator that TIBCO Rendezvous is available.
SXF0248E	Configuration File Error near line <%d> missing ',' or '\'"	There is an error in the configuration file. Verify that the configuration file is coded properly.
SXF0249E	Found definitions for both Reliable and Certified mode	The configuration file contains definitions for both modes. The modes are exclusive. Use only one type of mode.
SXF0250E	Found definitions for both Reliable and Certified mode	The configuration file contains definitions for both modes. The modes are exclusive. Use only one type of mode.
SXF0251E	Missing tag <%s> for %s	The configuration file is missing a required parameter. The error message indicates which parameter is missing. Check the configuration file, and correct the discrepancy.
SXF0252E	Missing tag <%s> for %s	The configuration file is missing a required parameter. The error message indicates which parameter is missing. Check the configuration file, and correct the discrepancy.

Number	Message	Description
SXF0253E	Memory allocation for MaxECMSubs failed for length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF0254E	A VSAM key cannot be longer than 255 bytes. Length=%d	VSAM limits keys to 255 bytes. Go re-check the length of your key, because it exceeds VSAM's maximum length.
SXF0255E	GETMAIN failed when adding AltIndex name to Config List. Length=%d	An out of memory error was reported by MVS. Raise the Job Limits (REGION size) to provide more memory for the FileAdapter to run.
SXF0256E	Invalid file type: no prefix or extension	The File Type definition requires a prefix= entry to be supplied.
SXF0257E	File <%s> is not a VSAM file or else is not Cataloged	The File Adapter cannot find a valid entry for this file in the MVS catalog. It is either mis-spelled or has been deleted from the MVS catalog.
SXF0258E	VSAM file type: missing Key Length	Each VSAM FileType definition requires a KeyLength parameter.
SXF0259E	VSAM file type: missing Key Offset	Each VSAM FileType definition requires a KeyLength parameter.
SXF0260E	SFT and Record Mode ECM Transfers require that you specify an endPublishSubject	SFT and Record Mode ECM operation requires that a endPublishSubject= parameter be supplied in the FileType definition.
SXF0261E	Do not use both <position> and <fieldStart> tags	You used both a position and a fieldStart tag in a constraint parameter. Use only one of the tags to specify a field location.
SXF0262E	Do not use both <position> and <fieldStart> tags	You used both a position and a fieldStart tag in a constraint parameter. Use only one of the tags to specify a field location.
SXF0263E	Expecting <%s> or <%s> tag	The configuration file is missing a required position parameter. The error message indicates which parameter is missing. Check the configuration file and correct the discrepancy.

Number	Message	Description
SXF0264E	Expecting <%s> tag	The configuration file is missing a required length parameter. The error message indicates which parameter is missing. Check the configuration file and correct the discrepancy.
SXF0265E	Expecting <%s> tag	The configuration file is missing a required location parameter. The error message indicates which parameter is missing. Check the configuration file and correct the discrepancy.
SXF0266E	Invalid data type <%s> between line <%d> and line <%d>	The "type" value is invalid. Correct the "type" value entered.
SXF0267E	Config parse error between line %d and line %d, invalid precision: <%s>	The precision value is invalid. Ensure that the precision specified in the configuration file is entered correctly. The precision values must be numeric positive values, separated by a comma.
SXF0268E	Config parse error between line %d and line %d, invalid precision: <%s>	The precision value is invalid. Ensure that the precision specified in the configuration file is entered correctly. The precision values must be numeric positive values, separated by a comma.
SXF0269E	Config parse error between line %d and line, bad message token: '%s'	In the configuration file for FileSubscriber, a token is invalid in the FILE_LINE element of the FileType section. The invalid token is displayed. Correct or delete the invalid token.
SXF0270E	Binary fields require a PRECISION definition tag	The configuration file does not have a "precision" tag for this field. Edit the configuration and supply a precision value for all Packed and Zoned fields.
SXF0271E	Expecting <%s> or <%s> tag	The FileAdapter was expecting parameter or tag identified by %s in the configuration, and did not find it. Add that tag to the definition.
SXF0272E	Expecting <%s> tag	The FileAdapter was expecting parameter or tag identified by %s in the configuration, and did not find it. Add that tag to the definition.

Number	Message	Description
SXF0273E	Expecting <%s> tag	The FileAdapter was expecting parameter or tag identified by %s in the configuration, and did not find it. Add that tag to the definition.
SXF0274E	Expecting <%s> tag	The FileAdapter was expecting parameter or tag identified by %s in the configuration, and did not find it. Add that tag to the definition.
SXF0275E	Packed/Zoned/Binary/Float fields require a PRECISION definition tag	The configuration file does not have a "precision" tag for this field. Edit the configuration and supply a precision value for all Packed and Zoned fields.
SXF0276E	Packed/Binary/Zoned/Float fields require Fixed field width processing	A FileType has a field type defined that requires a "binary" file specification. Specify isBinary="true" for this file type.
SXF0277E	Packed/Binary/Zoned/Float fields can only be defined with BINARY files.	A FileType has a field type defined that requires a "binary" file specification. Specify isBinary="true" for this file type.
SXF0278E	Msg Container Memory allocation failed, length=%d	Unable to allocate memory. Report error to your TIBCO administrator
SXF0279E	Config parse error between line %d and line %d, failed to parse value for %s	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote (''), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF0280E	Config parse error between line %d and line %d, missing container name	A message container does not have a name. Check the configuration file, and make sure that all message containers have a name=" " entry. Values are case sensitive.
SXF0281E	Config parse error between line %d and line %d, bad message token: '%s'	In the configuration file for FileSubscriber, a token is invalid in the FILE_LINE element of the FileType. The invalid token is displayed. Correct or delete the invalid token.
SXF0282E	Option Attributes: Memory re-allocation failed	Unable to allocate memory. Report error to your TIBCO administrator.

Number	Message	Description
SXF0283E	RV Session Attributes: Memory allocation failed, length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF0284E	RV Session Attributes: Config parse error near line %d, failed to parse value	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF0285E	RVCM Session Attributes: Memory allocation failed, length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF0286E	RVCM Sess Attributes: Config parse error near line %d, failed to parse value	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF0287E	Config parse error near line %d, invalid option name: '%s'	One of the values in the Options section may be misspelled, or may not have the proper case. The invalid option is displayed. Check the spelling of the values in the Options section of the configuration file. Values must be in upper case
SXF0288E	Config parse error near line %d, failed to parse Options line	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF0289E	FileType Attributes: Memory re-allocation failed	Unable to allocate memory. Report error to your TIBCO administrator
SXF0290E	FileType Attributes: Memory allocation failed, length=%d	Unable to allocate memory. Report error to your TIBCO administrator

Number	Message	Description
SXF0291E	FileType Attributes: Config parse error between line %d and line %d, failed to parse value	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF0292E	MsgFields Attributes: Memory allocation failed, length=%d	Unable to allocate memory. Report error to your TIBCO administrator
SXF0293E	FileType Attributes: Config parse error between line %d and line %d, failed to parse value	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF0294E	Config parse error between line %d and line %d, invalid option name: '%s'	One of the values in the Options section may be misspelled, or may not have the proper case. The invalid option is displayed. Check the spelling of the values in the Options section of the configuration file. Values must be in upper case.
SXF0295E	Config parse error between line %d and line %d, failed to parse File Type line	In the configuration file, the Options section must have matching opening and closing '}'. Check the configuration file and make sure that the Options section has matching opening and closing '}'.
SXF0296E	Config parse error near line %d, invalid Trace option name: '%s'	One of the values in the Options section may be misspelled, or may not have the proper case. The invalid option is displayed. Check the spelling of the values in the Options section of the configuration file. Values must be in upper case.

Number	Message	Description
SXF0297E	Config parse error near line %d, failed to parse Trace line	In the configuration file, the Options section must have matching opening and closing '}'. Check the configuration file and make sure that the Options section has matching opening and closing '}'.
SXF0298E	Failed to pre-register listener %s for subject %s cause=%s	An invalid subject name was given, or there is a problem with TIBCO Rendezvous. Specify a valid subject name. If the problem continues, contact your TIBCO administrator.
SXF0299E	Expecting <%s> tag	The configuration file is missing a required parameter. The error message indicates which parameter is missing. Check the configuration file and correct the discrepancy.
SXF0300E	Expecting <%s> tag	The configuration file is missing a required parameter. The error message indicates which parameter is missing. Check the configuration file and correct the discrepancy.
SXF0301E	PreRegister Attributes: Memory re-allocation failed	Unable to allocate memory. Report error to your TIBCO administrator.
SXF0302E	Only %d Subscribers can be pre-registered	You have specified too many pre-registered subscribers. Reduce the number of pre-registered listeners. The maximum is 126.
SXF0303E	Only %d Subscribers can be pre-registered	You have specified too many pre-registered subscribers. Reduce the number of pre-registered listeners. The maximum is 126.
SXF0304E	Subscriber Attributes: Memory allocation failed, length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF0305E	Subscriber Attributes: Config parse error near line %d, failed to parse value	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.

Number	Message	Description
SXF0306E	Config parse error near line %d, invalid Subscriber option name: '%s'	One of the values in the Options section may be misspelled, or may not have the proper case. The invalid option is displayed. Check the spelling of the values in the Options section of the configuration file. Values must be in upper case.
SXF0307E	Config parse error near line %d, failed to parse options line	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF0308E	Only %d file types are supported	A maximum of 1024 file types is supported, for each File Adapter.
SXF0309E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF0310E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF0311E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF0312E	Process Dataset not found: %s	The data set indicated was not found. Verify that the data set exists and is available to FilePublisher.
SXF0313E	Output Dataset not found: %s	The data set indicated was not found. Verify that the data set exists and is available to FilePublisher.
SXF0314E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.

Number	Message	Description
SXF0315E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF0316E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF0317E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF0318E	Process Library not found: %s	The library indicated was not found. Verify that the data set exists and is available to FilePublisher.
SXF0319E	Output Library not found: %s	The library indicated was not found. Verify that the data set exists and is available to FilePublisher.
SXF0320E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF0321E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF0322E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF0323E	Process Directory not found: %s	The specified directory was not found. Make sure that the directory specified exists and is available.
SXF0324E	Output Directory not found: %s	The specified directory was not found. Make sure that the directory specified exists and is available.
SXF0325E	Missing %s definition	No Adapter name has been specified for this configuration. Correct the configuration file.

Number	Message	Description
SXF0326E	Failed to open config file: %s	Unable to open the configuration file or the configuration file was not found. Make sure that the configuration file exists, and that the Adapter can find it.
SXF0327E	Memory allocation for Max FileType failed, length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF0328E	MVS CSI problem. Incorrect file name or file not cataloged=<%.44s>	The File Adapter cannot find a valid entry for this file in the MVS catalog. It is either mis-spelled or has been deleted from the MVS catalog.
SXF0330W	endPublishSubject is not used by Block Mode ECM. Parameter ignored.	endPublishSubject is not a valid parameter to use when defining Block Mode ECM file types.
SXF0331W	Invalid value <%s> for DELETE_PUB_PRG_FILES. Parameter ignored.	The value specified for the DELETE_PUB_PRG_FILES. Is not correct. Go re-check the correct options in the manual.
SXF0333E	File <%.44s> not found. Requested by user=% on Subject/Destination %s. File publish request Rejected.	The File Adapter cannot find a valid entry for this file in the MVS catalog. It is either mis-spelled or has been deleted from the MVS catalog.
SXF0336W	Both Code Pages must be configured. Single code page config is ignored.	Normally, both HOSTCODEPAGE and NETWORKCODEPAGE should be specified when overriding the default code pages used by the File Adapter.
SXF0337W	Code Page Setup failed: reason=<%s>. Will use defaults instead.	Unable set up the requested code pages. Verify that the code page settings are valid for your system and that TIBCO Rendezvous is active. Check with your TIBCO administrator.
SXF0339E	Location value (%d) exceeds max allowed (%d), near line %d	The location= attribute tag exceeded the maximum field offset allowed in a record. Check the configuration file, and correct the discrepancy.

Number	Message	Description
SXF0340E	Total number of message item/container definitions (%d) exceeds max number of items allowed (%d), near line %d	The maximum number of message definitions for a given FileType has been exceeded. Correct the configuration file.
SXF0342E	Missing Block Mode ECM Subscriber defs. FileType definition ignored	Block Mode ECM file type definitions require a EcmSubscriber definition. The Block mode definition is incorrect, because it lacks any EcmSubscriber definitions.
SXF0343E	Missing Record Mode ECM confirmationSubject/endPublish Subject or TotalCount defs.	Record Mode ECM file type definitions require a confirmationSubject and a Total count. Supply those parameters.
SXF0344E	Missing useExplicitConfirmation defs when using %s. FileType definition ignored	A config mismatch has been detected. When using the parameter identified by %s, a useExplicitConfirmation must also be used.
SXF0345E	Config error near line %d ic=%d:\n contents=%s	A configuration error was detected in the INI file near the line specified. The %s contains the reason for the error.
SXF0346E	Config error near line %d. Reading till next section is encountered	A configuration error was detected in the INI file near the line specified. The File Adapter will skip to the next section, because the current definition has too many severe config errors.
SXF0361E	EMS Session Attributes: Memory allocation failed, length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF0362E	EMS Session Attributes: Config parse error near line %d, failed to parsevalue	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote (''), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required
SXF0363E	Failed to create connection to the server. Reason :%s, exiting...	RV or EMS was unable to create the connection needed to communicate. The %s identifies the error it encountered.

Number	Message	Description
SXF0364E	Failed to create EMS session. Reason :%s, exiting...	Unable to create EMS session. The %s identifies the error it encountered.
SXF0381E	EMS protocol is not allowed with ECM.	The EMS protocol is not allowed with ECM.
SXF0383E	Keyword %s is not allowed with %s protocol.	The specified keyword is not allowed with the specified protocol.
SXF0385E	EMS acknowledgement %s not allowed; changed to %s.	The specified EMS acknowledgement is not allowed. It has been changed to the value reported.
SXF0387E	EMS acknowledgement %s is invalid.	The specified EMS acknowledgement is not valid.
SXF0389E	TOPIC required for EMS durable subscriber %s.	The EMS durable subscriber requires a destination type of TOPIC.
SXF0390W	startNewMessage set to default value: <true>	For EMS, a startNewMessage value of <false> is not allowed. It has been set to the only allowed value <true>.

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Number	Message	Description
SXF1011E	Failed to unsubscribe for trigger Subject/Destination <%s>: reason=%s	The Adapter was being shut down, and it encountered an error when trying to disconnect. The %s identifies the error it encountered.
SXF1013E	Failed to unsubscribe for trigger Subject/Destination <%s>: reason=%s	The Adapter was being shut down, and it encountered an error when trying to disconnect. The %s identifies the error it encountered.
SXF1031E	Invalid Publish Request for file <%s>: startKey > endKey. Request rejected.	A Trigger request was received that contained an invalid startKey/endKey combination. Fix the mis-match and re-submit the trigger request.

Number	Message	Description
SXF1045E	Failed to append %s to Job Queue file - storing in memory only	Unable to append an incoming Trigger request to the on-disk job queue file. Check the configuration file to ensure a valid job queue filename was set up, and check any associated MVS error messages to see if a B37 (out of space) or security access error occurred when trying to update the file.
SXF1046E	Subject/Destination name %s does not match file type %d	A trigger was received for a file type that does not support the requested subject (or EMS) destination.
SXF1047E	Failed to update Job Queue file - storing in memory only	Unable to update a completed request in the on-disk Job Queue file. Check the configuration file to ensure a valid Job Queue filename was setup, and check any associated MVS error messages to see if a B37 (out of space) error occurred when trying to update the file.
SXF1048E	Failed to process trigger for Subscriber %s, using fieldnames=%s and %s error message: %s	A trigger message was received that did not have the minimum required parameters (e.g. a field name of "DATA" or "fileName", or a user-defined "Trigger" file name). FileAdapter is unable to process the message. Fix the application that is sending the trigger message to include the required field.
SXF1049E	No ALTINDEX name matches Trigger filename=<%s> on Subscriber=<%s>	FilePublisher received a trigger message, but was unable to process it because the specified parameter was invalid. Check that the input value for the parameter is correct, check that TIBCO Rendezvous is available, and re-submit the trigger message.
SXF1050E	MAXRECORDS field %s on trigger message to %s is an invalid number. Rejected	FilePublisher received a trigger message, but was unable to process it because the specified parameter was invalid. Check that the input value for the parameter is correct, check that TIBCO Rendezvous is available, and re-submit the trigger message.

Number	Message	Description
SXF1051E	STARTKEY field <%s> on trigger message to %s is an invalid RBA/RRN. Rejected	FilePublisher received a trigger message, but was unable to process it because the specified parameter was invalid. Check that the input value for the parameter is correct, check that TIBCO Rendezvous is available, and re-submit the trigger message.
SXF1052E	ENDKEY field <%s> on trigger message to %s is an invalid RBA/RRN. Rejected	FilePublisher received a trigger message, but was unable to process it because the specified parameter was invalid. Check that the input value for the parameter is correct, check that TIBCO Rendezvous is available, and re-submit the trigger message.
SXF1053E	Security Check failed. UserId=<%s> is not allowed READ access to File=<%s> from Subject/Destination=<%s>. rc=%d subcode=0x%x VOLSER=<%s> %s. Trigger request rejected, File not published.	Security checking was requested, and the MVS security facility indicated the incoming Trigger request from the specified user, was not allowed access to publish that file. Contact your security people, to determine why the user is not authorized to publish that file.
SXF1055E	Trigger request for file %s rejected because no UserId received on subject %s.	FilePublisher received a trigger message, but was unable to process it because Security checking is turned on, and no user id was included on the trigger message. FileAdapter is unable to process the message. Fix the application that is sending the trigger message to include the required field.
SXF1056E	The RACF call failed for userId=<%s> File=<%s> from Subject/Destination=<%s>. Return code=<%d>. Volser=<%s>	Security checking was requested, and the MVS security facility indicated the incoming Trigger request from the specified user, was not allowed access to publish that file. Contact your security people, to determine why the user is not authorized to publish that file.

