TIBCO BusinessEvents®
Data Modeling
Installation

Software Release 5.4
January 2017

TIBC⦿®

Important Information

Contents

TIBCO Documentation and Support Services

Documentation for this and other TIBCO products is available on the TIBCO Documentation site. This 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, visit:

https://docs.tibco.com

Product-Specific Documentation

Documentation for TIBCO products is not bundled with the software. Instead, it is available on the TIBCO Documentation site. To directly access documentation for this product, double-click the following file:

TIBCO_HOME/release_notes/TIB_businessevents-datamodeling_*version*_docinfo.html where *TIBCO_HOME* is the top-level directory in which TIBCO products are installed. On Windows, the default *TIBCO_HOME* is C:\tibco. On UNIX systems, the default *TIBCO_HOME* is /opt/tibco.

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

- *TIBCO BusinessEvents Data Modeling Installation*
- *TIBCO BusinessEvents Data Modeling Developer's Guide*
- *TIBCO BusinessEvents Data Modeling Release Notes*

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 TIBCO Community

TIBCO Community 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. TIBCO Community offers forums, blogs, and access to a variety of resources. To register, go to the following web address:

https://community.tibco.com

Installation Overview

The TIBCO Universal Installer is used to install and uninstall this TIBCO BusinessEvents add-on.

Installation Modes

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

- **GUI Mode** - In GUI mode, the installer presents dialogs that allow you to select a product, product location, and so on.
- **Console Mode** - Console mode allows you to run the installer on a command line. This is useful if your machine does not have a GUI environment.
- **Silent Mode** - In 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 an installation environment does not 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 name of the directory where the product is installed. This directory is referred to as *TIBCO_HOME*.
- **Name** - Identifies the installation environment. On Microsoft Windows, the name is a component of the path to the product shortcut in the **Windows Start** > **All Programs** menu.

You must install into an existing *TIBCO_HOME* where TIBCO BusinessEvents is already installed.

Installer Log File

An installer log file is created during the installation that captures installation environment details, such as the user that invoked the installer, host name, operating system details, list of assemblies installed, and so on.

The location of the log file depends on the platform, as follows:

Windows

```
User_Home\.TIBCO\install_identifier
```

where *identifier* is the date and time the product was installed, and a unique number used to identify this particular installation.

For example:

```
C:\Documents and Settings\franko\.TIBCO\install_03-02-2014.132827
```

Linux

```
$HOME/.TIBCO/install_identifier
```

where *identifier* is in the date and time the product was installed, and a unique number used to identify this particular installation.

For example:

```
/home/user1/.TIBCO/install_03-02-2014.134908
```

Installation Requirements

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

Check the TIBCO Product Support web site at https://support.tibco.com for product information that was not available at release time. Entry to this site requires a username and password. If you do not have a username, you can request one. You must have a valid maintenance or support contract to use this site.

Installer Account

Ensure that you have the appropriate privileges, depending on the platform on which you are installing.

Platform	Account Privileges
Microsoft Windows	You must have administrator privileges for the machine on which the software is installed. If you do not have administrator privileges, the installer exits. You must then log out of the system and log in as a user with the required privileges, or request your system administrator to assign the privileges to your account.
	If you intend to install the product from a network drive, you must ensure that the account used for installation has permission to access the network drive.
Linux	The software can be installed by a regular (non-root) user and super-user (root). Different users can install the same product at different locations.
	The user performing the installation must have Read Write Execute permissions on all files and directories, after the file is unpacked. The file structure after unpacking must be identical to the structure that was packed.
	Installation of TIBCO BusinessEvents add-on products must be performed by the same user who installed TIBCO BusinessEvents. Dependency checking will not work correctly unless the same user installs all dependent products.
	A windowing environment such as CDE (that is, X11 Windows) is required to run the installer in GUI mode.

Hardware and Software Requirements

The product has certain hardware and software requirement for installation.

This add-on product requires prior installation of TIBCO BusinessEvents® software.

The version of TIBCO BusinessEvents and all add-on products must match. When you upgrade TIBCO BusinessEvents, you must also upgrade all add-on products in use to the same version. Similarly, you cannot install a later version of an add-on onto an earlier version of TIBCO BusinessEvents. Add-ons must be at the same version as TIBCO BusinessEvents in order to work correctly.

