TIBCO ActiveMatrix BusinessWorks™ Plug-in for EDI Installation

Software Release 6.3

March 2016

TIBC®

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Contents

TIBCO Documentation and Support Services

Documentation for this and other TIBCO products is available on the TIBCO Documentation site:

https://docs.tibco.com

Documentation on the TIBCO Documentation site is updated more frequently than any documentation that might be included with the product. To ensure that you are accessing the latest available help topics, please visit https://docs.tibco.com.

Product-Specific Documentation

The following documents for this product can be found on the TIBCO Documentation site:

- *TIBCO ActiveMatrix BusinessWorks™ Plug-in for EDI Installation* - Read this manual for instructions on site preparation and installation.
- *TIBCO ActiveMatrix BusinessWorks™ Plug-in for EDI Release Notes* - Read the release notes for a list of new and changed features. This document also contains lists of known issues and closed issues for this release.
- *TIBCO ActiveMatrix BusinessWorks™ Plug-in for EDI User's Guide* - Read this manual for instructions on using the product and the shipped samples.

Other TIBCO Product Documentation

When working with the ActiveMatrix BusinessWorks™ Plug-in for EDI, you may find it useful to read the documentation for the following TIBCO products:

- TIBCO ActiveMatrix BusinessWorks™
- TIBCO Foresight® Instream®
- TIBCO Foresight® Translator

How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, contact TIBCO Support:

- 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:

  https://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.

How to Join TIBCOmmunity

TIBCOmmunity is an online destination for TIBCO customers, partners, and resident experts. It is a place to share and access the collective experience of the TIBCO community. TIBCOmmunity offers forums, blogs, and access to a variety of resources. To register, go to the following web address:

https://www.tibcommunity.com

Before you Begin

All applicable TIBCO Foresight products must be installed before installing the TIBCO ActiveMatrix BusinessWorks™ Plug-in for EDI.

The Plug-in for EDI utilizes the following TIBCO Foresight products:

- TIBCO Foresight® Instream®
- TIBCO Foresight® Translator
- TIBCO Foresight® Instream® MAC Adapter (optional; used with Shuffler and ISErrorRefiner activities).

Before you begin installation of the Plug-in for EDI, ensure that these products have been installed. Take note of the installation path for these products, as this information will be used in the Plug-in for EDI Post-installation Tasks.

For Instream®, Foresight® Translator, and TIBCO Foresight® Instream® MAC Adapter installation information, see the following documents:

- *TIBCO Foresight® Instream® Installation*
- *TIBCO Foresight® Translator Installation*
- *TIBCO Foresight® Instream® MAC Adapter Introduction*

Installation Overview

The TIBCO ActiveMatrix BusinessWorks™ Plug-in for EDI is installed using the TIBCO Universal Installer.

TIBCO Universal Installer provides three installation modes. Each installation mode has different characteristics. You can select an installation mode according to your installation environment.

For more information, see Using TIBCO Universal Installer.

Installation Requirements

Before you run the installer, ensure that your system meets all the hardware and software requirements and you have appropriate privileges to run the installer.

Installation Account

To install on Microsoft Windows or Linux, you must have appropriate privileges. Privileges differ for various platforms.

Use the same installer account to install all TIBCO ActiveMatrix BusinessWorks™ products.

Platform	Account Privileges
Microsoft Windows	Only users with administrator privileges can install the plug-in. If you do not have administrator privileges, the installer automatically exits.
	To install the product on a network drive, ensure that the account used for installation has permission to access the network drive.
Linux	Any type of user, regular (non-root) user and super-user (root), can perform the installation on Linux.
	A graphic environment such as CDE or X Windows is required to run the installer in the GUI mode.

System Requirements

Ensure that your system meets the hardware and software requirements before installing the plug-in.

Platform

Before you run the installer, ensure that the appropriate platform is supported. See the `readme` file for information regarding supported operating system platforms, versions, and the required patches.

Disk Space

The installer requires some space in the temporary directory before installation, and additional space in the temporary directory to run the installer. Ensure that sufficient space is available in the directory that you want to use as the installation environment (`TIBCO_HOME`).

While installing the product, avoid running other processes that use disk space in the installation environment directory. If another process uses disk space while the installer is copying files, the installer might fail and display a failure message.