Number	Message	Description
SXF1508W	RV DAEMON disconnected, exiting app ...	The RV Daemon being used by the FileAdapter disconnected, either due to a network crash or a crash of the daemon. The FileAdapter is unable to publish any more messages until the daemon (or its connection) is restored.
SXF1509W	RV DAEMON disconnected, exiting app ...	The RV Daemon being used by the FileAdapter disconnected, either due to a network crash or a crash of the daemon. The FileAdapter is unable to publish any more messages until the daemon (or its connection) is restored.
SXF1511W	%s exited with errors	The File Adapter terminated due to the error specified by the %s reason code.
SXF1521E	Error %d on Heartbeat timer create: %s	The File Adapter was unable to create a Heartbeat timer. The %d and %s indicate what the error was that caused the problem.
SXF1524E	Error %d on Started Task cons check timer create: %s	The File Adapter was unable to create a Console timer. The %d and %s indicate what the error was that caused the problem.
SXF1526E	Failed to create EMS/RV Heartbeat message: %s	Unable to create a heartbeat message. Make sure that TIBCO EMS/Rendezvous is available.
SXF1527E	Failed to add [%s] to Heartbeat message: %s	Unable to add the specified string to a heartbeat message. Make sure that TIBCO EMS/Rendezvous is available.
SXF1528E	Failed to add [%s] to Heartbeat message: %s	Unable to add the specified string to a heartbeat message. Make sure that TIBCO EMS/Rendezvous is available.
SXF1529E	Failed to add file prefix for: %d:%s	Unable to add the file prefix field to a heartbeat message. Make sure that TIBCO EMS/Rendezvous is available.
SXF1530E	Failed to add file extension for %d:%s	Unable to add the file extension to a heartbeat message. Make sure that TIBCO EMS/Rendezvous is available.

Number	Message	Description
SXF1531E	Failed to add status for: %d:%s	Unable to add the status string to the heartbeat timer message. Check with the TIBCO administrator.
SXF1532E	Failed to add numPublished	Unable to add the numPublished string to the heartbeat timer message. Check with the TIBCO administrator.
SXF1533E	Failed to add progessLineNo	Unable to add the progessLineNo string to the heartbeat timer message. Check with the TIBCO administrator.
SXF1534E	Failed to add progessLineNo	Unable to add the progessLineNo string to the heartbeat timer message. Check with the TIBCO administrator.
SXF1535E	Failed to set send Heartbeat target: cause=%s Subject/Destination=%s	An error was returned when the Adapter attempted to set the subject name in a heartbeat message to be published. Ensure that a valid subject name is specified in the configuration file.
SXF1536E	Error in sending EMS/RV Heartbeat message: cause=%s Subject=%s	Unable to publish a heartbeat message. Make sure that TIBCO EMS/Rendezvous is available.
SXF1537E	Failed to destroy message.	Unable to destroy a published heartbeat message. Make sure that TIBCO EMS/Rendezvous is available.
SXF1538E	Config file not found in PARM= and no INIFILE DD. Will use default config filename <%s> instead.	No configuration file was specified in the startup JCL or STC procedure library. This is probably an error by the operator. Double-check that you really want to use the default configuration file.
SXF1539E	Failed to get hostname from system. Error code returned by 'gethostname' is = %d	Unable to extract the host name being used by TCPIP. Probably indicates that TCP/IP is not up or not functioning.
SXF1540E	Could not find a usable TCP WinSock.DLL	A missing TCP Steplib entry is causing problems.

Number	Message	Description
SXF1541E	Failed to get hostname from system. Error code returned by 'gethostname' is = %d	The MVS TCP Comm Server is unable to return the hostname of the current system. Contact the system programmer for the MVS Comm Server to try to determine what the problem is.
SXF1542E	Error in sending EMS/RV Heartbeat message: cause=%s subject=%s	Unable to publish a heartbeat message. Make sure that TIBCO EMS/Rendezvous is available.
SXF1543E	FilePoller List Memory allocation failed	Unable to allocate memory. Report error to your TIBCO administrator.
SXF1544E	Failed to subscribe to Subject/Destination <%s>: %s	Unable to create a listener. TIBCO EMS/Rendezvous may be unavailable or may not be active. Check with your TIBCO administrator.
SXF1545E	Failed to subscribe to Subject/Destination <%s>: %s	Unable to create a listener. TIBCO EMS/Rendezvous may be unavailable or may not be active. Check with your TIBCO administrator.
SXF1546E	FilePoller Memory allocation failed for length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF1547E	No file type objects were created from configuration	Unable to create a file type object. At least one file type entry should be completely defined in the configuration file.
SXF1548E	JobQueue element Memory allocation failed for length=%d	An out of memory error was reported by MVS. Raise the Job Limits (REGION size) to provide more memory for the FileAdapter to run.
SXF1549E	JobQueue element Memory allocation failed for length=%d	An out of memory error was reported by MVS. Raise the Job Limits (REGION size) to provide more memory for the FileAdapter to run.
SXF1550E	TriggerQue Memory allocation failed for length=%d	Unable to allocate memory. Report error to your TIBCO administrator.

Number	Message	Description
SXF1551E	TriggerQue Memory allocation failed for length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF1552E	File Poller Timer removal failed: %s	The File Adapter encountered an error while terminating. The %s details the reason for the problem.
SXF1553E	Max_Dir FileList Memory allocation error for length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF1554E	Max_Dir FileList Memory allocation error for length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF1555E	File polling for %s data set is not supported!	The data set type is invalid for polling. The only data set that is supported for polling is PDS. Use a different method to publish the file.
SXF1556E	Timer creation failed: %s	Unable to create a timer. This is a system-level error. Check that TIBCO EMS/Rendezvous is available and functioning properly. Contact the TIBCO administrator.
SXF1557E	FilePoller's Memory allocation of FileSender struct failed for length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF1558E	NULL filePoller in timer callback	The Adapter attempted to create a callback function, but the timer callback function is NULL. This is a system-level message. Contact your TIBCO administrator.
SXF1559E	Failed to subscribe to Subject/Destination <%s>: cause=%s	The File Adapter was unable to successfully subscribe to a given Subject. The %s details the reason for the problem.
SXF1560E	Failed to subscribe to Subject/Destination <%s>: cause=%s	The File Adapter was unable to successfully subscribe to a given Subject. The %s details the reason for the problem.

Number	Message	Description
SXF1561W	setenv for EDC_ZERO_RECLEN Failed: %d %s. VB TEXT files exposed	A OMVS setenv() was issued to allow proper operation of VB files, and it failed due to the reason specified in %s. Review this issue with the MVS systems programmer. It probably indicates an OMVS configuration or authorization problem.
SXF1564E	Transaction Delay Timer removal failed: %s	The Adapter was unable to remove the transaction delay timer.
SXF1565E	Admin Timer removal failed: %s"	The Adapter was unable to remove the ECM Admin message timer

SXF2000 – SXF2999

Number	Message	Description
SXF2004E	<%s> Unable to locate Subscriber=%s	A confirmation reply was received, but no such subscriber was found in the current configuration. It indicates some sort of configuration mis-match between the Publisher and the Subscriber.
SXF2005E	<%s> No subscriber name found on Confirm msg.	A confirmation reply was received, but no such subscriber was found in the current configuration. It indicates some sort of configuration mis-match between the Publisher and the Subscriber.
SXF2010E	Close publisher file=<%s> failed.	A close on a file being published failed. Save the %s reason code and discuss the issue with the MVS Systems programmer.
SXF2023W	ExecuteAfterProcess ignored because the file <%s> has been removed	An ExecuteAfterProcess was requested in the configuration, but the target file was removed/deleted, and not available for use.
SXF2050W	<%s> Re-publishing EOF End Message to Subject/Destination=<%s> Block=%d idx=%d retry=%d #confBlks=%d isEOFblk=%d GUID=%s	The File Publisher did not receive a Block Mode or Record Mode ECM acknowledgement for the last block it sent. If this problem persists it may indicate a network problem. The Publisher will retry to send the block again.

Number	Message	Description
SXF2080E	Close publisher file: <%s> failed.	A close on a file being published failed. Save the %s reason code and discuss the issue with the MVS Systems programmer.
SXF2096W	<%s> Re-publishing to Subject/Destination=<%s> %s=%d idx=%d retry=%d #confBlks=%d GUID=%s Eofsm=%d empty=%d	The File Publisher did not receive a Block Mode or Record Mode ECM acknowledgement for the last block it sent. If this problem persists it may indicate a network problem. The Publisher will retry to send the block again.
SXF2103W	Move operation could not remove file <%s>	Source file is retained while moving a file. Source file was in use by another process when the Adapter attempted to move the file. Remove the source file if it is not needed.
SXF2104W	Directories are identical, file was not moved.	One of the input, process, or output libraries was not unique. Specify input, process and output libraries that are unique.
SXF2105W	Opening File <%s> in Binary Mode %s linelng=%d	A file is being opened in Binary Mode with a linelength specified that may not match the file's actual length.
SXF2106W	<%s> Move operation could not remove source file. cause=%d: %s	A remove operation on a file that was published failed. Save the %s reason code and discuss the issue with the MVS Systems programmer.
SXF2107W	Directories are identical, file is not moved.	The indicates a configuration mis-match between the input or process files, and the output target files.
SXF2108W	Failed to remove file: <%s> because there were errors during processing.	Unable to remove the file indicated. The file still exists on the system. Verify that FilePublisher has the proper authority to remove files.
SXF2109W	<%s> Failed to remove 'AfterProcess' file=<%s>. Cause=%d %s	Unable to remove the file indicated. The file still exists on the system. Verify that FilePublisher has the proper authority to remove files.

Number	Message	Description
SXF2110W	<%s> Failed to remove file=<%s>. Cause=%d %s	Unable to remove the file indicated. The file still exists on the system. Verify that FilePublisher has the proper authority to remove files.
SXF2111W	Failed to extract nested msg. field <%s> to form Subject/Destination name.	Unable to construct the subject from the field data. Check the configuration file for this message.
SXF2112W	Failed to extract field <%s> to form Subject/Destination name.	Unable to construct the subject from the field data. Check the configuration file for this message.
SXF2113W	<%s> File pointer is NULL in publishBlock invoked from timer callback!	The file pointer for a timer function is NULL. Report this to the TIBCO administrator. This portends a system error.
SXF2114W	File pointer is NULL in pubRecord callback! No file opened.	The file pointer for a timer function is NULL. Report this to the TIBCO administrator.
SXF2115W	Failed to remove file: <%s> because there were errors during processing.	Unable to remove the file indicated. The file still exists on the system. Verify that FilePublisher has the proper authority to remove files.
SXF2116W	Failed to remove file: <%s> cause=%s.	Unable to remove the file indicated. The file still exists on the system. Verify that FilePublisher has the proper authority to remove files.
SXF2117W	Failed to remove file: <%s> cause=%s.	The file still exists on the system. Verify that FilePublisher has the proper authority to remove files.
SXF2118W	<%s>: line %d has no fields	Configuration error. No fields were found in the file specified. Correct the configuration file.
SXF2119W	### no constraint match for <%s>	Configuration error. The specified constraint could not be found in the input file. Correct the configuration file.

Number	Message	Description
SXF2120E	Move failed: could not open file <%s>	The move operation failed. Check that the target directory is available and that there are no authority problems.
SXF2121E	Move failed: could not open output file <%s>	The move operation failed. Check that the target directory is available and that there are no authority problems.
SXF2122E	<%s> Move failed: could not open source file using mode=%s. cause=%d: %s	The move operation failed. Check that the target directory is available and that there are no authority problems.
SXF2123E	<%s> Move failed: could not open target file using mode=%s. cause=%d: %s	The move operation failed. Check that the target directory is available and that there are no authority problems.
SXF2124E	<%s> Move failed: Unable to close source file cause=%d: %s	The file specified could not be moved. Be sure that FilePublisher has the proper authority.
SXF2125E	<%s> Move failed: Write error on output file. cause=%d: %s	Unable to move a file. Ensure that FilePublisher has the authority to move the specified file.
SXF2126E	<%s>Move failed: Data loss while flushing the output file	Unable to complete moving a file. Ensure that FilePublisher has the authority to move the specified file.
SXF2127E	<%s> Move failed: Error renaming input file	The File Adapter was unable to successfully rename a CWK file to the target filename used by the FileType. The second %s details the reason for the problem.
SXF2128E	<%s> Move failed: Error moving Binary input file.	The File Adapter was unable to successfully rename a CWK file to the target filename used by the FileType. A second related error message will detail why the move failed.
SXF2129E	<%s> Move failed: Error moving Text input file.	The File Adapter was unable to successfully rename a CWK file to the target filename used by the FileType. A second related error message will detail why the move failed.

Number	Message	Description
SXF2130E	<%s> Move failed: Error renaming input file cause=%d: %s	The File Adapter was unable to successfully rename a CWK file to the target filename used by the FileType. The second %s details the reason for the problem.
SXF2131E	Failed to extract message <%s> for adding container: cause=%s	Possible mismatch between the received message and the configuration file.
SXF2132E	Failed to Add message <%s> to container: cause=%s	Possible mismatch between the received message and the configuration file.
SXF2133E	Failed to Update message <%s> to container: cause=%s	Unable to update one or more fields in a container message. Check the configuration file. The message may have exceeded the maximum buffer length, or TIBCO EMS/Rendezvous may be unavailable.
SXF2134E	Failed to Add message <%s> to container: cause=%s	An attempt to add a field to an RV message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2135E	Failed to Add String to Data message: cause=%s	An attempt to add a field to an RV message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2136E	Failed to get message description tag: %s	Probably a configuration mismatch. Check the configuration file and ensure that the configuration matches the received message.
SXF2137E	Failed to Add Opaque/Binary to Data message: cause=%s	An attempt to add a field to an RV message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF2138E	Packed decimal data is invalid for field <%s>. Zeros sent	The data in a PACKED field is not valid. Ensure that the file data being published is of the right format.
SXF2139E	Packed decimal data is invalid for field <%s>. Zeros sent	The data in a PACKED field is not valid. Ensure that the file data being published is of the right format.
SXF2140E	Failed to Add Packed to Data message: cause=%s	Unable to add the specified field to a data message. Check with the TIBCO administrator.
SXF2141E	Zoned field <%s> contains invalid character <%c>. Zeros sent	A ZONED field contains invalid data. Check the file data to ensure that it is of the proper type.
SXF2142E	Failed to Add Zoned to Data message: cause=%s	Unable to add the specified field to a data message. Check with the TIBCO administrator.
SXF2143E	Failed to destroy timer: cause=%s	Unable to destroy a timer after publishing a message. Check with the TIBCO administrator.
SXF2144E	Deallocate/Free GDG failed: %s	A deallocate for a GDG file failed. Review the %s error message with your MVS Systems programmer.
SXF2145E	Failed to unsubscribe to confirmation Subject/Destination: cause=%s	During shutdown, the FileSubscriber was unable to terminate the subscription to a Subject. The cause %s specifies what the problem was
SXF2146E	<%s> JCL [%s] execution failed - %s	The JCL specified for executeAfterProcess or executeBeforeProcess did not execute properly. Check the JCL specified, and ensure that it can execute properly.
SXF2147E	<%s> Command [%s] returned error rc=%d	The command identified did not complete successfully. Check the command specified for executeBeforeProcess or executeAfterProcess and ensure that the commands are valid.

Number	Message	Description
SXF2148E	JCL [%s] for File <%s> on Subject/Destination <%s> was not executed and the file was NOT removed because the file transfer failed.	The JCL specified for executeAfterProcess or executeBeforeProcess did not execute because (1) the file transfer failed, >and (2) the file's executeAfterProcess parameter was set to suppress running the JCL when file transfer failed.
SXF2149E	JCL [%s] for File <%s> on Subject/Destination <%s> execution failed - %s.	The JCL specified for executeAfterProcess or executeBeforeProcess did not execute properly. Check the specified JCL, and ensure that it can execute properly.
SXF2150E	<%s> Command [%s] returned error rc=%d	The command identified did not complete successfully. Check the command specified for executeBeforeProcess or executeAfterProcess and make sure that the commands are valid.
SXF2151E	Error from the svc99 De-Allocate/FREE GDG function <%s>	A deallocate for a GDG file failed. Review the %s error message with your MVS Systems programmer.
SXF2152E	<%s> Remote Confirm msg indicates Subscriber I/O error. Terminating Block transfer to Sub=%s. Remaining Active Subs=%d.	A Block Mode ECM subscriber indicated that it received an out-space (B37/D37/E37) error, or some other kind of I/O error when writing to the work (CWK) file. The File Adapter will drop that subscriber and continue to publish to any other active subscriber.
SXF2153E	<%s> Remote Confirm msg indicates Subscriber I/O error. Terminating Block transfer to Sub=%s.	A Block Mode ECM subscriber indicated that it received an out-space (B37/D37/E37) error, or some other kind of I/O error when writing to the work (CWK) file. There are not other active subscribers for that File, so the transfer is being terminated
SXF2154E	<%s> Failed to retrieve GUID from Confirm msg	An attempt to retrieve a field to an RV message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF2155E	<%s> Failed to retrieve Block Number from Confirm msg	An attempt to add a field to an RV message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2156E	<%s> processing file <%s> set Subscriber %s offline. Its Max FlexECM retry limit was reached.	A Block Mode ECM subscriber exceed its maximum error count thresh-hold, and has been dropped from the list of active subscribers.
SXF2157E	<%s> set Offline while sending file <%s>. All active ECM Subscribers failed, and Max FlexECM retry limit reached.	All the subscribers to a Block Mode ECM transfer have timed out. This normally indicates some sort of network problem.
SXF2158E	Error from the svc99 function <%s>, file=<%s>	A dynamic Open for a file failed. Verify that the file name is correct. If it is, review the %s error message with your MVS Systems programmer.
SXF2159E	Could not open output GDG File=<%s>	A dynamic Open for a file failed. Verify that the file name is correct. If it is, review the %s error message with your MVS Systems programmer.
SXF2160E	<%s> Failed to close .PRG file=%s, aborting recovery	Unable to close the progress file. Check the process directory. The file may be corrupted.
SXF2161E	<%s> Failed to remove .PRG file=%s, aborting recovery	Unable to remove the progress file. Check the process directory. The file may be corrupted or not properly cataloged.
SXF2162E	<%s> Failed to read data in progress file=%s. Wrong number of fields (%d), aborting recovery	Unable to read the progress file. Check the process directory. The file may be corrupted.
SXF2163E	<%s> Failed to close .PRG file=%s, aborting recovery	Unable to close the progress file. Check the process directory. The file may be corrupted.
SXF2164E	<%s> Failed to remove .PRG file=%s, aborting recovery	Unable to remove the progress file. Check the process directory. The file may be corrupted or not properly cataloged.