For information about the hardware and software requirements, as well as supported platforms, related TIBCO software, and third party products, see the readme file that is provided with the product.

Installing the Software

The TIBCO Universal Installer can be used to install in GUI mode, console mode, or silent mode.

You can install multiple products at one time by extracting the product archive files to the same temporary directory. For example, you can install TIBCO BusinessEvents and one or more add-ons together. Or if you have already installed TIBCO BusinessEvents, you can install multiple add-ons together.

This technique works in the GUI and Console modes but not in Silent mode. In Silent mode, the silent installation file is overwritten with the last product that you extract, and installs only the last extracted product.

Installing in GUI Mode

When you run the installer in GUI mode, it prompts you for information about the installation environment, and allows other customization.

Procedure

1. Open the physical media or download the software package from http://www.download.tibco.com.

   For downloading you will need your username and password. If you did not receive a username and password, contact TIBCO Technical Support.

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

3. Navigate to the temporary directory and run TIBCO Universal Installer:

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

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

4. Review the information in the **Welcome** screen, and click **Next**.

   The License Agreement dialog displays.

5. Review the terms of the license agreement and, if you agree, click **I accept the terms of the license agreement**. Then, click **Next** to continue with the installation. If you are installing multiple add-on products, you must accept each license separately.

   (If you do not agree to the terms of the license agreement, click **Cancel** to exit from the installation process.)

6. On the TIBCO Installation Home dialog, select **Use an existing TIBCO_HOME** then choose the appropriate *TIBCO_HOME* from the list.

   For more information, see Installation Environment.

7. On the Installation Profile Selection dialog, do one of the following:

   - Select **Typical** installation profile from the left panel and click **Next**.

   - Check the **Customize installation** checkbox, select components to be installed from the panel on the right and click **Next**.

   At the next screen, specify whether you want to install the eclipse environment provided with the product, or specify your own eclipse directory location and click **Next**.

8. Review the information on the Pre-Install Summary dialog, then click **Install** to start the installation process.

   If you want to change any of your choices, click **Back** to step back through the dialogs to the appropriate point. You can then restart the installation process from that point.

The installer now performs the necessary installation tasks.

9. You may be prompted to replace files already on disk that are newer than the installation files.

   - In the case of a fresh installation of the add-on over a prior fresh installation of a full installer version of the add-on or of TIBCO BusinessEvents, such messages are harmless: overwrite all existing files.

   - In the case of files you have changed: if you want to save settings in any existing files, first save a backup of the files to a different name, and then replace the original files with the newly installed files. After installation configure the newly installed files using information from the prior version's file backups, as needed.

10. When installation has completed, the installer deletes the temporary files as a post installation task and then the Post Install Summary dialog displays. Click **Finish** to exit from the installer.

Installing in Console Mode

In console mode, the TIBCO Universal Installer is run from a command line.

Procedure

1. Open the physical media or download the software package from http://www.download.tibco.com.

   For downloading you will need your username and password. If you did not receive a username and password, contact TIBCO Technical Support.

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

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

4. Run the installer using this command line:

   - Microsoft Windows: `TIBCOUniversalInstaller.cmd -console`

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

5. Respond to the messages on the command line.

   You may want to refer to Installing in GUI Mode for information about responding to the messages.

6. When the installation completes, 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*, which contains installation parameters.

A default response file is included with the product. Edit the file in a text editor and provide all non-default values as needed before launching the silent installation. For example, ensure that the `installationRoot` and `createNewEnvironment` attributes are set correctly. The default response file has the name:

`TIBCOUniversalInstaller.silent`

The best 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 Universal Installer with only the `-silent` argument, the installer reads the input from default response file.

If you make a copy of the default response file, and rename it, you must provide the name of the response file when invoking the Universal Installer. This done by passing the following arguments on the command line:

```
-silent -V responseFile="filename.silent"
```

where, *filename* is the name you gave the response file.

Procedure

1. Open the physical media or download the software package from https://edelivery.tibco.com.

   For downloading you will need your username and password. If you did not receive a username and password, contact TIBCO Technical Support.

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

3. Navigate to the temporary directory to which you extracted the installation package.

4. Make a copy of the default response file, open the copy with a text editor, then update the parameters as needed.

   The *response file* contains comments that describe each of the parameters. You can save the file using any desired name.

