

TIBCO Kabira® Adapter Factory for Persistence

Installation

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Preface

The preface contains information about documentation related to the current document, typographical conventions and information on how to connect with TIBCO resources.

This software may be available on multiple operating systems. However, not all operating system platforms for a specific software version are released at the same time. Please see the readme file for the availability of this software version on a specific operating system platform.

See [Related Documentation](#)

See [Typographical Conventions](#)

See [Connecting with TIBCO Resources](#)

Related Documentation

This section lists documentation resources you may find useful.

TIBCO Kabira Documentation

The documentation road map shows the relationships between the books and online references in this product's documentation set.

The following documents form the TIBCO Kabira documentation set:

- *TIBCO Kabira® Adapter Factory for Persistence Installation* Read this manual for instructions on site preparation and installation.
- *TIBCO Kabira® Adapter Factory for Persistence 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.

Typographical Conventions

The following typographical conventions are used in this manual.

General Typographical Conventions

<i>TIBCO_HOME</i>	Many TIBCO products must be installed within the same home directory. This directory is referenced in documentation as <i>TIBCO_HOME</i> . The default value of <i>TIBCO_HOME</i> depends on the operating system. For example, on Unix systems, the default value is <i>/tibco</i> .
<i>code font</i>	Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example: Use <i>MyCommand</i> to start the <i>foo</i> process.
<i>bold code font</i>	Bold code font is used in the following ways: In procedures, to indicate what a user types. For example: Type <i>admin</i> . In large code samples, to indicate the parts of the sample those are of particular interest. In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, <i>MyCommand</i> is enabled: <i>MyCommand</i> [<i>enable</i> <i>disable</i>]
<i>italic font</i>	Italic font is used in the following ways: To indicate a document title. For example: See <i>TIBCO Kabira® Adapter Factory for Persistence Installation</i> . To introduce new terms. For example: A portal page may contain several portlets. Portlets are mini-applications that run in a portal. To indicate a variable in a command or code syntax that you must replace. For example: <i>MyCommand</i> <i>PathName</i>
Key combinations	Key names separated by a plus sign indicate keys pressed simultaneously. For example: <i>Ctrl+C</i> . Key names separated by a comma and space indicate keys pressed one after the other. For example: <i>Esc , Ctrl+Q</i> .
	The note icon indicates information that is of special interest or importance, for example, an additional action required only in certain circumstances.
	The tip icon indicates an idea that could be useful, for example, a way to apply the information provided in the current section to achieve a specific result.
	The warning icon indicates the potential for a damaging situation, for example, data loss or corruption if certain steps are taken or not taken.

Connecting with TIBCO Resources

How to Access All TIBCO Documentation

After you join *TIBCOcommunity*, you can access the documentation for all supported product versions here:

<http://docs.tibco.com/>

How to Contact TIBCO Support

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

<https://support.tibco.com>

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

Chapter

1

Introduction

This chapter explains installation modes, requirements, and other options you should be aware of before starting the installation.

See [Installation Overview](#)

See [Installation Requirements](#)

Installation Overview

This section gives an overview of the installer.

Installation Modes

Three installation modes are available: GUI, console, and silent.

[GUI Mode](#)

In the GUI mode, the installer presents panels that allow you to make choices about product selection, product location, and so on. To invoke the installer in GUI mode, double-click the executable.

[Console Mode](#)

Console mode allows you to run the installer from the command prompt or terminal window. This is useful if your machine does not have a GUI environment.

[Silent Mode](#)

Silent mode installs the product using either default or custom settings that are saved in a response file. Silent mode installs the product without prompting you for information.

Installation Types

Two installation types are available: Profile or Custom.

The Typical installation type installs all the components.

The Custom installation type allows you to select components.

Installer Account

UNIX

Any user can install this product.

Regular (non-root) user

Super-user (root).

While installing this product on UNIX platforms, ensure that the same installer account is used to install all TIBCO <Family> products.

A graphic environment such as CDE or X Windows is required to run the installer in GUI mode.