Number	Message	Description
SXF2165E	<%s> Failed to read data in progress file=%s. Read of file failed, aborting recovery	Unable to read the progress file. Check the process directory. The file may be corrupted.
SXF2166E	<%s> Failed to close .PRG file=%s, aborting recovery	Unable to close the progress file. Check the process directory. The file may be corrupted.
SXF2167E	<%s> Failed to remove .PRG file=%s, aborting recovery	Unable to remove the progress file. Check the process directory. The file may be corrupted or not properly cataloged.
SXF2168E	<%s> Failed to extract nested RV message for NT_ECM TEXT for ECM publish block. Reason: %s	FilePublisher was unable to extract the nested TEXT data field from a ECM block data message. Check with the TIBCO administrator.
SXF2169E	<%s> Failed to create RV message of length=%d for ECM publish block. Reason: %s	Unable to create a TIBCO Rendezvous message. Contact the TIBCO administrator to ensure that TIBCO Rendezvous is functioning.
SXF2170E	<%s> Failed to create RV message of length=%d: Reason: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO Rendezvous is functioning.
SXF2171E	<%s> Failed to add %s to message: %s	Unable to create a message. Contact the TIBCO administrator to be certain that TIBCO Rendezvous is functioning.
SXF2172E	<%s> Failed to create nested RV message of length=%d: Reason: %s	Unable to create a nested message. Contact the TIBCO administrator to ensure that TIBCO Rendezvous is functioning.
SXF2173E	<%s> Failed to update nested RV message of length=%d: Reason %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO Rendezvous is functioning.
SXF2174E	<%s> Failed to add %s to EMS/RV message: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.
SXF2175E	<%s> Failed to add %s to EMS/RV message: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.

Number	Message	Description
SXF2176E	<%s> Failed to add %s to EMS/RV message: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.
SXF2177E	<%s> Failed to add %s to EMS/RV message: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.
SXF2178E	<%s> Failed to add %s to EMS/RV message: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.
SXF2179E	<%s> Failed to add %s to EMS/RV message: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.
SXF2180E	<%s> Failed to add %s to EMS/RV message: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.
SXF2181E	<%s> Failed to create EndMsg RV message of length=%d: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO Rendezvous is up and running.
SXF2182E	<%s> Failed to add %s to EMS/RV End message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2183E	<%s> Failed to add Filename to EMS/RV End message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2184E	<%s> Failed to add NumberOfMessage to EMS/RV End message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF2185E	<%s> Failed to add %s to RV End message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2186E	<%s> Failed to add %s to EMS/RV End message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2187E	<%s> Failed to add %s to End message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2188E	<%s> Failed to add %s to End message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2189E	<%s> Failed to add %s to End message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2190E	<%s> Failed to add %s to End message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF2191E	<%s> Failed to add %s to End message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2192E	<%s> Failed to add %s to End message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2193E	Failed to create Error EMS/RV message of length=%d: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2194E	Failed to add [%s] to Error message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2195E	Failed to set Error send subject/Destination: %s cause=%s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2196E	Failed to send error message: cause=<%s> Subject/Destination=%s	File Publisher was unable to send a message to the network. The %s cause details why. It may indicate a network or RV daemon problem.
SXF2197E	Failed to destroy Error EMS/RV message: reason=%s	File Publisher was unable to send a message to the network. The %s cause details why.

Number	Message	Description
SXF2198E	Cannot open null file name. rmode=%d	File name in configuration file was NULL (""). Check the configuration file, and supply a file name where it's missing.
SXF2199E	Could not open output GDG file=<%s>. GDG error=%s	A open for a GDG file failed. It may be due to an invalid GD name. If the problem persists, review the %s error message with your MVS Systems programmer.
SXF2200E	Failed to open output GDG file=<%s>	A open for a GDG file failed. It may be due to an invalid GD name. If the problem persists, review the %s error message with your MVS Systems programmer.
SXF2201E	<%s> File open failed for file <%s> using mode '%s'. errno=%d R15=%d Fdbk=%d op=%d ab_sys=0x%X ab_rc=0x%X\n errno text=%s	Unable to open the file identified in the message. Correct the configuration file entry for this file, and be certain that the file is available for use.
SXF2202E	Cannot open file <%s> because RLS function is inactive. SMSVSAM not up	Unable to open the file identified in the message. Correct the configuration file entry for this file, and ensure that the file is available for use.
SXF2203E	Cannot open file <%s> because trying to output to a Recoverable Sphere	Unable to open the file identified in the message. Correct the configuration file entry for this file, and ensure that the file is available for use.
SXF2204E	Cannot open file <%s> because RLS requires SMS files.File is not SMS managed	Unable to open the file identified in the message. Correct the configuration file entry for this file, and ensure that the file is available for use.
SXF2205E	Cannot open file <%s> because RLS detected DISP=SHR vs DISP=OLD conflict.	Unable to open the file identified in the message. Correct the configuration file entry for this file, and ensure that the file is available for use.
SXF2206E	<%s> Can not open file <%s> because OPEN flag still set on from previous run or another App is trying to share the file.	Unable to open the file identified in the message. Correct the configuration file entry for this file, and ensure that the file is available for use.

Number	Message	Description
SXF2207E	Deallocate/Free GDG failed: error %s	A deallocate for a GDG file failed. Review the %s error message with your MVS Systems programmer.
SXF2208E	<%s> VSAM key flocate failed for file <%s>. Terminating request. errno=%d R15=%d Fdbk=%d op=%d ab_sys=0x%X ab_rc=0x%X\n errno text=%s	Unable to locate the requested VSAM record by key, in the file identified in the message. Correct the trigger parameters sent for this file, and be certain that the file is available for use.
SXF2209E	<%s> Failed to open file '%s', errno=%d.	Unable to open the file identified in the message. Correct the configuration file entry for this file, and ensure that the file is available for use.
SXF2210E	<%s> Transfer aborted for file: <%s>. LRECL length %d > Transfer Blackest %d	Unable to process the file identified in the message because the LRECL of the file was longer than the ECM block size specified for the transfer. Correct the configuration file entry for this file to make blockTransferSize equal to or larger than the file's LRECL.
SXF2211E	Failed to open .PRG file '%s' errno=%d errtext=%s	Unable to open the progress .PRG file identified in the message. Check to see that the .PRG file is available for use.
SXF2212E	<%s> TransactionDelay Timer creation failed: %s	Unable to create a timer. This is a system level error. Check that TIBCO EMS/Rendezvous is available and functioning properly. Contact the TIBCO administrator.
SXF2213E	<%s> ConfBlock - Failed to create message of length=%d: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is up and running.
SXF2214E	Failed to set EMS/RV send destination/ subject: %s	An error was returned when the Adapter attempted to publish a message. Ensure that a valid destination/subject name is specified in the configuration file.

Number	Message	Description
SXF2215E	Failed to set EMS/RV reply destination/ subject: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2216E	Error in sending RVCM message: cause=%s Subject/Destination=%s	An error occurred when sending an RVCM message. The Adapter may not be active. Contact your TIBCO administrator and report this error.
SXF2217E	<%s> Error in sending RV message: cause=%s Subject=%s. OR <%s> Error in sending EMS message: cause=%s Destination=%s	An error occurred when sending an EMS/RV message. The Adapter may not be active. Contact your TIBCO administrator and report this error.
SXF2218E	<%s> Failed to create EMS/RV message of length=%d: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.
SXF2219E	<%s> Failed to initialize EMS/RV message of length=%d: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2220E	<%s> Failed to add %s to message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2221E	<%s> Failed to add %s to message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF2222E	<%s> Failed to destroy rvMsg: %s OR <%s> Failed to destroy emsMsg: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2223E	<%s> Failed to remove timer: %s	Unable to terminate an RV timer. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.
SXF2224E	<%s> Failed to create message of length=%d: %s	Unable to create a message. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.
SXF2225E	<%s> Failed to create message of length=%d: %s	Unable to create a message. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.
SXF2226E	<%s> Cannot append to message, failed to find start	Unable to append a field onto an existing message. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.
SXF2227E	<%s> Failed to create message of length=%d: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.
SXF2228E	<%s> Failed to append container: %s cause=%s	Unable to append a field to an existing message. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.
SXF2229E	<%s> Failed to create message of length=%d: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.
SXF2230E	<%s> Cannot append RBA/RRN I32 to message: %s	Unable to append a field to an existing message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.

Number	Message	Description
SXF2231E	Failed to destroy message: %s	Unable to free memory. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.
SXF2232E	<%s> Failed to create Start message of length=%d: %s	Unable to create a message. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.
SXF2233E	<%s> Failed to append FileName parm to Start message: %	Unable to add the filename field to the Start File Publish message. Check the configuration file to ensure that a valid file name was specified. Make sure that TIBCO EMS/Rendezvous is available.
SXF2234E	<%s> Failed to create Tracking message of length=%d: %s	An attempt to create a RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2235E	<%s> Failed to create Trig Reply message of length=%d: %s	An attempt to create a RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2236E	<%s> Failed to append fields to Trig Reply message: %s	Unable to add one or more fields to a Trigger Reply message. Make sure that TIBCO EMS/Rendezvous is available.
SXF2237E	<%s> Failed to create NT_ECM Listener: %s	Unable to create a RV Listener. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.
SXF2238E	<%s> Failed to add String Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and ensure that the configuration matches the message to be sent.

Number	Message	Description
SXF2239E	<%s> Failed to add String Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and ensure that the configuration matches the message to be sent.
SXF2240E	<%s> Failed to add Bool Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and ensure that the configuration matches the message to be sent.
SXF2241E	<%s> Failed to add Time Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and ensure that the configuration matches the message to be sent.
SXF2242E	<%s> Failed to add I16 Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and ensure that the configuration matches the message to be sent.
SXF2243E	<%s> Failed to add U16 Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and ensure that the configuration matches the message to be sent.
SXF2244E	<%s> Failed to add I32 Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and ensure that the configuration matches the message to be sent.
SXF2245E	<%s> Failed to add U32 Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and ensure that the configuration matches the message to be sent.
SXF2246E	<%s> Failed to add F32 Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and ensure that the configuration matches the message to be sent.
SXF2247E	<%s> Failed to add F64 Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and ensure that the configuration matches the message to be sent.

Number	Message	Description
SXF2248E	<%s> Field %s: Invalid data type %s (%d)	An invalid message description was encountered. Check that the configuration file matches the message received, and that TIBCO EMS/Rendezvous is available.
SXF2249E	<%s> Invalid length defined for string field: %s	An invalid message description was encountered. Check that the configuration file matches the message received, and that TIBCO EMS/Rendezvous is available.
SXF2250E	<%s> Failed to add String Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and be certain that the configuration matches the message to be sent.
SXF2251E	<%s> Failed to add String Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and be certain that the configuration matches the message to be sent.
SXF2252E	<%s> Failed to add String Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and be certain that the configuration matches the message to be sent.
SXF2253E	<%s> Failed to add Bool Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and be certain that the configuration matches the message to be sent.
SXF2254E	<%s> Failed to add Time Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and be certain that the configuration matches the message to be sent.
SXF2255E	<%s> Failed to add I16 Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and be certain that the configuration matches the message to be sent.
SXF2256E	<%s> Failed to add U16 Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and be certain that the configuration matches the message to be sent.

Number	Message	Description
SXF2257E	<%s> Failed to add I32 Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and be certain that the configuration matches the message to be sent.
SXF2258E	<%s> Failed to add U32 Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and be certain that the configuration matches the message to be sent.
SXF2259E	<%s> Failed to add F32 Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and be certain that the configuration matches the message to be sent.
SXF2260E	<%s> Failed to add F64 Data Field to message at col %d: %s	This is either a configuration mismatch or an out of memory problem. Check the configuration file, and be certain that the configuration matches the message to be sent.
SXF2261E	<%s> Field %s: Invalid data type %s (%d)	An invalid message description was encountered. Check that the configuration file matches the message received, and that TIBCO EMS/Rendezvous is available.
SXF2262E	<%s> Failed to create message of length=%d: %s	Could not create a message. Check that TIBCO EMS/Rendezvous is available.
SXF2263E	<%s> Failed to get container <%s>: %s	Probably a configuration mismatch. Check the configuration file, and be certain that the configuration matches the received message.
SXF2264E	<%s> Failed to update child message %s	Unable to update one or more fields in a message to be published. Check the configuration file, the message may have exceeded the maximum buffer length, or TIBCO EMS/Rendezvous may be unavailable.
SXF2265E	<%s> Failed to destroy child message %s	Unable to free memory. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.

Number	Message	Description
SXF2266E	<%s> Move failed: Unable to close target file. cause=%d: %s	The file specified could not be moved. Be sure that FilePublisher has the proper authority.
SXF2267E	<%s> Move failed: Unable to close source file. cause=%d: %s	The file specified could not be moved. Be sure that FilePublisher has the proper authority.
SXF2268E	Move failed: copying source <%s> to target <%s>	Could not move the file specified to the directory indicated. Ensure that the file and directory exists, and that FilePublisher has the proper authority.
SXF2269E	<%s> Block Buffer: Memory allocation failed for length=%d	Unable to allocate memory. Report this error to your TIBCO administrator.
SXF2270E	<%s> ConfEndMsgAck Memory allocation failed for %d entries	Unable to allocate memory. Report this error to your TIBCO administrator.
SXF2271E	<%s> Confirm Listen EventId Memory allocation failed for %d entries	Unable to allocate memory. Report this error to your TIBCO administrator.
SXF2272E	<%s> ConfBlocks Memory allocation failed for length=%d	Unable to allocate memory. Report this error to your TIBCO administrator.
SXF2273E	<%s> ConfBlock.MsgAck Memory allocation failed for length=%d	Unable to allocate memory. Report this error to your TIBCO administrator.
SXF2274E	Failed to send error message: cause=<%s> Subject/Destination=%s	Unable to send a message. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.
SXF2275E	<%s> Block Buffer: Memory allocation failed for length=%d	Unable to allocate memory. Report this error to your TIBCO administrator.
SXF2276E	Error in sending RVCM message: cause=%s Subject/Destination=%s	Unable to send a message. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.
SXF2277E	<%s> Error in sending message: cause=%s Subject/Destination=%s	Unable to send a message. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.

Number	Message	Description
SXF2278E	NULL fileSender in timer callback	Attempted to create a callback function, but the timer callback function is NULL. This is a system level error message, contact your TIBCO administrator.
SXF2279E	Failed to subscribe to Subject/Destination <%s> cause=%s	Unable to create a Subscriber for that destination. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.
SXF2280E	<%s> Failed to subscribe to Subject/Destination <%s> cause=%s	Unable to create a Subscriber for that destination. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.
SXF2281E	<%s> no confirmation Subject/Destination specified for Record Mode ECM	Unable to create a Subscriber for that destination. Contact the TIBCO administrator to be certain that TIBCO EMS/Rendezvous is functioning.
SXF2282E	Failed to Add Double to Data message: cause=%s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2285E	<%s> Failed to add fileTransferDuration to Status message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2286E	There is an error in loading the configuration for this file type. Cannot publish file <%s>.	An error was discovered for the FileType associated with this subject, during configuration processing, and the file type was marked invalid and offline. Fix the error in the configuration file, and re-submit the publish request.

Number	Message	Description
SXF2294W	<%s> Re-publishing Queued Messages to Subject/Destination=<%s>: CurrBlk=%d CurrRec=%d RecovBlk=%d retry=%d #confBlks=%d Eofsm=%d ifactive=%d NtEcm=%d	The File Publisher did not receive a Block Mode or Record Mode ECM acknowledgement for the last block it sent. If this problem persists it may indicate a network problem. The Publisher will retry to send the block again.
SXF2296E	Zoned field <%s> contains invalid character <%c>. Zeros sent	The data in the file to be published is invalid. Verify that the message definition is correct, and that the file is correctly formatted.
SXF2303E	Error from the Svc99 function <%s>. File=<%s> Volser=<%s ...> Unit=%s Type_alloc=%s Mode=%s	An error occurred when dynamically opening a file. The first %s denotes what the error was. Save this message and consult with your MVS programmer.
SXF2304E	Svc99 error: Duplicate Dataset Name=%s already exists on the system.	This normally indicates that two different file types are trying to use the same file. This is not allowed.
SXF2305E	Svc99 error: Insufficient space on requested Volumes.	A PROGRESS file is being created on a VOLUME that has run out of space.
SXF2306E	Svc99 error: RACF/ACF2 Security problem.	A PROGRESS file is being created and RACF has flagged an error (e.g. the Volume is password protected).
SXF2307E	Svc99 error: Cannot put a non-SMS dataset on an SMS volume.	A VOLSER has been specified for a Progress file that exists on a SMS managed volume
SXF2308E	Svc99 error: Catalog error - program not authorized to perform operation	A PROGRESS file is being created and RACF has flagged an error (e.g. the Volume is password protected).
SXF2309E	Svc99 error: RACF/ACF2 Security problem (Not Auth) or SMS error	A PROGRESS file is being created and RACF has flagged an error (e.g. the Volume is password protected).
SXF2310E	Svc99 error: File=<%s> already allocated and the tasks' usage attributes of 'a' and 'w' conflict	This normally indicates that two different file types are trying to use the same file. This is not allowed.

