

# **TIBCO ActiveMatrix® Adapter for PeopleSoft**

## **Installation**

*Software Release 6.0  
December 2009*

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# Preface



**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.txt file for the availability of this software version on a specific operating system platform.**

This document describes how to install TIBCO ActiveMatrix Adapter for PeopleSoft software.

## Topics

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- [Related Documentation, page x](#)
- [Typographical Conventions, page xii](#)
- [How to Contact TIBCO Support, page xiv](#)

## Related Documentation

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This section lists documentation resources you may find useful.

### TIBCO ActiveMatrix Adapter for PeopleSoft Documentation

The following documents form the TIBCO ActiveMatrix Adapter for PeopleSoft documentation set:

- TIBCO ActiveMatrix Adapter for PeopleSoft *Concepts* Read this manual to familiarize yourself with the product and its uses.
- TIBCO ActiveMatrix Adapter for PeopleSoft *Installation* Read this manual to learn how to install TIBCO ActiveMatrix Adapter for PeopleSoft.
- TIBCO ActiveMatrix Adapter for PeopleSoft *Configuration and Deployment* Read this manual for instructions on how to create, configure, and deploy adapter projects.
- TIBCO ActiveMatrix Adapter for PeopleSoft *Examples* Read this manual to work through the examples provided with the adapter.
- TIBCO ActiveMatrix Adapter for PeopleSoft *Release Notes* Read this document for information about new features, deprecated features, and known and closed issues.

### Other TIBCO Product Documentation

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

- TIBCO Designer™
- TIBCO Administrator™
- TIBCO ActiveMatrix BusinessWorks™
- TIBCO ActiveMatrix BusinessWorks™ Service Engine
- TIBCO Rendezvous®
- TIBCO Enterprise Message Service™
- TIBCO Hawk®
- TIBCO Adapter™ SDK
- TIBCO Runtime Agent™
- TIBCO ActiveMatrix® Service Grid

- TIBCO ActiveMatrix® Service Bus
- TIBCO Business Studio™

## Third-Party Documentation

You may also find it useful to read the following documentation:

- “Integration Tools: PeopleSoft Component Interfaces” in the *PeopleTools PeopleBook*. Topics include an explanation of Component Interfaces, how to create them, how to test them using PeopleTools, and how to validate that a Component Interface is compatible with the underlying component.
- “PeopleSoft Integration Broker” in the *PeopleTools PeopleBook*. Topics include an explanation of Integration Broker, the components involved, and how to use the components in Application Messaging.
- “PeopleSoft Platforms”, a link from the PeopleSoft Customer Connection Website (see <http://www.peoplesoft.com>), for the versions of the databases supported by PeopleSoft8.
- “PeopleSoft Internet Architecture Administrating”, a link from the Peoplebook- PeopleTools-Administration Tools website (see <http://www.peoplesoft.com>), for information on configuring a JOLT Listener port.




# Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions

Convention	Use
<i>TIBCO_HOME</i> <i>ENV_HOME</i> <i>PS_HOME</i>	<p>Many TIBCO products must be installed within the same home directory. This directory is referenced in documentation as <i>TIBCO_HOME</i>. The value of <i>TIBCO_HOME</i> depends on the operating system. For example, on Windows systems, the default value is C:\tibco.</p> <p>Other TIBCO products are installed into an installation environment. Incompatible products and multiple instances of the same product are installed into different installation environments. The directory into which such products are installed is referenced in documentation as <i>ENV_HOME</i>. The value of <i>ENV_HOME</i> depends on the operating system. For example, on Windows systems the default value is C:\tibco.</p> <p><i>PS_HOME</i> is the directory where the PeopleSoft Application server is installed. For example, if the PeopleSoft Application server is installed at C:\PT8.49 on Windows systems, the value of <i>PS_HOME</i> is C:\PT8.49</p>
code font	<p>Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example:</p> <p>Use MyCommand to start the foo process.</p>
bold code font	<p>Bold code font is used in the following ways:</p> <ul style="list-style-type: none"><li>• In procedures, to indicate what a user types. For example: Type <b>admin</b>.</li><li>• In large code samples, to indicate the parts of the sample that are of particular interest.</li><li>• In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, MyCommand is enabled: MyCommand [<b>enable</b>   disable]</li></ul>

Table 1 General Typographical Conventions (Cont'd)

Convention	Use
<i>italic font</i>	<p>Italic font is used in the following ways:</p> <ul style="list-style-type: none"><li>• To indicate a document title. For example: See <i>TIBCO ActiveMatrix BusinessWorks Concepts</i>.</li><li>• To introduce new terms. For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal.</li><li>• To indicate a variable in a command or code syntax that you must replace. For example: <code>MyCommand <i>PathName</i></code></li></ul>
Key combinations	<p>Key name separated by a plus sign indicate keys pressed simultaneously. For example: Ctrl+C.</p> <p>Key names separated by a comma and space indicate keys pressed one after the other. For example: Esc, Ctrl+Q.</p>
	<p>The note icon indicates information that is of special interest or importance, for example, an additional action required only in certain circumstances.</p>
	<p>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.</p>
	<p>The warning icon indicates the potential for a damaging situation, for example, data loss or corruption if certain steps are taken or not taken.</p>

## How to Contact TIBCO Support

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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:

<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.