Software

Ensure that you have installed the required software before you run the installer. See the `readme` file for the most current list of supported products and versions.

TIBCO ActiveMatrix BusinessWorks™ Plug-in for EDI is compatible with the following software:

Software	Description
TIBCO ActiveMatrix BusinessWorks™ 6.3.*x*	Required. TIBCO ActiveMatrix BusinessWorks™ includes a common graphical user interface for configuration, process design, and deployment.
TIBCO Foresight® Instream® Standard or Healthcare Edition 8.5.0 or above	Required. Instream® is used to validate EDI.
TIBCO Foresight® Translator Standard or Healthcare Edition 3.5.0 or above	Required. Foresight® Translator is used to translate EDI from one format to another.
TIBCO® Enterprise Administrator	Optional. TIBCO Enterprise Administrator consists of a TIBCO Enterprise Administrator server, a web user interface for the server, and a shell interface, with which you can manage the applications that you create in TIBCO Business Studio.
TIBCO Foresight® EDISIM® 6.15.0 or above	Optional. EDISIM® allows you to create and customize guidelines, validate EDI data for compliance to a published standard or a guideline, and build translation maps.

Using TIBCO Universal Installer

TIBCO Universal Installer provides three modes to install TIBCO ActiveMatrix BusinessWorks™ Plug-in for EDI.

Installer Overview

TIBCO Universal Installer provides three installation modes. Using TIBCO Universal Installer, you can select the installation environment and the installation component.

If you are using TIBCO Universal Installer for the first time to install the plug-in, it is good practice to review the following topics before the installation:

- Installation Modes
- Installation Environment
- Installation Components

Installation Modes

You can run TIBCO Universal Installer in the GUI, console, or silent mode. Each mode is supported on all platforms.

GUI Mode

In the GUI mode, the installer displays panels where you can select a product, product location, and so on. To invoke the installer in the GUI mode, double-click the executable file.

Console Mode

In the console mode, you can run the installer on a command line. This is useful if your machine does not have a GUI environment.

Silent Mode

In the silent mode, the installer installs the product without prompting you for information. The installer uses either default or custom settings that are saved in a response file.
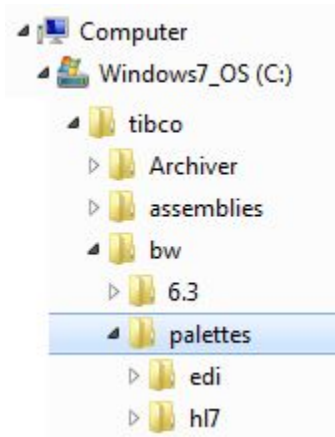
Installation Environment

An installation environment isolates product installations. A product installed into one installation environment cannot access components in other installation environments.

An installation environment is the top level installation directory for TIBCO products. An installation environment consists of the following properties:

- **Directory**

  Identifies the directory into which the product is installed.

- **Name**

  Identifies the name of the folder where the product is installed.

A plug-in must be installed into an existing installation environment where TIBCO ActiveMatrix BusinessWorks™ is already installed. The installation environment of TIBCO ActiveMatrix BusinessWorks™ is referenced as *TIBCO_HOME*.

Example: On Microsoft Windows, the default value of *TIBCO_HOME* is C:\tibco. In this example, TIBCO ActiveMatrix BusinessWorks™ is installed as C:\tibco\bw\x.x and plug-ins are installed in the subdirectory C:\tibco\bw\x.x\palettes.

Installation Components

Different installation components are associated with different functions. Using TIBCO Universal Installer, you can select installation components during the installation.

Installation components are grouped into different installation profiles. One installation profile is associated with one or more installation components. When you select a profile, the components grouped to the selected profile are installed. By default, the **Typical** installation profile is selected, therefore, all the installation components are installed.

The following installation components are available for the plug-in:

Component	Description
TIBCO ActiveMatrix BusinessWorks™ Plug-in for EDI	This component includes the EDI palette and samples that show how the plug-in interacts with TIBCO ActiveMatrix BusinessWorks™.

Installation

When using TIBCO Universal Installer, you can install the plug-in in the GUI, console, or silent mode.

Ensure that you meet all the requirements described in the Installation Requirements section.