Number	Message	Description
SXF2311E	Output File <%s> could not be opened using DD=<%s> mode=<%s> Type_alloc=%s errno=%d %s	The specified file could not be opened. The errno %s specifies the specific cause of the problem.
SXF2312E	Append Output File <%s> might not be currently cataloged on VOLSER=<%s ...	The VOLSER parameter specified in the INI file may be incorrect for that file. Contact your MVS systems programmer.
SXF2313W	<%s> Msg Acked. Re-Publishing successful on Subject/Destination=%s after %d retries	Indicates that blocks that were previously being re-published have now been acknowledged. Whatever network condition was causing the problem has been corrected.
SXF2318E	Svc99 error: Invalid file name %s was rejected by Allocate	The FILENAME parameter specified in the INI file were incorrect. Contact your MVS systems programmer.
SXF2319E	Svc99 error: Invalid VolSer list was rejected by Allocate	The VOLSER parameter specified in the INI file were incorrect. Contact your MVS systems programmer.
SXF2320E	Svc99 error: Invalid UNIT name %s was rejected by Allocate	The UNIT parameter specified in the INI file were incorrect. Contact your MVS systems programmer.
SXF2321E	Svc99 error: Invalid length was rejected by Allocate. Probably due to incorrect length on File name, Volser, or Unit	The FILENAME, UNIT, or VOLSER parameters specified in the INI file were incorrect. Contact your MVS systems programmer.
SXF2322E	Svc99 error: UNIT %s and Volser %s are incompatible or missing and were rejected by Allocate	The UNIT and VOLSER parameters specified in the INI file were incompatible for the file being processed. Contact your MVS systems programmer.
SXF2323E	<%s> Failed to create nested EPM Payload message of length=%d: %s	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF2326E	<%s> Failed to read data from input process file. Next Block # %d	An attempt to retrieve a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2327E	Error adding field to EPM message: cause=%s Subject/Destination=%s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF2342E	Invalid null pointer for pFileSender. Terminating Publisher	An unexpected condition has been detected. The Publisher will be terminated.
SXF2343E	Invalid null pointer for pFileOptions. Terminating Publisher	An unexpected condition has been detected. The Publisher will be terminated.
SXF2344E	Invalid null pointer for %s. pFileSender=%08X timer_kick=%d	An unexpected condition has been detected.
SXF2346E	<%s> Opening file=<%s> with mode=%s failed.	The file adapter was unable to open the specified file.
SXF5329E	Only one durable subscriber can be defined per FileOption section	Only one durable subscriber can be defined per FileOption section.
SXF5332E	Subscribe <%s> and Generate <%s> Destination names need to be equal for Guaranteed Delivery.	If guaranteed delivery of EMS messages is used and if generateFileDestinationName is specified, then subscribeDestinationName must equal generateFileDestinationName

SXF3000 – SXF3999

Number	Message	Description
SXF3000E	<%s> Unable to get reply Subject/Destination for Subscriber=%s	This is a Block Mode ECM internal or recovery type error. Contact TIBCO technical support.

Number	Message	Description
SXF3003E	<%s> Unable to locate Subscriber=%s. Not registered.	This is a Block Mode ECM internal or recovery type error. Contact TIBCO technical support.
SXF3004E	<%s> No subscriber name found in msgType=%s msg. Unable to reply	This is a Block Mode ECM internal or recovery type error. Contact TIBCO technical support.
SXF3005W	<%s> Ignoring Activate from Subscriber=%s until current file completed.	A recovery race occurred. When the current file is complete, the recovery sequence will be completed.
SXF3008E	<%s> Received unknown ECM Admin Subscriber request %d	This is a Block Mode ECM internal or recovery type error. Contact TIBCO technical support.
SXF3009W	<%s> No reply subject/Destination for Subscriber=%s on msgtype=%d.	This is a Block Mode ECM internal or recovery type error. Contact TIBCO technical support.
SXF3012E	<%s> Unable to locate Subscriber=%s. Not registered.	This is a Block Mode ECM internal or recovery type error. Contact TIBCO technical support.
SXF3013E	<%s> No subscriber name found on msgType=%d. Not registered.	This is a Block Mode ECM internal or recovery type error. Contact TIBCO technical support.
SXF3015E	<%s> Received unknown ECM Admin Subscriber reply %d.	This is a Block Mode ECM internal or recovery type error. Contact TIBCO technical support.
SXF3021E	<%s> Admin Retry Timer create failed: %s	An attempt to create an RV or EMS timer failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF3022E	<%s> set Subscriber %s offline. It's Max FlexECM retry limit was reached during Activation.	A Block Mode ECM subscriber exceed its maximum error count thresh-hold, and has been dropped from the list of active subscribers.

Number	Message	Description
SXF3023E	<%s> set Offline. Not all ECM Subscribers Active, Max FlexECM retry limit reached, and .PRG file <%s> failed.	A Block Mode ECM subscriber exceed its maximum error count thresh-hold, and has been dropped from the list of active subscribers.
SXF3024E	<%s> set Offline. No ECM Subscribers Active, and Max FlexECM retry limit reached.	All the subscribers to a Block Mode ECM transfer have timed out. This normally indicates some sort of network problem.
SXF3025E	<%s> %d subscribers set Offline, because Max FlexECM retry limit reached.	A group of subscribers to a Block Mode ECM transfer have timed out. This normally indicates some sort of network problem.
SXF3026E	<%s> Failed to create RV Admin message: %s	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF3027E	<%s> Failed to append MsgType to Admin message: %s	Unable to add the MsgType field to an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF3028E	<%s> Failed to append MsgId/Guid to Admin message: %s	Unable to add the MsgId/Guid field to an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF3029E	<%s> Failed to append Version to Admin message: %s	Unable to add the Version field to an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF3030E	<%s> Failed to append bool flag to Admin message: %s	Unable to add the bool flag field to an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF3031E	<%s> Failed to append NumRetries to Admin message: %s	Unable to add the NumRetries field to an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.

Number	Message	Description
SXF3032E	<%s> Failed to set RV Admin send subject: %s	An error was returned when the Adapter attempted to set the ECM Admin Subject name in a message to be published. Ensure that a valid subject name is specified in the configuration file.
SXF3033E	<%s> Failed to set RV Admin reply subject: %s	An error was returned when the Adapter attempted to set the ECM Admin Reply Subject name in a message to be published. Ensure that a valid subject name is specified in the configuration file.
SXF3034E	<%s> Failed to send RV Admin msg: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF3035E	<%s> Failed to subscribe to Admin Request subject <%s> cause=%s	An error was returned when the Adapter attempted to subscribe to an ECM Admin Subject name. Ensure that a valid subject name is specified in the configuration file. Check that TIBCO EMS/Rendezvous is available.
SXF3036E	<%s> Failed to subscribe to Admin Reply subject <%s> cause=%s	An error was returned when the Adapter attempted to subscribe to an ECM Admin Subject Reply name. Ensure that a valid subject name is specified in the configuration file. Check that TIBCO EMS/Rendezvous is available.
SXF3037E	NULL fileSender in Admin timer callback	A error was detected in the ECM Admin Timer callback support. Check that TIBCO EMS/Rendezvous is available. If so, and the problem persists, contact TIBCO technical support.
SXF3038E	<%s> Failed to send Admin msg: cause=%s subject=%s	FilePublisher was unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF3040E	File <%s> can't be deleted. UserId=<%s> does not have ALTER access privileges on the file.	A "removeFile=true" was specified in a FileType definition, but when a Trigger request came in for that File, the requesting user is not authorized to delete the field.

Number	Message	Description
SXF3042W	<%s> will not be deleted when Publishing complete. UserId=<%s> does not have ALTER access privileges on the file	A "removeFile=true" was specified in a FileType definition, but when a Trigger request came in for that File, the requesting user is not authorized to delete the field.

SXF4000 – SXF4999

Number	Message	Description
SXF4002E	API %s failed with exception %s	A TIBCO API failed. Note the return code and contact your TIBCO administrator.
SXF4003E	Input file <%s> does not exist	A Trigger request was received, and the file it was requesting to publish was not present in the Process Input directory.
SXF4004E	File <%s> is present in process library	A copy of the requested file to be published already exists in the Process file. This means that the file is already being published or recovered, and the duplicate publish request is being rejected.
SXF4005E	API %s failed with exception %s	A TIBCO API failed. Note the return code and contact your TIBCO administrator.
SXF4006E	Library not found: %s	Could not find the library specified. Supply a name of a library that exists on the system.
SXF4007E	Input file <%s> does not exist	The input file specified does not exist. Correct the file name, or the library name.
SXF4008E	File <%s> is present in process library.	The specified file already exists in the process directory. Move the specified file out of the process directory to prevent the Adapter from overwriting the file.
SXF4502E	Generic error: %s %d %d %d %d	File Adapter is reporting an error it encountered. The %s details the cause of the error.
SXF4503E	Generic error: %s %s %d %d %d	File Adapter is reporting an error it encountered. The %s details the cause of the error.

Number	Message	Description
SXF4504W	Library not found: %s	A library needed by the FileAdapter is missing. Re-check the STEPLIB definitions used in the File Adapter JCL.
SXF4505E	Failed to open Pub log file <%s>: cause %d %s. File logging turned off...	The File Adapter was unable to open the trace log file. The second %s details the cause of the problem.
SXF4506E	Error renaming Pub log file <%s> to <%s>: cause %d %s. File logging turned off...	The File Adapter was unable to open the trace log file. The second %s details the cause of the problem.
SXF4507E	Failed to open Pub log file <%s>: cause %d %s. File logging turned off...	The File Adapter was unable to open the trace log file. The second %s details the cause of the problem.

Subscriber Error Messages

SXF5000 – SXF5999

Number	Message	Description
SXF5135W	WARNING: VSAM RLS Share Options 3 and 4 are not supported	You specified a SHARE option that the FileAdapter does not support. Only levels 1 and 2 are supported.
SXF5197E	Config parse error near line %d, failed to parse value	The format or value for a name/tag is not correct. A supplied value is incomplete; typically the value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure all values in the configuration file have matching quotes and braces, and that there are equal signs where required. Check the name/value tags in the section defined in the configuration file. Refer to the manual for the proper format.
SXF5198E	Invalid value set for %s	The format or value for a name/tag is not correct. A supplied value is incomplete; typically the value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure all values in the configuration file have matching quotes and braces, and that there are equal signs where required. Check the name/value tags in the section defined in the configuration file. Refer to the manual for the proper format.
SXF5199E	A VSAM key cannot be longer than 255 bytes. Length=%d	For VSAM files, a key cannot be more than 255 characters. Change the configuration value supplied to the proper length.
SXF5200E	Invalid VSAM file mode value set for %s	The file mode specified for a VSAM is incorrect. It must be either INSERT, UPSERT, or REPLACE. Change the configuration value supplied to a valid value.
SXF5201E	Invalid vsamShare= option. Must be either NRI or CR	The share mode specified for a VSAM is incorrect. Change the configuration value supplied to a valid value.

Number	Message	Description
SXF5202E	Unknown/Invalid configuration parameter <%s> at line %d. Ignored	In the FileSubscriber configuration file, a token is invalid in the FileType section. The invalid token is displayed. It could either be a misspelled option name, or an obsolete keyword. Change the configuration file for the associated FileType, to either correct the spelling of the option, or to remove an obsolete or unsupported option.
SXF5203E	Invalid file type: prefix more than 8 char	The file type value supplied must not be more than 8 characters. Change the value supplied to the proper length.
SXF5204E	File <%s> is not a VSAM file or else is not Cataloged	The file type specified a VSAM file name that could not be located in the MVS catalog. Verify that the file is actually a VSAM file, and ensure that the spelling of the file name is correct in the configuration file.
SXF5205E	VSAM log name has been defined, but no vsamUseLog= has been specified	The file type indicated a VSAM log name, but did not have a corresponding vsamUseLog option to denote how the log should be used. Add a vsamUseLog parameter, or else remove the VSAM log name parameter from the configuration file.
SXF5206E	Logging for VSAM file is enabled, but no VSAM log name has been defined	The file type has a vsamUseLog parameter specified, but no corresponding VSAM log name. Add a VSAM log name, or remove the vsamUseLog parameter from the configuration file.
SXF5207E	Block Mode Transfer requires that you specify an genFileSubjectName.	You specified blockTransferMode without specifying a genFileSubjectName. For standard block mode or record-mode ECM, specify a genFileSubjectName.
SXF5208E	Unsupported data set type <%s>	A file type other than PDS, GDG, SEQ, or VSAM was entered in the configuration file. Correct the file type entry, use only PDS, GDG, SEQ, or VSAM. Value must be in upper case.

Number	Message	Description
SXF5209E	VSAM file: missing KeyLength	For VSAM files, a key must be specified. Change the configuration file to supply the proper length.
SXF5210E	VSAM REUS files are not supported by Tibco Subscriber	FileSubscriber does not process VSAM files that have the REUS attribute. Redefine the file to NOREUS mode.
SXF5211E	Process directory [%s] cannot be the same as the output directory.	The process directory name is the same as the output directory. Use a unique name for the process and the output directory.
SXF5212E	Invalid output library name: <%s>	The output library name is not a valid MVS dataset name. Correct the name.
SXF5213E	Invalid output library name: <%s>	The output library name specified is invalid. Use a valid library name. Check for invalid characters. Maximum length is 10 characters.
SXF5214E	Invalid process library name: <%s>	The process library name specified is invalid. Use a valid library name. Check for invalid characters. Maximum length is 10 characters.
SXF5215E	non-Block Mode ECM FileSubscriber must have a file output method	A "standard" block-mode transfer that does not use ECM must specify a AutoGenerate file count or subject name. Supply a valid AutoGenerate parameter in the FileType section of the configuration file.
SXF5216E	Missing <%s> tag	The configuration file is missing a required constraint parameter. The error message indicates which parameter is missing. Check the configuration file.
SXF5217E	Do not use both <position> and <fieldStart> tags)	The configuration file uses both a position and a fieldStart tag. Use only one of the tags to specify a field location.
SXF5218E	Do not use both <position> and <fieldStart> tags)	The configuration file uses both a position and a fieldStart tag. Use only one of the tags to specify a field location.

Number	Message	Description
SXF5219E	Config parse error near line %d, invalid precision: <%s>	The value for the precision tag is not correct. Check the precision tag in the configuration file. Refer to the manual for the proper format.
SXF5220E	Config parse error near line %d, invalid precision: <%s>	The value for the precision tag is not correct. Check the precision tag in the configuration file. Refer to the manual for the proper format.
SXF5221E	Invalid data type <%s> near line <%d>	A invalid field type was specified. Specify a valid field type for conversion to numeric.
SXF5222E	Config parse error near line %d, bad line token: '%s'	In the configuration file for FileSubscriber, a token is invalid in the FILE_LINE element of the FileType section. The invalid token is displayed. Correct or delete the invalid token.
SXF5223E	Field <%s> in <%s %s> must have a position definition...	A position tag was not supplied. Check the configuration file for the field identified, and add a position tag.
SXF5224E	Field <%s> in <%s %s> must have a precision definition for %s conversion...	A precision tag was not supplied. Check the configuration file for the field identified, and add a precision tag.
SXF5225E	Field <%s> in <%s %s> has invalid convertTo value: <%s>...	An invalid conversion value was specified. Only "true" or "false" may be specified for the convertTo tag.
SXF5226E	Field <%s> in <%s %s> has invalid input type: <%s>...	A invalid field type was specified. Specify a valid field type for conversion to numeric.
SXF5227E	Field <%s> in <%s %s> is defined as %s, but FileType must be binary...	The FileType must be binary. Add an isBinary="true" parameter to the file type.
SXF5228E	Config parse error near line %d, failed to parse value	A supplied value is incomplete. Typically the supplied value is missing an opening or closing quote "), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.

Number	Message	Description
SXF5229E	Config parse error near line %d, bad line token: '%s'	In the configuration file for FileSubscriber, a token is invalid in the FILE_LINE element of the FileType section. The invalid token is displayed. Correct or delete the invalid token.
SXF5230E	Config parse error near line %d, failed to parse value	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF5231E	Config parse error near line %d, failed to parse value	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF5232E	Config parse error near line %d, invalid option name: '%s'	A value in the Options section may be misspelled, or may not have the proper case. The invalid option is displayed. Check the spelling of the values in the Options section of the configuration file. Values must be in upper case.
SXFF5233E	Config parse error near line %d, failed to parse options line	In the configuration file, the Options section must have matching opening and closing '}'. Check the configuration file and make sure that the Options section has matching opening and closing '}'.
SXF5234E	Config parse error near line %d, failed to parse value	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.