Installer Log File

Installation and uninstallation log files are in the `$HOME/.TIBCO` directory within the installer's user home directory. The files use this format:

- Install log
`~/.TIBCO/install_<yyyy-mm-dd.hhmmss>/tibco_universal_installer.<fpuser>_install.log`

- Uninstall log
`~/.TIBCO/maintenance_<yyyy-mm-dd.hhmmss>/tibco_universal_installer.<fpuser>_uninstall.log`

The installation and uninstallation log files log the history and maintain the registry files in the `$HOME/InstallShield` directory.

Do not edit, rename, move, or remove the files in the `$HOME/InstallShield` directory.

Installation Requirements

This section describes the disk space requirements, system memory requirements, software requirements, and supported platforms for this product.

Disk Space Requirements

Before installing this product, extract the contents of the installation archive to a temporary directory. The installer files consume up to **250 MB** of disk space.

Temporary Disk Space Required by the Installer

The installer requires at least **250 MB** of free space in the temporary directory.

If your system does not have sufficient disk space in the default temporary area, you can run the installer with a different temporary directory by using the following option when starting the installer:

```
-is:tempdir /new_temp
```

Where `/new_temp` has sufficient free disk space.

The installer calculates the disk space required in the product home location for the selected components. The calculation is done before the actual installation (copying of files to the system) begins. The installer will proceed only if sufficient free disk space is available in the product home location.

However, if disk space is consumed by another process while the installer is copying the files, and if the required disk space is thereby reduced, the installer may fail and will then give a failure message.

While performing installation, avoid running other processes that consume disk space in the product home location.

Disk Space after Installation

This product can consume **120 MB** of free space under `TIBCO_HOME`.

System Memory Requirements

Update the memory size in this section.

A minimum of 2 GB of physical memory is required.

Supported Platforms

Refer to the readme file for the supported platforms and versions and required patches.

Software Requirements

Software Requirements lists the required and optional software products.

Software Requirements

<i>TIBCO Software</i>	
The software products below are distributed and installed separately from this product. See the readme file for the supported versions.	
TIBCO® KPSA	Required. TIBCO® Fulfillment Provisioning is used as infrastructure framework for TIBCO Kabira® Adapter Factory for Persistence. TIBCO Kabira® Adapter Factory for Persistence shall be installed on the machine on which TIBCO® Fulfillment Provisioning is installed.
<i>Third-party Software</i>	
See the readme file for the supported versions.	
	TIBCO Kabira® Adapter Factory for Persistence requires the following third party software: Name: DataDirect Connect ODBC Version: 60sp1 Vendor: DataDirect Shipped: Yes Name : Oracle OCI Version : 11.1.0.6.0 Vendor : Oracle Shipped: No Name: MySQL Version: 5.1.x Vendor: Oracle Shipped: No

Chapter

2

Installation Steps

This chapter explains how to install and uninstall this product.

See [Installation](#)

See [Uninstallation](#)

Installation

The following sections describe the installation process in the available installation modes:

See [GUI Mode](#)

See [Console Mode](#)

See [Silent Mode](#)

GUI Mode

To install this product in GUI mode,

1. Open the physical media or download the package.
2. Extract the contents of the package to a temporary directory.
3. Navigate to the temporary directory.
4. Run TIBCOUniversalInstaller. You can do so in one of the following ways:
 - a. Double-click the installer icon.
 - b. On the command prompt, provide the absolute path of the installer file on without specifying any options. The installer defaults to GUI mode.
5. Click the **Next** button on the Welcome dialog.

Read through the license text when the License Agreement dialog appears, select the I Accept The Terms of The License Agreement radio button and then click the **Next** button.

6. Select an installation profile from the list on the left. TIBCO Universal Installer provides the following installation profiles:

Runtime Includes PRODUCTION binaries and libraries optimized for runtime.

Design Includes DEVELOPMENT binaries and libraries required for development purpose.

7. To customize the profile feature settings, check the *Customize Installation* checkbox and use the feature tree on the right.
8. Click the **Next** button. The TIBCO Installation Home dialog displays.

An installation environment isolates product installations. A product installed into an installation environment does not access components in other installation environments. An installation environment consists of a name and path. You can choose a new environment or an existing environment.