## Chapter 1

# Installing TIBCO ActiveMatrix Adapter for PeopleSoft

This chapter provides an overview of the installer, the installation registry, and the additional software required before you can install TIBCO ActiveMatrix Adapter for PeopleSoft.

## Topics

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- [Installer Overview, page 2](#)
- [Adapter Components and Additional TIBCO Software, page 6](#)
- [Pre-Installation Worksheets, page 8](#)

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## Installer Overview

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Before you install the adapter, read this chapter and fill out the [Pre-Installation Worksheets](#).

Software, hardware, other prerequisites, and installation instructions for each platform are in the appropriate section of this document:

- [Chapter 2, Installing on Microsoft Windows Platforms](#)
- [Chapter 3, Installation on UNIX Platforms](#)

## Installation Modes

The following three installation modes are supported on all platforms.

- [GUI Mode](#)
- [Console Mode](#)
- [Silent Mode](#)

### GUI Mode

In 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 either installs using default settings or uses a response file that was saved during an earlier installation. Silent mode installs without prompting you for information.

- If no response file has been recorded earlier and you invoke the installer with the `-silent` argument, the default installation parameters are used.
- If a response file exists and the installer is started with `-options responseFileName` as an argument, the installer uses the values specified by the user when the response file was generated.



## Major, Minor and Patch Releases

Software from TIBCO uses three numbers to indicate whether the release is major, minor or a patch. For example, 6.0.0 indicates a major release, 6.1.0 indicates a minor release and 6.1.1 indicates a patch release.

- For a major or minor release, the installer prompts whether you wish to upgrade, and informs you if incompatible products are on your system. If you proceed, the major or minor release is installed in a new directory that is named using the major or minor release version number.

For example, if you have installed the 6.0.0 (major) release and are upgrading to a 6.1.0 (minor) release, the new release will be installed in a new directory named *install-path6.1*. This allows both the 6.0 and 6.1 releases to coexist on the same machine.

- The installer for a patch release performs an automatic upgrade.

For example, the installer automatically upgrades TIBCO ActiveMatrix Adapter for PeopleSoft 6.0.0 to 6.0.1 by overwriting the contents of the 6.0 directory.

If you are upgrading the adapter, or reinstalling a clean version of the software, you may uninstall the product first or allow the installer to perform the upgrade or reinstall.

If you are reinstalling over the same adapter version:

- You are not prompted to supply the installation location. The software is automatically reinstalled where the previous version was installed.
- If any files are currently locked (that is, in use), the installer marks the file for deletion in the installation location. After installation, the installer prompts you to reboot your system. You must reboot before using the software.

## Calculating Available Disk Space

The installer calculates the disk space required in the adapter's home directory for the selected components. This calculation is done before starting to copy files. The installer will proceed only if sufficient free disk space is available.

If the available disk space is consumed by another process during installation and there is not enough room to finish, the installer may fail and display a failure message.

You can avoid this by not running other processes during installation that consume disk space in the adapter's home directory.

## Installation Registry

The installer maintains an installation registry. (Note that the installer does not recognize TIBCO ActiveEnterprise 4.x products.) The registry location depends on the platform, as described below. The registry files have vpd as a prefix, which stands for Vital Product Database.



Do not edit, modify, rename, move, or remove any of the registry vpd files.

### Microsoft Windows Platforms

TIBCO ActiveEnterprise 6.x products maintain the installation registry in the `SystemDrive:\windows` folder.

The following files represent the installation registry for Microsoft Windows 2003:

```
SystemDrive:\User_Home\vpd.properties
SystemDrive:\User_Home\vpd.properties.tibco.systemName
```

The following files represent the installation registry for Microsoft Windows XP:

```
SystemDrive:\windows\vpd.properties
SystemDrive:\windows\vpd.properties.tibco.systemName
```

### UNIX Platforms

If installation is performed by a regular user (non-root), the installation registry is maintained in the following files in the user's home directory:

```
User_Home/vpd.properties
User_Home/vpd.properties.tibco.systemName
```

If installation is performed by a super-user (root), the installation registry is maintained in the Native registry database:

- On Solaris and HP-UX, in the root user's home directory ( / ) as vpd files.
- On AIX, in /usr/lib/objrepos as vpd files and in the install database.
- On Linux, in the /root directory as vpd files.

## Installation History

The installer and uninstaller create a file called `TIBCOInstallationHistory.xml` in the same location where the installation registry is created. Each time an installation or uninstallation is performed, entries are appended to the file.

- On Microsoft Windows:  
`SystemDrive:\windows\TIBCOInstallationHistory.xml`

- On UNIX: *User\_Home/TIBCOInstallationHistory.xml*

The `TIBCOInstallationHistory.xml` file contains the record of all installation and uninstallation activities of all TIBCO products, features, and components.



Do not edit, modify, rename, move, or remove the `TIBCOInstallationHistory.xml` file.