Number	Message	Description
SXF5235E	Config parse error near line %d, failed to parse value	A supplied value is incomplete. Typically the supplied value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF5236E	Config parse error near line %d, invalid option name: '%s'	A value in the Options section may be misspelled, or may not have the proper case. The invalid option is displayed. Check the spelling of the values in the Options section of the configuration file. Values must be in upper case.
SXF5237E	Config parse error near line %d, failed to parse file type line	In the configuration file, the FileType does not have the proper framing, or is missing required parameters. Check the FileType section of the configuration file and make sure that the section is complete, and that there are matching opening and closing braces ({ }).
SXF5238E	Config parse error near line %d, invalid option name: '%s'	A value in the Options section may be misspelled, or may not have the proper case. The invalid option is displayed. Check the spelling of the values in the Options section of the configuration file. Values must be in upper case.
SXFF5239E	Config parse error near line %d, failed to parse options line	A supplied value is incomplete, typically the supplied value is missing an opening or closing quote ("), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF5240E	Only %d file types are supported	You have specified too many File Types in the configuration file. Reduce the number of File Type definitions

Number	Message	Description
SXF5241E	Config parse error near line %d, invalid section name: '%s'	A section name in the configuration file is incorrect. The section name must be one of Trace, Options, or FileType. Check the spelling of the section names of the configuration file. Names are case sensitive.
SXF5242E	Config parse error near line %d, failed to find ']'	In the configuration file, a section description (Trace, Options, or FileType) does not have a closing ']'. Check the configuration file and make sure that all section descriptions are formed correctly.
SXF5243E	Config parse error near line %d, failed to find section'	A section name in the configuration file is missing. The section name must be one of Trace, Options, or FileType. Check the spelling of the section names in the configuration file. Names are case sensitive.
SXF5244E	Config parse error near line %d, failed to terminate expression	A section was not properly configured in the configuration file. Check the configuration file and correct the error.
SXF5245E	Missing [%s] section	A section name in the configuration file is missing. The section name must be one of Trace, Options, or FileType. Check the spelling of the section names in the configuration file. Names are case sensitive.
SXF5246E	Missing [%s] section	A section name in the configuration file is missing. The section name must be one of Trace, Options, or FileType. Check the spelling of the section names in the configuration file. Names are case sensitive.
SXF5247E	Missing [%s] section	A section name in the configuration file is missing. The section name must be one of Trace, Options, or FileType. Check the spelling of the section names in the configuration file. Names are case sensitive.
SXF5248E	Missing [%s] section option: %s	The configuration file is missing the section option specified. You must specify the indicated option. Add the option to the configuration file.

Number	Message	Description
SXF5249E	Missing [%s] section option: %s	The configuration file is missing the section option specified. You must specify the indicated option. Add the option to the configuration file.
SXF5250E	Missing [%s] section option: %s	The configuration file is missing the section option specified. You must specify the indicated option. Add the option to the configuration file.
SXF5251E	Missing [%s] section option: %s	The configuration file is missing the section option specified. You must specify the indicated option. Add the option to the configuration file.
SXF5252E	Missing [%s] section option: %s	The configuration file is missing the section option specified. You must specify the indicated option. Add the option to the configuration file.
SXF5253E	Missing %s definitions for file prefix <%s>	An input directory has not been specified for this file type. Correct the configuration file.
SXF5254E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF5255E	GDG Model not found: %s	The GDG model for the specified file was not found. Make sure that the GDG file was properly specified.
SXF5256E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF5257E	Directory not found: %s	The specified directory was not found. Make sure that the specified directory exists and is available.
SXF5258E	Directory not found: %s	The specified directory was not found. Make sure that the specified directory exists and is available.

Number	Message	Description
SXF5259E	Missing %s definition for file prefix <%s>	The specified section for this file type is missing. Add the definitions to the configuration file.
SXF5260E	Directory not found: %s	The specified directory was not found. Make sure that the specified directory exists and is available.
SXF5261E	Directory not found: %s	The specified directory was not found. Make sure that the specified directory exists and is available.
SXF5262E	Failed to open config file: %s	Unable to open the configuration file or the configuration file was not found. Make sure that the configuration file exists, and that it can be found by the Adapter.
SXF5263E	MVS CSI problem. Incorrect file name or not cataloged=<%.44s>	The File Adapter cannot find a valid entry for this file in the MVS catalog. It is either mis-spelled or has been deleted from the MVS catalog.
SXF5264E	Failed to open TIB/Rendezvous RV. cause=%s	Unable to start TIBCO Rendezvous TIBCO Rendezvous may not be active. Check with your TIBCO administrator that TIBCO Rendezvous is available.
SXF5265E	Failed to create EMS/RV Transport session: service=%s network=%s daemon=%s. EMS/RV Error=%s	Unable to start TIBCO Rendezvous TIBCO Rendezvous may not be active. Check with your TIBCO administrator that TIBCO Rendezvous is available.
SXF5266E	Failed to open TIBCO Rendezvous CM -- %s	Unable to start TIBCO Rendezvous, it may be inactive. Check with your TIBCO administrator.
SXF5267E	Failed to create RV transport: %s	Unable to create a network transport. TIBCO Rendezvous may be inactive. Check with your TIBCO administrator.
SXF5268E	Failed to create RVCM Transport: %s	Unable to create a network transport. TIBCO Rendezvous may be inactive. Check with your TIBCO administrator.

Number	Message	Description
SXF5269E	Configuration File Error near line <%d> missing ',' or '\'" .	There is an error in the configuration file. Verify that the configuration file is coded properly.
SXF5270E	Found definitions for both Reliable and Certified mode	The configuration file contains definitions for both modes. The modes are mutually exclusive. Specify only one mode in the configuration file.
SXF5271E	Found definitions for both Reliable and Certified mode	The configuration file contains definitions for both modes. The modes are mutually exclusive. Specify only one mode in the configuration file.
SXF5272E	Missing tag <%s> for %s	The configuration file is missing a required parameter. The error message indicates which parameter is missing. Check the configuration file and correct the discrepancy.
SXF5273E	Missing tag <%s> for %s	The configuration file is missing a required parameter. The error message indicates which parameter is missing. Check the configuration file and correct the discrepancy.
SXF5274E	Cannot specify both vsamReplaceRecords and vsamUpsertRecords =true	The FileType definition has both parameters specified. This is not allowed. Choose one or the other.
SXF5275E	VSAM file type: missing KeyOffset	A FileType is using a VSAM file. VSAM files require a KeyOffset definition in the FileType.
SXF5276E	Memory allocation error of LineField struct. Length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF5277E	lineBuff Option Memory allocation failed. Length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF5278E	optionvalue Memory allocation failed. Length=%d	An attempt to allocate memory failed. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF5279E	optionvalue Memory allocation failed. Length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF5280E	lineBuff Option Memory allocation failed. Length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF5281E	lineBuff Option Memory allocation failed. Length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF5282E	lineBuff Option Memory allocation failed. Length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF5283E	Missing %s definition for file prefix <%s>	A FileType requires a Prefix definition, and none was found.
SXF5284E	Missing %s definition for file prefix <%s>	A FileType requires a Prefix definition, and none was found.
SXF5285E	GDG base not found: %s	The GDG base for the specified file was not found. Make sure that the GDG file was properly specified.
SXF5286E	Missing %s definition for file prefix <%s>	A FileType requires a Prefix definition, and none was found.
SXF5287E	Missing %s definition	No Adapter name has been specified. Add the definition(s) to the configuration file.
SXF5288E	FileOptions Memory allocation failed	An attempt to allocate memory failed. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF5289E	Config parse error near line %d, failed to find ']'	There is an error in the configuration file. Verify that the configuration file is coded properly.
SXF5290E	*** CSI failure: mod=0x%X%X reason=%d rc=%d	A request to access the MVS Catalog service failed. Save the error message and contact your MVS Systems programmer.
SXF5291E	Invalid file type: no prefix	A FileType requires a Prefix definition, and none was found.

Number	Message	Description
SXF5292W	Caution: Binary files must always be Fixed Block. usedFixedRecordFile=false parameter is ignored.	The Adapter requires that binary files must use fixed block (FB) format. Correct the configuration file.
SXF5293E	There is a config error. reading till next section is encountered :[%d]	A supplied value is incomplete. Typically the supplied value is missing an opening or closing quote "), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF5294E	There is an error while parsing the name value pairs. exit parsing	A supplied value is incomplete. Typically the supplied value is missing an opening or closing quote "), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF5295E	There is an configuration error at line <%d>:[%s]	A supplied value is incomplete. Typically the supplied value is missing an opening or closing quote "), brace ({ }), or an equal sign (=). Make sure that the values in the configuration file have matching quotes and braces, and that there are equal signs where required.
SXF5296E	blkSizeAlloc <%d>, is not a multiple of lineLength [%d] for fixed block	The value specified for blkSizeAlloc= is not a multiple of the record length (lineLength). Recheck the RECL and BLKZSIZE attributes of the file on your system, and set blkSizeAlloc to a valid multiple of the RECL.
SXF5297E	blkSizeAlloc <%d>, is not a multiple of lineLength [%d] for variable block	The value specified for blkSizeAlloc= is not a correct multiple of the record length (lineLength). It must be (RECL * n) + 4. Re-check the RECL and BLKZSIZE attributes of the file on your system, and set blkSizeAlloc to a valid multiple+4 of the RECL.

Number	Message	Description
SXF5299W	Target file <%.48s> not found. Requested by user=%s on Subject/Destination=%s.	The File Adapter cannot find a valid entry for this file in the MVS catalog. It is either mis-spelled or has been deleted from the MVS catalog.
SXF5302W	Both Code Pages must be configured. Single code page config is ignored.	Normally, both HOSTCODEPAGE and NETWORKCODEPAGE should be specified when overriding the default code pages used by the File Adapter.
SXF5303W	Code Page Setup failed: reason=<%s>. Will use defaults instead.	Unable set up the requested code pages. Verify that the code page settings are valid for your system and that TIBCO Rendezvous is active. Check with your TIBCO administrator.
SXF5306E	Config ERROR: you have defined both record-mode ECM and Block-Mode ECM parms in the same Filetype. Configuration has been overriden to use Block Mode ECM.	You specified parameters for both Block Mode ECM and record-mode ECM versions of ECM block mode. Determine which version of the ECM protocol you, then remove the parameters that apply to the other version of the protocol.
SXF5307E	Config ERROR: you have defined both forcePublishedFileName and generateFileOnNumberOfMessages=%d parms. This combination is not allowed.	The file type has been defined with both forcePublishedFileName and generateFileOnNumberOfMessages parameters. Remove one of the parameters from the configuration file.
SXF5323E	Config ERROR: you must define retryInterval > 0 if Locked File retry is enabled with noOfRetries > 0	There is an error in the configuration file. Verify that the configuration file is coded properly.
SXF5329	Only one durable subscriber can be defined per FileOption section	
SXF5330	Durable subscriber specified:	

SXF6000 – SXF6999

Number	Message	Description
SXF6020W	Could not remove SIGINT signal handler: %s	The File Adapter encountered an error while terminating. If the problem persists, contact TIBCO technical support.
SXF6021W	Could not remove SIGTERM signal handler: %s	The File Adapter encountered an error while terminating. If the problem persists, contact TIBCO technical support.
SXF6022W	Could not setup SIGINT signal handler: cause=%s	The File Adapter encountered an error while terminating. If the problem persists, contact TIBCO technical support.
SXF6023W	Could not setup SIGTERM signal handler: cause=%s	The File Adapter encountered an error while terminating. If the problem persists, contact TIBCO technical support.
SXF6024E	Error in sending Heartbeat message: cause=%s Subject/Destination=%s	An error occurred when sending a TIBCO heartbeat message. The Adapter may not be active. Contact your TIBCO administrator.
SXF6025E	Error in sending Heartbeat message: cause=%s Subject/Destination=%s	An error occurred when sending a TIBCO heartbeat message. The Adapter may not be active. Contact your TIBCO administrator.
SXF6026E	Failed to unsubscribe for exit Subject/Destination <%s>: cause=%s	The File Adapter encountered an error while terminating. If the problem persists, contact TIBCO technical support.
SXF6027E	Failed to unsubscribe for refresh options Subject/Destination <%s>: %s	The File Adapter encountered an error while terminating. If the problem persists, contact TIBCO technical support.
SXF6030E	Heartbeat timer removal failed: cause=%s	The File Adapter encountered an error while terminating. If the problem persists, contact TIBCO technical support.
SXF6031E	Failed to send error message: cause=<%s> Subject/Destination=%s	File Adapter was unable to send a message to the network. The %s cause details why. It may indicate a network or RV daemon problem.

Number	Message	Description
SXF6032E	FileHandler Global-List Memory allocation failed	An attempt to allocate memory failed. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF6033E	Failed to subscribe to Subject/Destination <%s> cause=%s	Unable to create a listener. TIBCO EMS/Rendezvous may be unavailable. Check with your TIBCO administrator.
SXF6034E	FileHandler Memory allocation failed for new [FileType]. Length=%d	An attempt to allocate memory failed. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF6035E	Memory allocation failed for SaveTimer entry. Length=%d	An attempt to allocate memory failed. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF6036E	HeartBeat Msg Memory allocation failed. Length=%d	An attempt to allocate memory failed. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF6037E	HeartBeat Nested Msg Memory allocation failed. Length=%d	An attempt to allocate memory failed. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF6038E	Failed to create Heartbeat message: cause=%s	FileSubscriber was unable to create a heartbeat message. Check that TIBCO EMS/Rendezvous is available.
SXF6039E	Failed to add [%s] to Heartbeat message: %s	Unable to add the specified string to a heartbeat message. Check that TIBCO EMS/Rendezvous is available.

Number	Message	Description
SXF6040E	Failed to add [%s] to Heartbeat message: %s	Unable to add the specified string to a heartbeat message. Check that TIBCO EMS/Rendezvous is available.
SXF6041E	Failed to add file prefix for: %d:%s cause=%s	Unable to add the file prefix field to a heartbeat message. Check that TIBCO EMS/Rendezvous is available.
SXF6042E	Failed to add file extension for %d:%s cause=%s	Unable to add the file extension to a heartbeat message. Check that TIBCO EMS/Rendezvous is available.
SXF6043E	Failed to add status for: %d:%s cause=%s	Unable to add the status string to the heartbeat timer message. Check with the TIBCO administrator.
SXF6044E	Failed to add Begin Time for: %d:%s cause=%s	Unable to add the Begin Time string to the heartbeat timer message. Check with the TIBCO administrator.
SXF6045E	Failed to add NumMsgs for: %d:%s cause=%s	Unable to add the NumMsgs string to the heartbeat timer message. Check with the TIBCO administrator.
SXF6046E	Failed to add BlockNum for: %d:%s cause=%s	Unable to add the BlockNum string to the heartbeat timer message. Check with the TIBCO administrator.
SXF6047E	Failed to add LineNum for: %d:%s cause=%s	Unable to add the LineNum string to the heartbeat timer message. Check with the TIBCO administrator.
SXF6048E	Aborting heartbeat message publish	Too many previous AddMessage errors forced the FileSubscriber to abandon sending a heartbeat timer message. Check with the TIBCO administrator.
SXF6049E	Failed to set Heartbeat send Subject/Destination: %s cause=%s	An error was returned when the Adapter attempted to set the subject/destination name in a Heartbeat message to be published. Ensure that a valid subject/destination name is specified in the configuration file.

Number	Message	Description
SXF6050E	Failed to destroy message.	Unable to destroy a published heartbeat message. Make sure that TIBCO EMS/Rendezvous is available.
SXF6051E	Failed to create error message: cause=%s	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF6052E	Failed to add [%s] to error message: %s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF6053E	Failed to set error send Subject/Destination: %s cause=%s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF6054E	Failed to send error message: cause=<%s> Subject/Destination=%s	File Adapter was unable to send a message to the network. The %s cause details why. It may indicate a network or RV daemon problem.
SXF6055E	Failed to destroy error message: reason=%s	File Adapter encountered an error when destroying. If it persists, contact TIBCO technical support.
SXF6056E	Config file not found in PARM= and no INIFILE DD. Will use default config filename <%s> instead.	No configuration file was specified in the startup JCL or STC procedure library. This is probably an error by the operator. Double-check that you really want to use the default configuration file.
SXF6057E	Failed to get hostname from system. Error code returned by 'gethostname' is = %d	Unable to extract the host name being used by TCPIP. Probably indicates that TCP/IP is not up or not functioning.

Number	Message	Description
SXF6058E	Could not find a usable Sockets DLL	A missing TCP Steplib entry is causing problems.
SXF6059E	Failed to get hostname from system. Error code returned by 'gethostname' is = %d	Unable to extract the host name being used by TCPIP. Probably indicates that TCP/IP is not up or not functioning.
SXF6060E	setenv for EDC_ZERO_RECLEN Failed: %d %s. VB TEXT files exposed	A OMVS setenv() was issued to allow proper operation of VB files, and it failed due to the reason specified in %s. Review this issue with the MVS systems programmer. It probably indicates an OMVS configuration or authorization problem.
SXF6061E	Unable to open security mapping file: %s cause=%d %s.	The security mapping file may be mis-named or under RACF protection.
SXF6062E	Security mapping file %s has invalid data: Line=%d <%s>	There is an error in the security mapping file. Verify that the configuration file is coded properly.
SXF6063E	GETMAIN failed while processing Security mapping file %s at Line=%d	An attempt to allocate memory failed. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF6065E	Failed to create the Default Data RV queue-- reason: %s	TIBCO EMS/Rendezvous may be unavailable or may not be active. Check with your TIBCO administrator.
SXF6066E	Failed to set the RV limit policy-- reason: %s	TIBCO EMS/Rendezvous may be unavailable or may not be active. Check with your TIBCO administrator.
SXF6067E	Failed to subscribe to Subject/Destination <%s> reason: %s	TIBCO EMS/Rendezvous may be unavailable or may not be active. Check with your TIBCO administrator.
SXF6068E	Failed to create the Priority Admin RV queue-- reason: %s	TIBCO EMS/Rendezvous may be unavailable or may not be active. Check with your TIBCO administrator.

