

TIBCO Foresight® Transaction Insight®

Using TIPurge

Software Release 5.2

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Two-second advantage®



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Overview

This guide is for business analysts and database administrators who work with the TIBCO Foresight® Transaction Insight® database.

TIPurge is a Java program delivered with Transaction Insight® that provides the ability to remove targeted data from the Transaction Insight database.

Refer to **TIB_transactioninsight_version_readme.txt** for information about Transaction Insight system requirements.

Functionality

TIPurge allows you to remove information for a single transmission from the Transaction Insight database. This transmission can be specified by filename, transmission ID, or FSUID.

For example, you may choose to remove incorrect or invalid transmissions for compliance purposes.

Note: Administrative data (Tasks, Partners, etc.) is not purged.

Use with Caution

TIPurge deletes data from your Transaction Insight database – forever. **Once purged, it cannot be restored.** Do not confuse this with an archiving program.

Therefore:

- **Do not** run TIPurge without backing up the database first; TIBCO Foresight has no way to help you restore deleted data.
- Send your proposed command line to TIBCO Foresight for feedback before executing it.

Requirements

Before using TIPurge for the first time, be sure that your Transaction Insight database is at version 5.0.0 or later.

To verify your database version, execute this query:

```
select name, value from SystemSetting where name = 'Version';
```

Example of value returned	Meaning
5.2.0.0	Transaction Insight 5.2.0 base version
5.1.0.1	Transaction Insight 5.1.0 base version with Patch 1

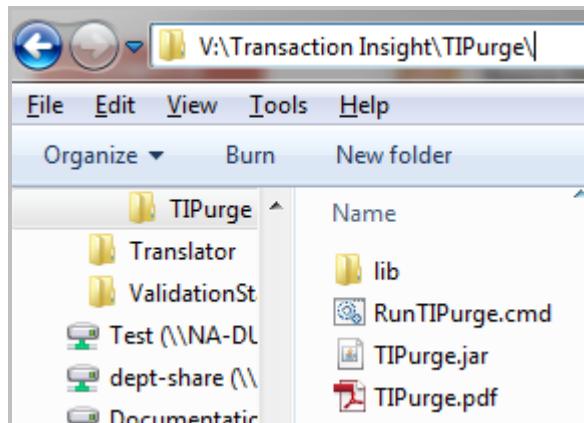
If the version is not at least 5.0.0.0, contact TIBCO Foresight Technical Support.

Installing

To install:

1. Check **TIB_transactioninsight_version_readme.txt** and be sure that you have the correct version of Java installed.
2. Unzip files into a separate directory in the location of your choice. This can be on any machine that can access the database.

Example:



Files

RunTIPurge.cmd	Command line file Customize as described on page 3
TIPurge.jar	TIPurge program
TIPurge.pdf	TIPurge user manual

Scheduling and Strategy

- Do not schedule a purge when TIUtilities might run. This could cause a deadlock in your database.
- You do not need to update Transaction Insight statistics or optimize your database before purging.
- Purging may be resource intensive and could slow database access, so consider scheduling it for times when Transaction Insight is not busy. Users may continue to access the system, although they could experience timeouts.
- TIPurge is for use in cases where specific transmission data needs to be removed; it is not a tool for bulk purging of data.

Executing TIPurge

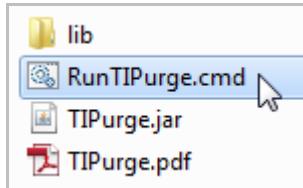
Things to know:

- TIPurge runs on Transaction Insight database platforms versions 5.0.0 and later.
- If a purge dies before it completes, simply restart it.
- Purging should not affect Importer except for the demand on resources.

Customize and execute the command file

Important: Send TIBCO Foresight Technical Support your intended command line before you execute for the first time.

You can run TIPurge by executing the command file that comes with it:



Edit the file first, following this format:

```
set path=path\jre1.6.0_02\bin;%PATH%
java -jar "path\TIPurge.jar" -monitor n -purgeid ID
-purgefilename filename -purgeguid FSUID -dbtype type
-db "connectionstring" -logfile "logfile_path_and_filename"
```

Use double-quotes around values containing spaces or special characters.

Parameter	Explanation
Required	
-dbtype <i>type</i>	<i>type</i> is one of these: Oracle SqlServer
-db " <i>connectionstring</i> "	<i>connectionstring</i> is the database connection string.
-logfile " <i>logfile_path_and_filename</i> "	<i>logfile</i> is the location (path and filename) where log information is to be stored.
Optional	
-monitor <i>n</i>	Report the progress of the purge to the log every <i>n</i> minutes. Value can be 0 to <i>n</i> , where 0 means do not report progress. Default is 30.
Selection Criteria – use any <u>ONE</u> of these	
-purgeid <i>ID</i>	Purges data with a specific Transmission ID. This is an internal Transaction Insight database ID that does not display on the Transaction Insight portal.
-purgefilename <i>filename</i>	Purges data with a specified filename. Wildcards will not work. If multiple files have the same name, only the first row is purged.
-purguid <i>FSUID</i>	Purges data with the specified FSUID. FSUIDs are specified inside the TIBCO Foresight® Instream® results file, at the file level. For more information on FSUIDs, refer to FSUID_and_AppDocs.pdf .

Oracle example

```
set path=C:\Program Files\Java\jre1.6.0_07\bin;%PATH%
java -jar "C:\Foresight\TIPurge\TIPurge.jar"
-purgefilename "BC_837P_ForPurge_3.txt" -dbtype Oracle -db
"jdbc:oracle:thin:TI500- TEST/TI500-TESTpw@//DBserver1:1521/or10.DBserver1"
-logfile "C:\logfiles\PurgeOutput.txt"
```

Where:

-purgefilename	Purge file with name "BC_837P_ForPurge_3.txt"
TI500-TEST	Username
TI500-TESTpw	Schema password
DBserver1	Server hosting the database
1521	Connection port (1521 is default)
or10.DBserver1	Oracle instance name
-logfile	Logging information saved to "C:\logfiles\PurgeOutput.txt"

SQL Server example

```
set path=C:\Program Files\Java\jre1.6.0_02\bin;%PATH%
java -jar "C:\Foresight\TIPurge\TIPurge.jar" -purgeguid 8B4AA234-F28E-11E5-
86A2-C57CFF310A78 -dbtype SqlServer -db "jdbc:sqlserver://DBSERVER1:1433;
databaseName=TI500-TEST;user=TIuser;password=QaWsE246;"
-logfile "C:\logfiles\PurgeOutput.txt"
```

Where:

-purgeguid	Purge file with FSUID "8B4AA234-F28E-11E5-86A2-C57CFF310A78"
DBSERVER1	Server hosting the database
1433	Port
TI330-TEST	Database schema (user) name
TIuser	Schema user
QaWsE246	Schema password
-logfile	Logging information saved to "C:\logfiles\PurgeOutput.txt"

Stopping a Purge

TIPurge exits when it finishes a requested purge.

You can stop it in mid-purge in the normal ways to kill a command line process (Ctrl-C, kill command, Task Manager, etc.). When restarted, it will resume where it left off.

After a Purge

- Statistics pages like Transmissions or Documents will show monthly summary data for items that have been purged. Purged documents are not included in statistics by day or week.
- There is no “unpurge.”

Program Success or Failure

The logfile and sysout will show one of these:

- Normal exit
- Abnormal exit