Create A New TIBCO_HOME To install the product into a new installation environment, specify the following properties:

Directory The directory into which the product is installed. Type a path or click *Browse* to specify the path or accept the default location.

The path cannot contain special characters such as "*", "#", "?", ">", "<", "%", "&", "\$", "^", or "|". The path cannot be the same as the path of an existing environment.

Name Identifies the installation environment. The name cannot contain special characters such as "*", "?", ">", "<", ":", "|", "/", "\", or quotation marks (").

The name is appended to the name of Windows services created by the installer and is a component of the path to the product in the Windows Start > All Programs menu.

Use An Existing TIBCO_HOME To install the product into an existing installation environment, select the environment from the drop-down list.

9. Click the **Next** button.

Verify the list of products selected for install in the Pre-Install Summary dialog.

10. Click the **Install** button to start the installation process.

Review the information listed in the Post-Install Summary dialog.

Console Mode

To install this product in console mode:

Open the physical media or download the package.

Extract the contents of the package to a temporary directory.

Using a console window, navigate to the temporary directory.

Run *TIBCOUniversalInstaller -console*.

Complete the installation by responding to the console window prompts.

Silent Mode

In silent mode, the universal installer does not prompt for any inputs during installation. Instead, the inputs are read from a response file that can be provided as a command-line parameter. If no value is specified, the installer uses the default *TIBCOUniversalInstaller.silent* file.

The *TIBCOUniversalInstaller.silent* file is packaged in the directory that contains the universal installer. Edit the file with information for your environment before launching the silent installation. The file includes comments that describe the installation properties you can set. While you can use the *TIBCOUniversalInstaller.silent* file, it's good practice to copy the file to a different name and use that file for the silent install.

If errors occur during installation, they will be listed in the installation log file located in the *<homedir>/TIBCO* directory.

Open the physical media or download the package.

Extract the contents of the package to a temporary directory.

Using a console window, navigate to the temporary directory.

Make a copy of the *TIBCOUniversalInstaller.silent* file and rename the file.

Using a text editor, open the copied file and update the install location, *ENV_NAME*, and features to install as follows:

Update the install location. TIBCO <Product> must be installed in the same directory where <Family> is installed. For example, update the directory as follows:

```
<entry key="installationRoot">/tibco</entry>
```

Update *ENV_NAME*. TIBCO <Product> must use the same *ENV_NAME* that <Family> uses.

For example, update ENV_NAME as follows:

```
<entry key="createNewEnvironment">false</entry>
<entry key="environmentName">TIBCO_HOME</entry>
```

Update features to install. Set the features that you want to install to *true*.

Run the following:

```
UNIX TIBCOUniversalInstaller.bin -silent -V responseFile=" myfilename .silent".
```

Uninstallation

This section describes how to uninstall this product in the GUI mode and the Console mode.

GUI Mode

To uninstall this product:

Shut down all running TIBCO <Family> applications.

Navigate to *TIBCO_HOME /tools/universal_installer* and run TIBCOUniversalInstaller.

In the TIBCO Installation Manager page, perform the following steps:

Select the **Uninstall Products From Selected TIBCO Home Location** radio button.

Select the *TIBCO_HOME* location from the TIBCO Home Location drop-down list.

The Welcome dialog appears. Click the Next button.

Choose an uninstallation option. The wizard provides two uninstallation options:

Custom Uninstall You can select the products to be removed.

Typical Uninstall The universal uninstaller removes all the products in this *TIBCO_HOME* .

Click the Next button. If you selected the **Custom Uninstall (Select The Products To Be Removed)** radio button, select the checkboxes for products to uninstall, and then click the Uninstall button.

Review the Pre-Uninstall Summary and click the Uninstall button to start the uninstallation process.

Review the Post-Uninstall Summary and click the **Finish** button to exit the uninstall wizard.

Console Mode

To uninstall this product in Console mode, complete the following steps:

Using a command window, navigate to the *TIBCO_HOME \tools\universal_installer* directory.

Type the following command at the command prompt:

```
TIBCOUniversalInstaller -console
```

Complete the uninstallation by responding to the console window prompts.