The plug-in must be installed into an existing installation environment where TIBCO ActiveMatrix BusinessWorks™ is installed. Stop all running processes in the installation environment before the installation.

Installing in GUI Mode

In the GUI mode, the installer prompts you for information regarding the installation environment, installation profile, and other installation information.

Procedure

1. Open the physical media or download the package from the TIBCO eDelivery site (https://edelivery.tibco.com).

   To download the installation package, a user name and password are required. If you do not have a user name and password, contact TIBCO Technical Support.

2. Extract the content of the installation package to a temporary directory.

3. Use the extracted installation package to start the installation in one of the following ways:

- On Microsoft Windows, double-click `TIBCOUniversalInstaller.exe`.

- On Linux, run `TIBCOUniversalInstaller-platform_acronym.bin`.

4. In the Welcome dialog, click **Next**.

5. In the License Agreement dialog, read through the license agreement and select **I accept the terms of the license agreement**. Click **Next**.

6. In the TIBCO Installation Home dialog, click **Use an existing TIBCO_HOME** to select an existing installation environment where TIBCO ActiveMatrix BusinessWorks™ is installed. Click **Next**.

   See Installation Environment for more details.

7. In the Installation Profile Selection dialog, select an installation profile to specify the installation components to be installed. Or select the **Customize Installation** check box to select the installation components. Click **Next**.

   See Installation Components for more details.

8. In the Pre-Install Summary dialog, review the list of products selected for the installation. Click **Install**.

9. In the Post Install Summary dialog, review the list of the installation information. Click **Finish** to complete the installation process and exit the installer.

Installing in Console Mode

In the console mode, you can run the installer on a command line.

Procedure

1. Open the physical media or download the package from the TIBCO eDelivery site (https://edelivery.tibco.com).

   To download the installation package, a user name and password are required. If you do not have a user name and password, contact TIBCO Technical Support.

2. Extract the content of the package to a temporary directory.

3. On a command line, navigate to the temporary directory to which you extracted the installation package.

4. Run the following command to start the installation:

   - On Microsoft Windows: `TIBCOUniversalInstaller.cmd -console`

   - On Linux: `./TIBCOUniversalInstaller-platform_acronym.bin -console`

5. Respond to the messages on the command line.

   The installation options are the same with the GUI Mode. See Installing in GUI Mode for more details.

6. When the installation is completed, press Enter to exit the installer.

Installing in Silent Mode

In the silent mode, you can run the installer without user input by pointing the installer to an existing response file.

A default response file named `TIBCOUniversalInstaller_bwpluginEDI_version.silent` is packaged with TIBCO Universal Installer. Before launching the silent installation, you have to edit the response file with information about your environment. It is good practice is to make a copy of the default response file, then edit that file and use it for the installation.

- If you invoke the installer with the **-silent** argument, the installer reads the input from default response file.

- If you invoke the installer with the **-silent -V responseFile=<filename>** argument, the installer reads the input from the specified response file.

Procedure

1. Open the physical media or download the package from the TIBCO eDelivery site (https://edelivery.tibco.com).

   To download the installation package, a user name and password are required. If you do not have a user name and password, contact TIBCO Technical Support.

2. Extract the content of the package to a temporary directory and open the `TIBCOUniversalInstaller_bwpluginEDI_version.silent` file.

3. Update the response file directly, or make a copy of the response file first, and then update the copied file.

4. On the command line, navigate to the temporary directory where you extracted the installation package.

5. Enter the following command to start the installation:

   - On Microsoft Windows: `TIBCOUniversalInstaller.cmd -silent [-V responseFile="filename"]`

   - On Linux: `TIBCOUniversalInstaller-platform_acronym.bin -silent [-V responseFile="filename"]`

   > If you copy the response file to another directory, not the temporary directory containing the installer, you have to provide the absolute path of the response file.

Uninstallation

You can uninstall the plug-in in the GUI or console mode when using TIBCO Universal Installer.

> Before uninstalling the plug-in, stop all running processes in the installation environment.

Uninstalling in GUI Mode

You can uninstall all the products or specific products from a selected TIBCO HOME when using TIBCO Universal Installer to uninstall the plug-in in GUI mode.

Procedure

1. Navigate to the `TIBCO_HOME/tools/universal_installer` directory.

2. Use one of the following ways to start the uninstallation:

   - On Microsoft Windows, double-click `TIBCOUniversalInstaller.exe`.