SXF7000 – SXF7999

Number	Message	Description
SXF7001E	<%s> TEXT fopen failed. cause=%d: %s	The open of a TEXT file failed. The cause contains the reason for the failure.
SXF7002E	<%s> fclose failed. cause=%d: %s	The close of a file failed. The cause contains the reason for the failure.
SXF7003E	<%s> BINARY fopen failed. cause=%d: %s	The open of a BINARY file failed. The cause contains the reason for the failure.
SXF7004E	<%s> fclose failed. cause=%d: %s	The close of a file failed. The cause contains the reason for the failure.
SXF7005E	<%s> Generating file <%s> due to loss of data	A target file is being generated, but data has been lost or truncated. This indicates either a B37/D37 out of space error, or a configuration (incorrect file size) error.
SXF7006E	<%s> Exiting because of file save error. Deleted PRP and PRG	A target file could not be properly saved and closed. The File Adapter was configured to shutdown in such a case.
SXF7026E	<%s> close failed during trailer append. errno=%d errtext=%s	The close of a file failed after file trailer data was added. The cause contains the reason for the failure.
SXF7032E	<%s> close failed during header append. errno=%d errtext=%s	The close of a file failed after file header data was added. The cause contains the reason for the failure.
SXF7035W	<%s> Recovery mode: Generating error file=<%s> due to %s	The File Adapter is performing recovery after a shutdown or crash, and is generating an ERR file because of an error encountered.
SXF7036W	<%s> File transfer: Generating error file=<%s> due to %s	The File Adapter is was generating a file but received an error, so it is converting it to an ERR file.
SXF7041W	<%s> remove of PREV file failed because PREV file does not exist. errno=%d errtext=%s	A file type was configured to REPLACE an existing file, but there was a problem with the old file it was replacing, as described in the errtext portion.

Number	Message	Description
SXF7042W	<%s> remove of PREV file failed. errno=%d errtext=%s	A file type was configured to REPLACE an existing file, but there was a problem with the old file it was replacing, as described in the errtext portion.
SXF7045W	<%s> GDG dataset=<%s> close failed. errno=%d errtext=%s	The close of a GDG file failed. The errtext contains the reason for the failure.
SXF7048W	GDG data set <%s> close failed. errno=%d errtext=%s	The close of a GDG file failed. The errtext contains the reason for the failure.
SXF7067W	<%s> GDG fclose failed during recovery. cause=%d: %s	The close of a file failed. The cause contains the reason for the failure.
SXF7068E	<%s> Recovery GDG fopen failed using file=<%s> mode=<%s>.\n cause=%d: %s	The close of a file failed. The cause contains the reason for the failure.
SXF7069E	<%s> Recovery SEQ fopen failed using file=<%s> mode='r'. cause=%d: %s	The close of a file failed. The cause contains the reason for the failure.
SXF7070W	<%s> SEQ fclose failed during recovery. cause=%d: %s	The close of a file failed during Recovery/Restart processing. The cause contains the reason for the failure.
SXF7088W	<%s> Truncating TEXT data - discarded %d bytes. expectnl=%d	The data received for a FileType exceeds the max length configured for the File Type. The data has been truncated.
SXF7089W	<%s> Truncating TEXT data - discarded %d bytes. expectnl=%d	The data received for a FileType exceeds the max length configured for the File Type. The data has been truncated.
SXF7102W	Retry timer pop: retry # %d trying to move .CWK to target file=<%s>. (timer interval=%d secs)	A target file is temporarily locked by another job. This indicates when the File Adapter attempts to again try to see if the file is now free.
SXF7103E	Move operation could not remove file <%s>. Deleting PRP and PRG	Could not remove the specified file. The transfer is being aborted. See the previous error message in the trace log for the cause of the problem.

Number	Message	Description
SXF7104W	<%s> ### Continuing to accept data in working file	New data has been received into the CWK file after a previous error (e.g. failed Generate). The File Adapter will continue to try to process the incoming data.
SXF7106W	<%s> Retry limit=<%d> for Target File Locked <%s> has been reached. Deleting PRP and PRG files too.	A target file that was temporarily locked by another job has exceeded its max retry limit. The received new file data will be converted to an ERR file.
SXF7107E	<%s> Exiting because of file save error	A target file could not be properly saved and closed. The File Adapter was configured to shutdown in such a case.
SXF7108W	<%s> ### Continuing to accept data in working file	New data has been received into the CWK file after a previous error (e.g. failed Generate). The File Adapter will continue to try to process the incoming data.
SXF7117W	Parse error: bad variable name <%s>	Encountered an invalid variable name. Correct identified invalid variable name in the configuration file.
SXF7118W	Parse error: missing end of variable	The configuration parser program was unable to properly parse a variable. Check the configuration file for adding header or trailer records. These must be framed with '%'.
SXF7119W	<%s> Move operation could not remove workfile: cause=%d: %s. Caller=%s	Could not remove the specified file. The transfer is being aborted. The cause contains the reason for the error.
SXF7120W	Failed to convert time value, using current time	Unable to convert a TIME value from a received message, and it will use the current system time for the TIME field in an output record. Check the configuration file to ensure that the field identified contains a TIME value.
SXF7121W	Failed to extract nested msg. field <%s>	Unable to construct the subject/destination from the message node. Check the configuration file for this message.

Number	Message	Description
SXF7122W	Failed to extract field <%s> to form Subject/Destination name	Unable to construct the subject/destination from the field data. Check the configuration file for this message.
SXF7123W	Failed to write data from file <%s> - wrote %d out of %d	A file write failed. It is usually due to a B37/D37 out of space error. See the previous error message in the trace log for the exact cause.
SXF7124W	Move operation could not remove file <%s>	Could not remove the specified file. The transfer is being aborted. See the previous error message in the trace log for the cause of the problem.
SXF7125W	Move operation could not remove file <%s>	Could not remove the specified file. The transfer is being aborted. See the previous error message in the trace log for the cause of the problem.
SXF7126W	<%s> Block number %d arrived before IFACTIVE_REPLY Ack, Discarding the block.	A timing race occurred between Block Mode ECM Publisher and Subscriber at startup. The message block will be discarded and re-transmitted once the startup handshake sequence is complete.
SXF7127W	<%s> Dup Block number %d matches previous block (%d), skipping write for workfile	FileSubscriber has received a block of data that has already been received. The block is ignored.
SXF7128W	<%s> Block number %d is not next in sequence. Expected blk=%d	FileSubscriber received a block of data out of order.
SXF7129W	<%s> TEXT file write fixed width Field failed for workfile	A file write failed. It is usually due to a B37/D37 out of space error. See the previous error message in the trace log for the exact cause.
SXF7130W	<%s> TEXT file write padded Field Value failed	A file write failed. It is usually due to a B37/D37 out of space error. See the previous error message in the trace log for the exact cause.

Number	Message	Description
SXF7131W	Failed to convert time value, using current time	Unable to convert a TIME value from a received message, and it will use the current system time for the TIME field in an output record. Check the configuration file to ensure that the field identified contains a TIME value.
SXF7132W	<%s> Workfile not removed. Will be renamed to .ERR	Source file is retained while moving a file. It is possible that the source file was in use by another process when the Adapter attempted to move the file. Remove the source file if it is not needed.
SXF7133W	<%s> Move operation could not remove workfile: cause=%d: %s	Source file is retained while moving a file. It is possible that the source file was in use by another process when the Adapter attempted to move the file. Remove the source file if it is not needed.
SXF7134W	<%s> Move operation could not remove workfile: cause=%d: %s	Source file was in use by another process when the Adapter attempted to remove the file
SXF7135W	<%s> Timer: Move operation could not remove workfile. Deleting PRP and PRG	Source file was in use by another process when the Adapter attempted to remove the file
SXF7136W	Received badly formatted message	A message was received that does not match the configuration file. The configuration file/field specification for a received message does not correspond to the message received. Correct the file/field specification for the subject/destination being subscribed to, or check the source that published the message.
SXF7137W	Received badly formatted message	A message was received that does not match the configuration file. The configuration file/field specification for a received message does not correspond to the message received. Correct the file/field specification for the subject/destination being subscribed to, or check the source that published the message.

Number	Message	Description
SXF7138E	Failed to unsubscribe to Subject/Destination <%s>: cause=%s	During shutdown, the FileSubscriber was unable to terminate the subscription to a Subject. The cause %s specifies what the problem was
SXF7139E	Failed to unsubscribe to Subject/Destination <%s>: cause=%s	During shutdown, the FileSubscriber was unable to terminate the subscription to a Subject. The cause %s specifies what the problem was
SXF7140E	Failed to unsubscribe to Subject/Destination <%s>: cause=%s	During shutdown, the FileSubscriber was unable to terminate the subscription to a Subject. The cause %s specifies what the problem was
SXF7141E	Failed to unsubscribe to Subject/Destination <%s>: cause=%s	During shutdown, the FileSubscriber was unable to terminate the subscription to a Subject. The cause %s specifies what the problem was
SXF7142E	Retry Timer removal failed: cause=%s	During shutdown, the FileSubscriber was unable to terminate the RV or EMS. The cause %s specifies what the problem was
SXF7143E	Vsam LOG write failed. Abending File Adapter	The write operation on the log file has failed and the Adapter is abending. This happens when the vsamUseLog parameter is set to "StopOnFull".
SXF7144E	Vsam LOG write failed on <%s>. Abending File Adapter	Writing to the log failed; the Adapter abends.
SXF7145E	<%s> reached B37/E37 file out of space. Terminating processing for that file	The VSAM file has reached an out of space condition. Any subsequent data destined for that file is rejected and discarded.
SXF7146E	<%s> reached B37/E37 file out of space. Terminating processing for that file	The VSAM file has reached an out of space condition. Any subsequent data destined for that file is rejected and discarded.

Number	Message	Description
SXF7147E	%s Data set type (PDS) is not supported in this application	The data set supported for this application must not be PDS. PDS data sets cannot be used for FileSubscriber, you must use either SEQ or GDG data sets. Change the data set type to SEQ or GDG.
SXF7148E	Confirm Message create RVMsg failed	Unable to allocate memory to create a new message. Report this error to your TIBCO administrator.
SXF7149E	Compression block Memory reallocation failed. Length=%d	An attempt to re-allocate memory failed. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF7150E	<%s> Error in sending RVCM message: cause=%s Subject/Destination=%s	An error occurred when sending an RVCM message. The Adapter may not be active. Contact your TIBCO administrator.
SXF7151E	<%s> Error in sending message: cause=%s	An error occurred when sending a message. The Adapter may not be active. Contact your TIBCO administrator.
SXF7152E	NULL FileHandler in retry timer callback	This is an internal error. Contact TIBCO technical support.
SXF7153E	Unable to extract CM message seqnum: %s	This is an internal error. Contact TIBCO technical support.
SXF7154E	Unable to extract publisher name: %s	This is an internal error. Contact TIBCO technical support.
SXF7155E	Failed to subscribe to Subject/Destination <%s>: cause=%s	Unable to create a listener. TIBCO EMS/Rendezvous may be unavailable. Check with your TIBCO administrator.
SXF7156E	Failed to subscribe to Subject/Destination <%s>: cause=%s	Unable to create a listener. TIBCO EMS/Rendezvous may be unavailable. Check with your TIBCO administrator.
SXF7157E	Failed to subscribe to Subject/Destination <%s>: cause=%s	Unable to create a listener. TIBCO EMS/Rendezvous may be unavailable. Check with your TIBCO administrator.

Number	Message	Description
SXF7158E	Failed to subscribe to Subject/Destination <%s>: cause=%s	Unable to create a listener. TIBCO EMS/Rendezvous may be unavailable. Check with your TIBCO administrator.
SXF7159E	<%s> Error moving workfile to target file=%s. Reason=%s. erron=%d file_rc=%d secur_rc=%d append=%d eof=%d	A target file could not be properly saved and closed. The reason code describes what the problem was.
SXF7160E	<%s> File open failed for workfile using mode '%s'. errno=%d R15=%d Reason Fdbk=%d op=%d ab_sys=0x%X ab_rc=0x%X	A CWK work file could not be opened. The reason code describes what the problem was.
SXF7161E	<%s> File was empty, now has data. Will re-open in non-LOAD mode	A VSAM data transfer encountered a target file that was completely empty. The File Adapter will re-open the file and treat the transfer as an initial LOAD of the VSAM file.
SXF7162E	<%s> Can not open file because RLS function is inactive. SMSVSAM not up	A shared VSAM file could not be processed, because the MVS RLS function is not active. Contact your MVS systems programmer.
SXF7163E	<%s> Can not open file because trying to output to a Recoverable Sphere	A shared VSAM file could not be processed because it was defined as being recoverable. Contact your MVS systems programmer.
SXF7164E	<%s> Can not open file because RLS requires SMS files.File is not SMS managed	A shared VSAM file could not be processed, because it was not defined as SMS managed. Contact your MVS systems programmer.
SXF7165E	<%s> Can not open file because RLS detected DISP=SHR vs DISP=OLD conflict	A shared VSAM file could not be processed, because of conflicting DISP attributes. Contact your MVS systems programmer.
SXF7166E	<%s> Can not open file because OPEN flag still set on from previous run or another App is trying to share the file.	A VSAM file could not be opened because it's file flag is set indicating that it was not properly closed from a previous job. Contact your MVS systems programmer.
SXF7167E	<%s> Failed to open workfile: errno=%d err text=%s	The open of a file failed. The errtext contains the reason for the failure.

Number	Message	Description
SXF7168E	<%s> Failed to malloc TEXT LRECL buffer of length=%d	An out of memory error was reported by MVS. Raise the Job Limits (REGION size) to provide more memory for the FileAdapter to run.
SXF7169E	File open failed for LOG file <%s> using mode '%s'. errno=%d R15=%d Fdbk=%d op=%d ab_sys=0x%X ab_rc=0x%X\n errno text=%s	The open of a FileAdapter VSAM LOG file failed. The errno text contains the reason for the failure.
SXF7170E	<%s> Failed to open Progress file: <%s> errno=%d errtext=%s	The open of a FileAdapter PRG progress file failed. The errtext contains the reason for the failure.
SXF7171E	<%s> the JCL <%s> execution failed. cause=%s	The JCL specified for executeAfterProcess or executeBeforeProcess did not execute properly. Check the JCL specified, and ensure that it can execute properly.
SXF7172E	<%s> Command <%s> returned error rc=%d	The JCL specified for executeAfterProcess or executeBeforeProcess did not execute properly. Check the JCL specified, and ensure that it can execute properly.
SXF7173E	<%s> the JCL <%s> execution failed. cause=%s	The JCL specified for executeAfterProcess or executeBeforeProcess did not execute properly. Check the JCL specified, and ensure that it can execute properly.
SXF7174E	<%s> Command <%s> returned error rc=%d	The command identified did not complete successfully. Check the command specified for executeBeforeProcess or executeAfterProcess and ensure that the commands are valid.
SXF7175E	<%s> Error saving next GDG generation number for GDG=<%s>	Creation of a new target GDG file failed. See the previous error message in the trace log for the cause of the error.
SXF7176E	<%s> Error freeing GDG file, error=%s	The free/deallocate of a GDG file failed. See the previous error message in the trace log for the cause of the error.

Number	Message	Description
SXF7177E	<%s> Error deallocating GDG=<%s>\n reason: %s	Unable to deallocate a dynamically allocated GDG file. Either the target data set is not available or is invalid. Provide a valid data set name in the configuration file. You must have the proper authority to create or modify data sets.
SXF7178E	<%s> Error moving workfile to GDG target file=%s	Unable to move a file. Either the target data set is not available or is invalid. Provide a valid data set name in the configuration file.
SXF7179E	<%s> Error creating GDG file=<%s>, error=%s	File subscriber attempted to create a GDG file for output, but the file create failed. You must have the proper authority to create or modify data sets.
SXF7180E	<%s> Error moving workfile to target file=%s	Unable to move a file. Either the target data set is not available or is invalid. Provide a valid data set name in the configuration file.
SXF7181E	<%s> Error moving workfile to target file=%s	Unable to move a file. Either the target data set is not available or is invalid. Provide a valid data set name in the configuration file.
SXF7182E	<%s> Error moving workfile to target file=%s	Unable to move a file. Either the target data set is not available or is invalid. Provide a valid data set name in the configuration file.
SXF7183E	<%s> Failed to close .PRG file=%s, aborting genOutFile	Unable to close the progress file. Check the process directory. The file may be corrupted.
SXF7184E	<%s> Failed to remove .PRG file=%s, aborting genOutFile	Unable to remove the progress file. Check the process directory. The file may be corrupted or not properly cataloged.
SXF7185E	<%s> Failed to remove .PRG file=%s, aborting genOutFile	Unable to remove the progress file. Check the process directory. The file may be corrupted or not properly cataloged.
SXF7186E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file and ensure that the configuration file matches the received message.

Number	Message	Description
SXF7187E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file and ensure that the configuration file matches the received message.
SXF7188E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file and be certain that the configuration file matches the received message.
SXF7189E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file and ensure that the configuration file matches the received message.
SXF7190E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file and ensure that the configuration file matches the received message.
SXF7191E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file and ensure that the configuration file matches the received message.
SXF7192E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file and ensure that the configuration file matches the received message.
SXF7193E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file and be certain that the configuration file matches the received message.
SXF7194E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file and ensure that the configuration file matches the received message.

Number	Message	Description
SXF7195E	<%s> default Type mismatch while retrieving value: %s, pf_type: %d	The field type received does not match the expected data type that was configured. Correct the configuration file and ensure that the configuration file matches the received message.
SXF7196E	<%s> Failed to get RV field: cause=%s	Unable to extract a requested field from the message node. Check the configuration file for this message to ensure the fields in the message are correctly specified.
SXF7197E	Log Write <%s> failed: errno=%d last_op=%d ab_syscode=0x%X ab_rc=%d err text=%s	The write operation to the log file has failed. This message gives the error codes and the text message of the error codes.
SXF7198E	LOG file <%s> reached B37/E37 end of File. Wrapping to Begin of file.	The log file is complete and the vsamUseLog parameter is not set. After this message, the Adapter starts writing in the log from the beginning.
SXF7199E	<%s> Output file failed: errno=%d last_op=%d R15=%d Fdbk=%d ab_syscode=0x%X ab_rc=%d\n svc99 inf=%d err=%d err text=%s	The write operation to the target file has failed. This message gives the error codes and the text message of the error codes.
SXF7200E	<%s> Text File Write failed: errno=%d err text=%s	The write operation to the TEXT file has failed. This message gives the error codes and the text message of the error codes.
SXF7201E	<%s> Binary File Write failed: errno=%d last_op=%d ab_syscode=0x%X ab_rc=%d\n err text=%s	The write operation to the BINARY file has failed. This message gives the error codes and the text message of the error codes.
SXF7202E	VSAM key flocate failed for file %s. Record rejected R15=%d Fdbk=%d err=%s	Unable to find the record in the output file to update the record.