5. Enter the following command to start the installation (these assume you have copied the response file and saved it as `MyResponseFile.silent`):

   - Microsoft Windows: `TIBCOUniversalInstaller.cmd -silent -VresponseFile="MyResponseFile.silent"`

   - Linux: `TIBCOUniversalInstaller-platform_acronym.bin -silent -VresponseFile="MyResponseFile.silent"`

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

   A line like similar to the following is written to the installer log file when installation completes:

   ```
   The installation has completed. Please check the log file for additional
   information.
   ```

Uninstalling the Software

The TIBCO Universal Installer is used to uninstall TIBCO products. You can uninstall in either GUI mode or console mode.

> In the case of a service pack release, this procedure uninstalls the entire product, not just the service pack. It is not possible to uninstall only a service pack.

Uninstall in GUI Mode

Using the TIBCO Universal Installer, you can uninstall all products in a particular *TIBCO_HOME*, or you can uninstall specific products that have been installed in a *TIBCO_HOME*.

Procedure

1. Run the universal uninstaller in one of the following ways:

   • Navigate to the *TIBCO_HOME*/tools/universal_installer directory and run the TIBCOUniversalInstaller program.

   • (Windows) From the Start menu, go to **Start** > **All Programs** > **TIBCO** > *TIBCO_HOME* > **Universal Uninstaller**.

2. Select the **Uninstall Products from a TIBCO Home Location** option.

3. In the **TIBCO Home Location** field, select the *TIBCO_HOME* in which the product is installed, then click **Next**.

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

5. On the Uninstallation Type dialog, do one of the following:

   • To uninstall just this add-on (or any specific TIBCO products in this *TIBCO_HOME*), click **Custom Uninstall**. Select the appropriate checkboxes, then click **Next**.

   • To uninstall all TIBCO products that were installed using the universal installer, click **Typical Uninstall**, then click **Next**.

   The Pre-Uninstall Summary dialog appears.

6. Review the products to be uninstalled, then click **Uninstall**.

7. To remove modified files, click **Yes to All**.

8. On the Post Uninstall Summary dialog, click **Finish** to exit the uninstall wizard.

9. If you have uninstalled all the software in *TIBCO_HOME*, delete the folders in the installation environment and user home.

Uninstall in Console Mode

Uninstalling in console mode allows you to uninstall from the command line.

Procedure

1. Open a command line, navigate to the directory:

   TIBCO_HOME/tools/universal_installer

2. Run the TIBCOUniversalInstaller in console mode using the command:

   TIBCOUniversalInstaller -console

3. Respond to the prompts on the command line

4. When the uninstallation completes, press **Enter** to exit the Universal Installer.

Uninstalling in Silent Mode

Uninstalling in silent mode allows you to uninstall without user inputs by pointing to a *response file*. For unistallation, you need to create a response (.silent) file with the needed uninstallation parameters. You can use the .SILENT file provided with the installation package as a template.

Use the **-silent** command for performing the silent uninstallation. Pass the absolute path of the response file as an argument if the response file is not located in the same folder as TIBCOUniversalInstaller.

Prerequisites

A .SILENT file should exist with values for atleast the following attributes:

- **uninstallProductID**
- **uninstallProductVersion**
- **uninstallTIBCOHome**

Procedure

1. Open a command line, navigate to the directory:

   TIBCO_HOME/tools/universal_installer

2. Run the TIBCOUniversalInstaller in silent mode using the following command based on the response file location:

Response File Location	Silent Uninstallation Command
TIBCO_HOME/tools/ universal_installer	**TIBCOUniversalInstaller -silent**
Other	**TIBCOUniversalInstaller -silent -V responseFile=**"*<absolute_path_and_file_name>*"

The following sample content of the Uninstall.silent file removes all products from the specified *TIBCO_HOME*: C:\BE\BE520.

```
<?xml  version="1.0"?>
<!DOCTYPE properties SYSTEM "http://java.sun.com/dtd/properties.dtd">
<properties>
<comment>---Universal Installer Silent Installation Properties---</comment>

<entry key="uninstallProductID">*</entry>
<entry key="uninstallProductVersion">*</entry>
<entry key="uninstallTIBCOHome">C:\BE\BE520</entry>

</properties>
```