   - On Linux, run `TIBCOUniversalInstaller-platform_acronym.bin`.

3. In the TIBCO Installation Manager dialog, select **Uninstall Products from a TIBCO Home Location**.

4. From the **TIBCO Home Location** list, select the TIBCO HOME where the product is installed. Click **Next**.

5. In the Welcome dialog, click **Next**.

6. In the Uninstallation Type dialog, select an uninstallation option and click **Next**.

- **Custom Uninstall**

  You can select the products to be removed.

- **Typical Uninstall**

  You cannot select the products. All the products in the selected TIBCO HOME are removed.

7. If you select **Custom Uninstall**, select the check box next to the product to be uninstalled in the Product Uninstall Selection dialog. Click **Next**.

8. In the Pre-Uninstall Summary dialog, review the product to be uninstalled. Click **Uninstall**.

9. In the Post Uninstall Summary dialog, click **Finish** to complete the uninstallation process and exit the installer.

10. If you have uninstalled all the software in the selected TIBCO HOME, delete the folders in the installation environment and user home.

Uninstalling in Console Mode

If you are not working in a GUI environment, you can uninstall the software in console mode.

Procedure

1. On a command line, navigate to the *TIBCO_HOME*/tools/universal_installer directory.

2. Run the following command to start the uninstallation:

   - Microsoft Windows: TIBCOUniversalInstaller.cmd -console

   - Linux: ./TIBCOUniversalInstaller-*platform_acronym*.bin -console

3. Respond to the messages on the command line.
   The uninstallation options are the same with the GUI mode. See Uninstalling in GUI Mode for more details.

4. When the uninstallation is completed, press Enter to exit the installer.

Installation Logging

If you encounter problems with the installation, first ensure that your system meets all prerequisites. Next, check the installer log for potential problems.

The installer log file, `tibco_universal_installer.`*`username`*`_install.log`, is available in the following locations:

- On Microsoft Windows: `C:\Users\`*`username`*`\.TIBCO\`*`install_timestamp`*

- On Linux: *`user_home_dir`*`/.TIBCO/`*`install_timestamp`*

The installer log file captures the following information:

- Detailed information regarding the user that invoked the installer, hostname, operating system details, and so on
- List of assemblies installed
- Information related to the Ant scripts executed by the installer

To change the location of the installer log file, specify the option `-V logFile="myLogFile"` when you run the installer.

Post-installation Tasks

One or more post-installation tasks are required before you can use the TIBCO ActiveMatrix BusinessWorks™ Plug-in for EDI.

Set Environment Variables for all ActiveMatrix BusinessWorks™ Applications

After installing the plug-in, ensure that the Instream and Translator environment variables are set correctly. Doing so tells ActiveMatrix BusinessWorks™ where to access the TIBCO Foresight® Instream® and TIBCO Foresight® Translator executables when the products are used within a TIBCO ActiveMatrix BusinessWorks™ Plug-in for EDI process.

> You can also set environment variables on a per process/workflow basis. To do this, refer to the *TIBCO ActiveMatrix BusinessWorks™ Plug-in for EDI User's Guide.*

Windows

Add the instream\bin and translator\bin paths to the system path.

1. From the Desktop, right-click the Computer icon and select Properties.

   If you don't have a Computer icon on your desktop, click the Start button, right-click the Computer option in the Start menu, and select Properties.

2. Click the Advanced System Settings link in the left column.

3. In the System Properties window, click on the Advanced tab, then click the Environment Variables button near the bottom of that tab.

4. In the Environment Variables window, highlight the Path variable in the "System variables" section and click the Edit button. Add `instream\`*x.x*`\bin` and `translator\`*x.x*`\bin`.

Unix

Add the instream\bin and translator\bin paths to LD_LIBRARY_PATH or LIBPATH.

- Instream

```
export FSINSTREAMINI=/tibco/instream/x.x/bin
export LD_LIBRARY_PATH=/tibco/instream/x.x/bin:$LD_LIBRARY_PATH
```

- Translator

```
export FSTRANSLATORINI=/tibco/translator/x.x/bin
export LD_LIBRARY_PATH=/translator/x.x/bin:$LD_LIBRARY_PATH
```