Number	Message	Description
SXF7203E	VSAM key flocate failed because no such record (not found)	The subscriber received a record for a VSAM file operating in replace mode, and there is no corresponding record on the subscriber. The incoming record from the publisher is discarded. Verify that two VSAM systems are in sync with each other when using record level replacement.
SXF7204E	<%s> Failed to open Work file. cause=%d: %s	Unable to open a CWK work file. It usually indicates an out of space B37/D37 problem, or a RACF authorization problem. The cause contains the exact cause of the error.
SXF7205E	<%s> Failed to open Work file. cause=%d: %s	Unable to open a CWK work file. It usually indicates an out of space B37/D37 problem, or a RACF authorization problem. The cause contains the exact cause of the error.
SXF7206E	<%s> Failed to close .PRG file=%s, aborting recovery	A close on a Progress PRG file being used failed. Save the %s reason code and discuss the issue with the MVS Systems programmer.
SXF7207E	<%s> Failed to malloc TEXT LRECL buffer of length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF7208E	<%s> Unable to open .PRP file=%s, aborting recovery	Unable to open a CWK work file. It usually indicates an out of space B37/D37 problem, or a RACF authorization problem. The cause contains the exact cause of the error.
SXF7209E	<%s> Failed to read data in PRP file, aborting recovery	Unable to read data cached in the partial record file. Check the process directory. The file may be corrupted.
SXF7210E	<%s> Failed to read data in progress file, aborting recovery	Unable to read the progress file. Check the process directory. The file may be corrupted.
SXF7211E	<%s> Failed to remove .PRG file=%s, aborting recovery	Unable to remove a file. Either the target data set is not available or is invalid. Report this error to your TIBCO administrator.
SXF7212E	<%s> Failed to recover Work file=<%s>. fopen with Append failed. Cause=%d: %s	Unable to recover a work file. The file may be corrupted. Contact the TIBCO administrator.

Number	Message	Description
SXF7213E	<%s> Failed to mallet TEXT LRECL buffer of length=%d	Unable to allocate memory. Report error to your TIBCO administrator.
SXF7214E	<%s> No hostname supplied on message with Security check	Security is turned on for the Adapter, but an incoming message did not have a Publisher host name associated with it. The request is discarded. Verify that the Publisher is set up to automatically send the Publisher's host name to the Subscriber.
SXF7215E	<%s> No User Id supplied on message with Security check	Security is turned on for the Adapter, but an incoming message did not have a User Id associated with it. The request is discarded. Verify that the Publisher is setup to automatically send the UserId to the Subscriber.
SXF7216E	<%s> Failed to extract checksum from end-of-file message	Invalid configuration was specified.
SXF7217E	Failed to write data from file <%s> - wrote %d out of %d	Could not add the data to the file, probably due to an out of space issue. Check the system log for related space problems.
SXF7218E	<%s> Failed to retrieve sequence/block_id number from ECM msg. cause=%s on Subject/Destination=<%s>. field=%s	Unable to retrieve a block number from a block transfer file. Ensure that the file being subscriber to is being published in block mode.
SXF7219E	<%s> Failed to GUID from msg. cause=%s	Unable to retrieve unique GUID from a block transfer file. Ensure that the file being subscriber to is being published in block transfer mode.
SXF7220E	<%s> Failed to retrieve block DATA for block # %d for workfile. cause=%s	Unable to retrieve data element from a block transfer file. Ensure that the file being subscriber to is being published in block transfer mode.
SXF7221E	<%s> Write Failed for block num=%d on workfile. cause=%d: %s	Could not add the new block of data to the file, probably due to an out of space issue. Check the system log for related space problems.

Number	Message	Description
SXF7222E	<%s> TEXT file write delimiter %s failed for workfile	Could not add the delimiter data to the file, probably due to an out of space issue. Check the system log for related space problems.
SXF7223E	<%s> Failed to retrieve field <%s> from message for workfile	Unable to retrieve field, possible configuration mismatch. Check the configuration file, and ensure that it matches the received message
SXF7224E	<%s> TEXT file write of delimited Value <%s> failed	Could not add the delimited value data to the file, probably due to an out of space issue. Check the system log for related space problems.
SXF7225E	<%s> TEXT file write of trail padding <%s> failed	Could not add the padding data to the file, probably due to an out of space issue. Check the system log for related space problems.
SXF7226E	<%s> Failed to retrieve field <%s> from message for workfile	Unable to retrieve field, possible configuration mismatch. Check the configuration file, and ensure that it matches the received message.
SXF7227E	<%s> TEXT file write fixed width Field <%s> failed	Could not add the value data to the file, probably due to an out of space issue. Check the system log for related space problems.
SXF7228E	<%s> TEXT file write padded Field Value failed: <%s>	Could not add the value data to the file, probably due to an out of space issue. Check the system log for related space problems.
SXF7229E	<%s> TEXT file fflush failed	MVS signalled some sort of I/O error. Check previous message in trace log for more details on the cause.
SXF7230E	<%s> Failed to retrieve embedded VSAM RRN field from message for file	Failed to retrieve field, possible configuration mismatch. Check the configuration file, and ensure that it matches a corresponding VSAM file at the publisher side.
SXF7231E	<%s> Failed to retrieve field <%s> from message for workfile	Failed to retrieve field, possible configuration mismatch on the message definition. Check the configuration file, and ensure that it matches the received message.

Number	Message	Description
SXF7232E	<%s> Data type or Data content error on field <%s>	Data value retrieved from file is invalid. Possible configuration mismatch on the message definition.
SXF7233E	<%s> Failed to retrieve field <%s> from message for workfile	Failed to retrieve field, possible configuration mismatch. Check the configuration file, and ensure that it matches the received message.
SXF7234E	<%s> BINARY file write failed <%s>	The write operation to the BINARY file has failed. This message gives the error codes and the text message of the error codes.
SXF7235E	<%s> BINARY file write failed details: errno=%d R15=%d Fdbk=%d op=%d ab_sys=0x%X ab_rc=0x%X\n errno text=%s	The write operation to the BINARY file has failed. This message gives the error codes and the text message of the error codes.
SXF7236E	<%s> File write failed because duplicate record RRN or key already exists	The write operation to a VSAM RRDS file has failed. This message gives the error codes and the text message of the error codes.
SXF7237E	<%s> Probably due to ALTINDEX Key mis-match (rcvd key != existing key)	The write operation to the VSAM KSDS file has failed. This message gives the error codes and the text message of the error codes.
SXF7238E	<%s> Write Failed for block num=%d on workfile for %d TEXT records of max %d bytes each. Error=%d: %s	The write operation to the TEXT file has failed. This message gives the error codes and the text message of the error codes.
SXF7239E	<%s> Unable to open .PRP file=%s, data exposure if crash	The open for a TEXT file's partial data buffer file has failed. This message gives the error codes and the text message of the error codes.
SXF7240E	<%s> Unable to write to .PRP file=%s, data exposure if crash	The write operation to the TEXT file partial data buffer file has failed. This message gives the error codes and the text message of the error codes.

Number	Message	Description
SXF7241E	<%s> Failed to initialize Confirm message	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF7242E	<%s> Failed to append Block Num to Confirm message	Unable to add the BlockNumber field to an ECM Confirm message. Make sure that TIBCO EMS/Rendezvous is available.
SXF7243E	<%s> Failed to append Status to Confirm message	Unable to add the Status field to an ECM Confirm message. Make that TIBCO EMS/Rendezvous is available.
SXF7244E	<%s> Failed to append Subscriber Name to Confirm message	Unable to add the Subscriber Name field to an ECM Confirm message. Make sure that TIBCO EMS/Rendezvous is available.
SXF7245E	<%s> Failed to append GUID to Confirm message	Unable to add the GUID field to an ECM Confirm message. Make sure that TIBCO EMS/Rendezvous is available.
SXF7246E	<%s> Failed to append Version to Confirm message	Unable to add the BlockNumber field to an ECM Confirm message. Make sure that TIBCO EMS/Rendezvous is available.
SXF7247E	<%s> Failed to set RVCM send target: cause=%s Subject/Destination=%s	An error was returned when the Adapter attempted to publish a message. Ensure that a valid subject/destination name is specified in the configuration file.
SXF7248E	<%s> Failed to set time limit for certified message: %s	Unable to set a time limit for a certified message. Check that TIBCO EMS/Rendezvous is available and operating properly.
SXF7249E	<%s> Error in sending RVCM message: cause=%s Subject/Destination=%s	An error occurred when sending an RVCM message. The Adapter may not be active. Contact your TIBCO administrator.
SXF7250E	<%s> Failed to set send target: cause=%s Subject/Destination=%s	An error occurred when sending an RVCM message. The Adapter may not be active. Contact your TIBCO administrator.

Number	Message	Description
SXF7251E	<%s> Error in sending message: cause=%s Subject/Destination=%s	An error occurred when sending an RVCM message. The Adapter may not be active. Contact your TIBCO administrator.
SXF7252E	<%s> Failed to initialize GenFile message: cause=%s	Unable to create a genFilePublish message. Ensure that TIBCO EMS/Rendezvous is available.
SXF7253E	<%s> Failed to add filename to genFilePublish message: cause=%s	Unable to add the filename field to a genFilePublish message. Check the configuration file to ensure that a valid file name was specified. Make sure that TIBCO EMS/Rendezvous is available.
SXF7254E	<%s> Failed to append num of lines to genFilePublish message: cause=%s	Unable to add the number of lines field to a genFilePublish message. Make sure that TIBCO EMS/Rendezvous is available.
SXF7255E	<%s> Failed to append num of messages to genFilePublish message: cause=%s	Unable to add the number of messages field to a genFilePublish message. Make sure that TIBCO EMS/Rendezvous is available.
SXF7256E	<%s> Failed to create Tracking message of length=%d: %s	Unable to create a message. Contact the TIBCO administrator to ensure that TIBCO EMS/Rendezvous is functioning.
SXF7257E	<%s> Failed to add filename to genFilePublish message: cause=%s	An attempt to add a field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF7258E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7259E	<%s> NULL string contents while retrieving value: %s, type: %d	The field type expected a STRING value but the received data contained a NULL instead. Correct the configuration file, and ensure that the configuration file matches the received message.

Number	Message	Description
SXF7260E	<%s> Type mismatch while retrieving value: %s, type: %d	The specified field type does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7261E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7262E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7263E	<%s> Default Type mismatch while retrieving value: %s, from type=%d to type=%d	An attempt was made to retrieve a message, but the message type did not match the configuration file definition. Verify the type of field that was published.
SXF7264E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7265E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7266E	<%s> Type mismatch while retrieving value: %s, type: %d	The field type specified does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7267E	<%s> Unsupported FLOAT conversion of type=%d for %s	The field type specified does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7268E	<%s> Invalid data type flag <%04x> for <%s>	The DataType flag is invalid. Ensure that the field type is valid.

Number	Message	Description
SXF7269E	<%s> Unsupported PACKED conversion of type=%d for %s	The field type specified does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7270E	<%s> String <%s> length is %d. Must be less than 19.	A string field was longer than 19 bytes. If a string field is to be used for numeric conversions, it must be less than 19 bytes.
SXF7271E	<%s> Unsupported ZONED conversion of type=%d for %s	The field type specified does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7272E	<%s> Unsupported COMP/SHORT conversion of type=%d for %s	The field type specified does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7273E	<%s> Unsupported COMP/INTEGER conversion of type=%d for %s	The specified field type does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7274E	<%s> Unsupported COMP/LONGLONG conversion of type=%d for %s	The field type specified does not match the received data. Correct the configuration file, and be certain that the configuration file matches the received message.
SXF7275E	<%s> Unsupported FLOAT conversion of type=%d for %s	The field type specified does not match the received data. Correct the configuration file, and be certain that the configuration file matches the received message.
SXF7276E	<%s> Unsupported DISPLAY/INTEGER conversion of type=%d for %s	The specified field type does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7277E	<%s> Unsupported DISPLAY/UNSIGNED INTEGER conversion of type=%d for %s	The specified field type does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.

Number	Message	Description
SXF7278E	<%s> Unsupported DISPLAY/SHORT conversion of type=%d for %s	The specified field type does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7279E	<%s> Unsupported DISPLAY/UNSIGNED SHORT conversion of type=%d for %s	The specified field type does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7280E	<%s> Unsupported DISPLAY/INTEGER conversion of type=%d for %s	The specified field type does not match the received data. Correct the configuration file, and ensure that the configuration file matches the received message.
SXF7281E	<%s> Error saving current status for workfile, into statfile=%s	A file I/O error occurred. If the problem persists, contact your MVS Systems programmer.
SXF7282E	<%s> Could not malloc I/O buffer for move. cause=%d: %s	Unable to allocate memory. Report error to your TIBCO administrator.
SXF7283E	<%s> Move failed: could not open workfile: cause=%d: %s	The file specified could not be opened. Be sure that FilePublisher has the proper authority.
SXF7284E	<%s> Move failed: could not open target file <%s> cause=%d: %s	The specified file could not be opened. Make sure that FilePublisher has the proper authority.
SXF7285E	<%s> Move failed: could not close workfile: cause=%d: %s	The specified file could not be moved. Make sure that FilePublisher has the proper authority.
SXF7286E	%s	The %s identifies the problem found.
SXF7287E	%s	The %s identifies the problem found.
SXF7288E	<%s> Move failed: Unable to close target file <%s> cause=%d: %s	The specified file could not be moved. Make sure that FilePublisher has the proper authority.
SXF7289E	<%s> Move failed: could not close workfile: cause=%d: %s	The specified file could not be moved. Make sure that FilePublisher has the proper authority.

Number	Message	Description
SXF7290E	<%s> Move failed: could not open workfile. cause=%d: %s	The open operation failed. Check that the target directory is available and that there are no authority problems.
SXF7291E	<%s> Move failed could not open target file <%s> using mode=%s Cause=%d:	The open operation failed. Check that the target directory is available and that there are no authority problems.
SXF7292E	<%s> Move failed: Unable to close workfile: cause=%d: %s	The close operation failed. Check that the target directory is available and that there are no authority problems.
SXF7293E	<%s> Move failed: could not fwrite to target file<%s> Cause=%d: %s	The write operation failed. Check that the target directory is available and that there are no authority problems, and there is sufficient space on the volume.
SXF7294E	<%s> Move failed: could not fprintf to target file <%s> cause=%d: %s	The write operation failed. Check that the target directory is available and that there are no authority problems, and there is sufficient space on the volume.
SXF7295E	<%s> Move failed: could not write to target file <%s> Cause=%d: %s	The write operation failed. Check that the target directory is available and that there are no authority problems, and there is sufficient space on the volume.
SXF7296E	<%s> Move failed: Unable to close target file <%s> cause=%d: %s	The close operation failed. Check that the target directory is available and that there are no authority problems.
SXF7297E	<%s> Move failed: Unable to close workfile: cause=%d: %s	The close operation failed. Check that the target directory is available and that there are no authority problems.
SXF7298E	<%s> Error freeing GDG=<%s>: reason=%s	The GDG Deallocate operation failed. Check that the target directory is available and that there are no authority problems.
SXF7299E	<%s> Error moving working file to <%s>. Retry limit %d reached.	The target file was still locked out (in use by another job), after the max retry limit has been reached. The incoming file is converted to an ERR file, and trying to update the target file will be abandoned.

Number	Message	Description
SXF7300E	<%s> Failed to retrieve sequence/block_id number from msg. cause=%s on Subject/Destination=%s	An attempt to retrieve a field to an RV message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF7301E	<%s>: Failed to extract Hostname from end-of-file message	An attempt to retrieve a field to an RV message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF7302E	<%s>: Failed to extract UserId from end-of-file message	An attempt to retrieve a field to an RV message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF7303E	<%s> Error saving STERR num error status file=%s	A file write failed. It is usually due to a B37/D37 out of space error. See the previous error message in the trace log for the exact cause.
SXF7304E	<%s> VSAM fupdate failed for file. EOF returned.	A VSAM file update failed. It is usually due to a B37/D37 out of space error. See the previous error message in the trace log for the exact cause.
SXF7305E	<%s> VSAM fread for update failed for file.\n R15=%d Fdbk=%d op=%d ab_sys=0x%X ab_rc=0x%X\n errno=%d errno text=%s	The read of a VSAM file failed. The cause contains the reason for the failure.
SXF7306E	<%s> VSAM update failed for file. R15=%d Fdbk=%d op=%d ab_sys=0x%X ab_rc=0x%X\n errno=%d errno text=%s	A VSAM file update failed. It is usually due to a B37/D37 out of space error. The cause contains the reason for the failure.

Number	Message	Description
SXF7307E	<%s> User=<%s> (Pub Id=%s) is not allowed WRITE access to target File=<%s>.	Security checking was requested, and the MVS security facility indicated the incoming File Transfer request from the specified user, was not allowed access to publish that file. Contact your security people, to determine why the user is not authorized to write to that file.
SXF7309E	<%s> Recovery for GDG file failed probably because Ops deleted CWK work file=%s. Progress file is being reset and recovery for that file has been abandoned. cause=%d: %s	Unable to recover a work file being used to update a GDG file. The file may be corrupted or may have been deleted. Contact the TIBCO administrator.
SXF7310E	<%s> Recovery for SEQ file failed probably because Ops deleted CWK work file=%s. Progress file is being reset and recovery for that file has been abandoned. cause=%d: %s	Unable to recover a work file being used to update a Sequential file. The file may be corrupted or may have been deleted. Contact the TIBCO administrator.
SXF7313W	FileType=<%s> Resetting PRG file %s to #NONE#	Denotes that a file transfer is complete, and that the file type is being reset.
SXF7315E	<%s> There is an error in the configuration for this FileType. Cannot create the subscriber %s	Unable to create a listener for a subscriber because of errors previously reported in the configuration processing phase. Check the trace log to determine the problem in the configuration file and correct it.
SXF7316E	<%s> UserId=<%s> from node=%s was not found in Security Mapping Table. Request to update Subscriber file was rejected. Block# %d	Security checking was requested, and the MVS security facility indicated the incoming File Transfer request from the specified user, was not allowed access to publish that file. Contact your security people, to determine why the user is not authorized to write to that file.
SXF7317W	FileType=<%s> Deleting PRG file	Denotes that a file transfer is complete, and that the PRG file for that file type is being deleted.

Number	Message	Description
SXF7318W	File Type <%s> Error encountered. Closing all .CWK, .PRG, and .PRP files	A severe I/O error occurred when processing a incoming file transfer. See the previous message in the trace log for the cause of the problem
SXF7319E	<%s> Rename of workfile %s to .ERR error file %s failed for %.16s. Reason=%d: %s	The rename operation failed. Check that the target directory is available and that there are no authority problems.
SXF7320E	<%s> Got I/O error on .PRG file=%s. Reason=%d: %s	A file write failed on a PRG progress file. It is usually due to a B37/D37 out of space error. See the previous error message in the trace log for the exact cause.
SXF7324W	<%s> Error removing GDG file=<%s>. Reason=%d: %s	Unable to remove a file. Either the target data set is not available or it is invalid. Provide a valid data set name in the configuration file.
SXF7328E	<%s> Failed to retrieve sequence/block_id number from Record ECM msg. cause=%s on Subject/Destination=<%s>. useNT=%d	An attempt to retrieve a field to an RV message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF7329E	<%s> Rename of workfile %s to target file %s failed. Reason=%d: %s	The specified file could not be renamed. Be sure that FilePublisher has the proper authority.
SXF7331E	<%s> User=<%s> (Pub Id %s) is not allowed WRITE access to target File=<%s>. Rejected. RC=%d racf_rc=%d subcode=0x%x VOLSER=<%s> %s	A file is being written and RACF has flagged an error (e.g. the FileAdapter user does not have ALTER/Update authority to that dataset.). Contact your RACF systems programmer.
SXF7332E	<%s> User=<%s> (Pub Id %s) is not allowed ALTER access to work file=<%s>. Rejected. RC=%d racf_rc=%d subcode=0x%x VOLSER=<%s> %s	A file is being written and RACF has flagged an error (e.g. the FileAdapter user does not have ALTER/Update authority to that dataset.). Contact your RACF systems programmer.

Number	Message	Description
SXF7334E	<%s> Unable to write to target=<%s> and 'File Locked' retry timer failed. cause=%d: %s	A file was locked and the File Adapter was unable to create a retry timer. This usually indicates an out of memory condition, or a failure/crash in the underlying RV support.
SXF7337E	<%s> File open failed because unable to allocate dataset. Dataset is unavailable and/or allocated to another job. SVC99 codes=%d %d	The file is not available. The SVC99 codes contains the reason for the failure.
SXF7340E	<%s> Error writing CWK workfile. GDG target file=<%s> not created. file_rc=%d	A file write failed. It is usually due to a B37/D37 out of space error. The file_rc code gives the cause of the error.
SXF7349E	Error from the Svc99 function <%s>. File=<%s>	An error occurred when dynamically opening a file. The first %s denotes what the error was. Save this message and consult with your MVS programmer.
SXF7350E	Svc99 error: Duplicate Dataset Name=%s already exists on the system	This normally indicates that two different field types are trying to use the same file. This is not allowed.
SXF7351E	Svc99 error: Insufficient space on requested Volumes	A file is being created on a VOLUME that has run out of space.
SXF7352E	Svc99 error: RACF/ACF2 Security problem	A file is being created and RACF has flagged an error (e.g. the Volume is password protected).
SXF7353E	Svc99 error: Cannot put a non-SMS dataset on an SMS volume	A VOLSER has been specified for a file that exists on a SMS managed volume
SXF7354E	Svc99 error: Catalog error - program not authorized to perform operation	A file is being created and RACF has flagged an error (e.g. the Volume is password protected).
SXF7355E	Svc99 error: RACF/ACF2 Security problem (Not Auth) or SMS error	A file is being created and RACF has flagged an error (e.g. the Volume is password protected).

Number	Message	Description
SXF7356E	Svc99 error: File=<%s> already allocated and the tasks' usage attributes of 'a' and 'w' conflict	This normally indicates that two different field types are trying to use the same file. This is not allowed.
SXF7357E	Output File <%s> could not be opened using DD=<%s> mode=<%s> Type_alloc=%s errno=%d %s	The specified file could not be opened. The errno %s specifies the specific cause of the problem.
SXF7358E	Append Output File <%s> might not be currently cataloged on VOLSER=<%s ...>	The VOLSER parameter specified in the INI file may be incorrect for that file. Contact your MVS systems programmer.
SXF7360E	Svc99 error: Invalid file name %s was rejected by Allocate	The FILENAME parameter specified in the INI file were incorrect. Contact your MVS systems programmer.
SXF7361E	Svc99 error: Invalid VolSer list was rejected by Allocate	The VOLSER parameter specified in the INI file were incorrect. Contact your MVS systems programmer.
SXF7362E	Svc99 error: Invalid UNIT name %s was rejected by Allocate	The UNIT parameter specified in the INI file were incorrect. Contact your MVS systems programmer.
SXF7363E	Svc99 error: Invalid length was rejected by Allocate. Probably due to incorrect length on File name, Volser, or Unit	The FILENAME, UNIT, or VOLSER parameters specified in the INI file were incorrect. Contact your MVS systems programmer.
SXF7364E	Svc99 error: UNIT %s and Volser %s are incompatible or missing and were rejected by Allocate	The UNIT and VOLSER parameters specified in the INI file were incompatible for the file being processed. Contact your MVS systems programmer.
SXF7365E	Output File <%s> could not be opened using mode=<%s> errno=%d %s	A file open failed. The errno contains the cause of the error.

Number	Message	Description
SXF7367E	<%s> Failed to create nested EPM Payload message of length=%d: %s	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF7368E	<%s> Unable to read source CWK file <%s> cause=%d: %s	The read operation failed. Check that the CWK workfile directory is available and that there are no authority problems.
SXF7369E	<%s> Unable to read target file <%s> cause=%d: %s	A file read failed. The errno contains the cause of the error.
SXF7370E	<%s> Subscriber I/O error caused File Transfer Abort: %d %s	A file write failed. It is usually due to a B37/D37 out of space error. The Abort code contains the cause of the error. The File Transfer is aborted.
SXF7371E	<%s> ConfBlock - Failed to create message of length=%d: %s	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF7374E	<%s> File open, rename, or append write failed because unable to allocate dataset. Dataset is unavailable and/or allocated to another job. SVC99 codes=%d %d op=%d	A file open or rename failed. The SVC99 codes contains the cause of the error.
SXF7375E	<%s> Discarding Block # %d because of previous ECM I/O Error.	A new block was received after an I/O error was signalled to the Publisher. The block will be discarded.
SXF7376E	<%s> Failed to close .PRG file=%s, aborting renameByCopy. error=%d: %s	A file close failed for a PRG progress file. The errno contains the cause of the error. The file transfer will be aborted.
SXF7377E	<%s> Failed to open Progress file during Lock Retry: <%s> errno=%d errtext=%s	A file open failed during a locked file retry. The errno contains the cause of the error.

Number	Message	Description
SXF7379E	<%s> There is an error in the configuration for this FileType. Will NOT perform the NT ECM Admin handshake for subscriber=%s ----	Check configuration phase error messages from FileAdapter startup and correct the error.
SXF7396	EMS message has been acknowledged.	

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Number	Message	Description
SXF8001E	FileType=<%s>: Subject=<%s> Unable to extract reply_subject back to Publisher	This is a Block Mode ECM internal or recovery type error. Contact TIBCO technical support.
SXF8007E	FileType=<%s>: Subject=<%s> Publisher indicates we are not registered for ECM mode. Flipping out to non-ECM mode.	This normally indicates a configuration mis-match between the Publisher and the Subscriber.
SXF8008W	FileType=<%s>: Subject=<%s> Publisher rejected our VERIFY_IFACTIVE_REQUEST - we are not registered. Issuing SUB_ACTIVATION_REQUEST	This indicates either that the Progress file was deleted at the Publisher, or a configuration mis-match between Publisher and Subscriber.
SXF8010E	FileType=<%s>: Subject=<%s> Publisher rejected our SUB_ACTIVATION_REQUEST	This indicates either that the Progress file was deleted at the Publisher, or a configuration mis-match between Publisher and Subscriber.
SXF8015W	FileType=<%s>: Subject=<%s> Publishing ECM VERIFY_IFREGISTERED_ REQUEST handshake message with SubscriberName=%s using GUID=%s retry#%d	Message indicating that a restart/recovery sequence was performed between Publisher and Subscriber.

Number	Message	Description
SXF8018E	<%s> Listener setup Failed for Admin Request subject <%s> cause=%s	An attempt to create an RV or EMS listener failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8019E	<%s> Listener setup Failed for Admin Reply subject <%s> cause=%s	An attempt to create an RV or EMS listener failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8020E	NULL FileHandler in Admin timer callback	This is a Block Mode ECM internal or recovery type error. Contact TIBCO technical support.
SXF8021E	<%s>: Error on sending RV Admin message: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF8022E	<%s>: Error on sending RV Admin message: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF8023E	<%s>: Error on sending RV Admin message: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF8024E	<%s>: Error on sending RV Admin message: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF8025E	<%s>: Error on sending RV Admin message: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF8026E	<%s>: Error on sending RV Admin message: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.

Number	Message	Description
SXF8027E	<%s>: Error on sending RV Admin message: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF8028E	<%s> Admin Timer creation failed for Subject <%s>: cause=%s	An attempt to create an RV or EMS timer failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8029E	FileType=<%s>: Received unknown ECM Admin config reply. msgtype=%d	This is a Block Mode ECM internal or recovery type error. Contact TIBCO technical support.
SXF8030E	FileType=<%s>: SUB_IS_REG_REPLY = False. Startup Handshake rejected	This normally indicates a configuration mis-match between the Publisher and the Subscriber.
SXF8031E	FileType=<%s>: Received unknown ECM Admin config reply. msgtype=%d	This is a Block Mode ECM internal or recovery type error. Contact TIBCO technical support.
SXF8032E	<%s> Failed to create RV Admin message: %s	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8033E	<%s> Failed to append MsgType to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF8034E	<%s> Failed to append MsgId/Guid to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8035E	<%s> Failed to append Version to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8036E	<%s> Failed to append bool flag to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8037E	<%s> Failed to append NumRetries to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8038E	<%s> Failed to set RV Admin send subject: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF8039E	<%s> Failed to set RV Admin reply subject: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO tech support.
SXF8040E	<%s> Failed to send RV Admin msg: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF8041E	<%s> Failed to create RV Admin SUB_ACTIVATION message: %s	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8042E	<%s> Failed to append MsgType to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8043E	<%s> Failed to append MsgId/Guid to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8044E	<%s> Failed to append SubscriberName to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF8045E	<%s> Failed to append Version to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8046E	<%s> Failed to set RV Admin send subject: cause=%s subject=%s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8047E	<%s> Failed to set RV reply subject: cause=%s subject=%s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8048E	<%s> Failed to send RV Admin msg: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF8049E	<%s> Failed to create RV Admin REG_SUB_ALIVE_REPLY message: %s	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8050E	<%s> Failed to append MsgType to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF8051E	<%s> Failed to append MsgId/Guid to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8052E	<%s> Failed to append SubscriberName to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8053E	<%s> Failed to append Version to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8054E	<%s> Failed to set RV Admin send subject: cause=%s subject=%s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8055E	<%s> Failed to set RV reply subject: cause=%s subject=%s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8056E	<%s> Failed to send RV Admin msg: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.

Number	Message	Description
SXF8057E	<%s> Failed to create RV Admin VERIFY_IFACT message: %s	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8058E	<%s> Failed to append MsgType to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8059E	<%s> Failed to append MsgId/Guid to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8060E	<%s> Failed to append SubscriberName to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8061E	<%s> Failed to append Version to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF8062E	<%s> Failed to set RV Admin send subject: cause=%s subject=%s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8063E	<%s> Failed to set RV reply subject: cause=%s subject=%s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8064E	<%s> Failed to send RV Admin msg: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF8065E	<%s> Failed to create RV Admin VERIFY_IFREG message: %s	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8066E	<%s> Failed to append MsgType to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8067E	<%s> Failed to append MsgId/Guid to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF8068E	<%s> Failed to append SubscriberName to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8069E	<%s> Failed to append Version to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8070E	<%s> Failed to set RV Admin send subject: cause=%s subject=%s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8071E	<%s> Failed to set RV reply subject: cause=%s subject=%s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8072E	<%s> Failed to send RV Admin msg: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF8073E	<%s> Failed to create RV Admin VERIFY_IFACTIVE_REPLY message: %s	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF8074E	<%s> Failed to append MsgType to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8075E	<%s> Failed to append Version to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8076E	<%s> Failed to append 'isactive' to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8077E	<%s> Failed to set RV Admin send subject: cause=%s subject=%s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8078E	<%s> Failed to send RV Admin msg: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.
SXF8079E	<%s> Failed to create RV Admin SUB_ACTIVATION_REPLY message: %s	An attempt to create an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.

Number	Message	Description
SXF8080E	<%s> Failed to append MsgType to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8081E	<%s> Failed to append Version to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8082E	<%s> Failed to append 'isactivated' to Admin message: %s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8083E	<%s> Failed to set RV Admin send subject: cause=%s subject=%s	An attempt to add a new field to an RV or EMS message failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF8084E	<%s> Failed to send RV Admin msg: cause=%s subject=%s	Unable to publish an ECM Admin message. Check that TIBCO EMS/Rendezvous is available.

SXF9000 – SXF9999

Number	Message	Description
SXF9002W	Library not found: %s	A library needed by the FileAdapter is missing. Re-check the STEPLIB definitions used in the File Adapter JCL.

Number	Message	Description
SXF9003E	API %s failed with exception %s	A TIBCO API failed. Note the return code and contact your TIBCO administrator.
SXF9004E	Input file <%s> does not exist	The input file specified does not exist. Correct the file name, or the library name.
SXF9005E	File <%s> is already present in process library	The specified file already exists in the process directory. Move the specified file out of the process directory to prevent the Adapter from overwriting the file.
SXF9006E	Library not found: %s	Could not find the specified library. Supply a name of a library that exists on the system.
SXF9007E	Input file <%s> does not exist	The input file specified does not exist. Correct the file name, or the library name.
SXF9008E	File <%s> is present in process library.	The specified file already exists in the process directory. Move the specified file out of the process directory to prevent the Adapter from overwriting the file.
SXF9502E	Generic error: %s %d %d %d %d	File Adapter is reporting an error it encountered. The %s details the cause of the error.
SXF9503E	Generic error: %s %s %d %d %d	File Adapter is reporting an error it encountered. The %s details the cause of the error.
SXF9504E	NULL SaveTimer in timer callback	An internal FileAdapter error occurred. Contact TIBCO technical support.
SXF9505E	SaveTimer Timer creation failed: cause=%s	An attempt to create an RV or EMS timer failed. The %s identifies the specific cause. It normally indicates insufficient memory for the REGION. If increasing the REGION size does not solve the problem, then contact TIBCO technical support.
SXF9506E	SaveTimer Timer removal failed: cause=%s	An attempt to free an RV or EMS timer failed. If the problem persists, then contact TIBCO technical support.

Number	Message	Description
SXF9507E	Error renaming Sub log file <%s> to <%s> cause: %d %s. File logging turned off...	The File Adapter was unable to rename and open a new trace log file. The second %s details the cause of the problem.
SXF9508E	Failed to open Sub log file <%s> cause: %d %s. File logging turned off...	The File Adapter was unable to open the trace log file. The second %s details the cause of the problem.
SXF9509E	Failed to open Sub log file <%s> cause: %d %s. File logging turned off...	The File Adapter was unable to open the trace log file. The second %s details the cause of the problem.

Appendix D Communicating With Other Adapters

Topics

Overview

This section describes how the Adapter communicates with the other mainframe adapter, TIBCO Adapter for Files i5/OS, and the OpenSystems adapter, TIBCO ActiveMatrix Adapter for Files.

The following table lists the conditions under which the Adapter communicates with other mainframe adapters.

For example, the Adapter communicates with other mainframe adapters in the RecordMode with ECM when using RV as the transport.

Table 1 Communication Between The Adapter and other Mainframe Adaptersa

Mode	transferType parameter on the mainframe system	RV	EMS
Record Mode with ECM	RecordModeECM	Y	N
Block Mode with ECM	BlockModeECM	Y	N
Record Mode without ECM	RecordMode	Y	Y
Block Mode without ECM	BlockModeSFT	Y	Y

The following table lists the conditions under which the Adapter can communicate with the OpenSystems adapter. Note that N* indicates that the adapters communicate via TIBCO BusinessWorks.

Table 2 Communication Between The Adapter and the OpenSystems Adapter

Mode	transferType parameter on the mainframe system	Corresponding mode in OpenSystem	RV	EMS
Record Mode with ECM	RecordModeECM	n/a	N	N
Block Mode with ECM	BlockModeECM	SFT Mode ECM	Y	N
Record Mode without ECM	RecordMode	Record Mode	N* (BW)	N* (BW)
Block Mode without ECM	BlockModeSFT	SFT Mode	Y	N

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