## Adapter Components and Additional TIBCO Software

You can install the software on different machines and use them across the network. For example, you can use TIBCO Designer on one machine to configure a TIBCO ActiveMatrix Adapter for PeopleSoft adapter on another machine.

### Adapter Components

Table 2 describes the components of the adapter installation package.

Table 2 TIBCO ActiveMatrix Adapter components

Component	Description
Runtime	This process does the actual work of passing and converting data to and from the vendor application.
Design time	Adapter-specific GUI that is loaded in TIBCO Designer (see next section for details) at configuration time.  This component includes the palette and samples that demonstrate how TIBCO ActiveMatrix Adapter for PeopleSoft interacts with TIBCO ActiveMatrix BusinessWorks.
Documentation	This component is required for context sensitive help.

### Required and Optional TIBCO Products

The TIBCO Runtime Agent must be installed before installing the adapter. Depending on your configuration, you may also need to install additional TIBCO products.

The next table describes the TIBCO Runtime Agent and the additional TIBCO products you may be installing. For the supported versions of the listed products, refer to *TIBCO ActiveMatrix Adapter for PeopleSoft readme.txt*.

Table 3 Required and optional TIBCO products

Product	Purpose
TIBCO Runtime Agent	<p>(Required by the adapter) TIBCO Runtime Agent includes TIBCO Designer along with a number of TIBCO and third-party libraries used by the adapter and other TIBCO products. This includes, for example, TIBCO Rendezvous software.</p> <p>You must install TIBCO Runtime Agent before you install TIBCO ActiveMatrix Adapter for PeopleSoft.</p>
TIBCO Administrator	<p>(Required for deployment) TIBCO Administrator includes the following modules:</p> <ul style="list-style-type: none"><li>• User Management. Management of authentication, roles and users, that is, connecting roles (groups) and users to access control lists (ACLs). This includes security for server-based projects at design-time and for deployed applications at runtime.</li><li>• Resource Management. Monitoring of machines and of all running applications in a TIBCO administration domain. Alerts can be created, for example, to notify an administrator if the number of processes or disk usage exceeds a certain number.</li><li>• Application Management. Uploading of Enterprise Archive (EAR) files, creation, configuration, deployment, and monitoring of applications. This console is also used to start and stop applications.</li></ul> <p>TIBCO Administrator is available as a separate installation and can be installed after installing the adapter.</p>
TIBCO Enterprise Message Service	<p>(Optional) TIBCO Enterprise Message Service allows you to send messages from your applications in a format that conforms to the Java Messaging Service (JMS) specification. It also extends the JMS specification with a reliable delivery mode and a no-acknowledge acknowledgement mode.</p> <p>TIBCO Enterprise Message Service is available as a separate installation and can be installed after installing the adapter.</p>
TIBCO ActiveMatrix BusinessWorks	<p>(Optional) TIBCO ActiveMatrix BusinessWorks is a scalable, extensible, and easy to use integration platform that allows you to develop integration projects. TIBCO ActiveMatrix Adapters are typically part of integration projects created using BusinessWorks.</p> <p>TIBCO ActiveMatrix BusinessWorks is available as a separate installation and can be installed after installing the adapter.</p>

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## Pre-Installation Worksheets

The most time-consuming part of an adapter installation is the collection of environment information and parameters. This section helps you complete this process.

Use these forms to gather information from the various system administrators and other sources within your organization before installing the adapter.

- [Adapter Machine Information, page 8](#)
- [PeopleSoft Server Information, page 9](#)
- [PeopleSoft Software, page 10](#)

### Adapter Machine Information

The information below is required during installation of TIBCO ActiveMatrix Adapter for PeopleSoft.

Table 4 Adapter machine information worksheet

Adapter Information	Description	Value for Your Machine
Hostname	Name of the machine on which the adapter is being installed.  (Example: adapter1.tibco.com)	
IP address	IP address of the machine on which the adapter is being installed.	
TIBCO home directory path	This is the directory where TIBCO Runtime Agent was installed. TIBCO Runtime Agent must be installed on each machine where the adapter will be installed.  (By default, this is C:\tibco on Microsoft Windows)	
Installer user account	Account to log on to the machine with and run the installer. This user must have write permission to the TIBCO home directory.  (Example: administrator)	

Table 4 Adapter machine information worksheet (Cont'd)

Adapter Information	Description	Value for Your Machine
Installer user password	Password for the installer user account above.	
Installer user domain (Windows only)	Network domain to which the user account above belongs. (Example: ENGR2)	
Adapter installation package	Obtain the correct TIBCO ActiveMatrix Adapter for PeopleSoft installation package. This is available on CD, FTP, network drive, or <a href="http://download.tibco.com">http://download.tibco.com</a> as appropriate.	

## PeopleSoft Server Information

Information about the application server is shown in Table 5.

Table 5 PeopleSoft Server Information

Field Name	Field Description
User account for adapter (Example: jsmith)	PeopleSoft account to be used by the adapter.
Password for adapter (Example: 1\$todo)	Password for the above account.
Application Server hostname (Example: sapserver1.tibco.com)	Name or IP of the machine hosting the PeopleSoft Application Server.
JOLT listener port (default: 9000) (This is not the Workstation Listener port, default: 7000)	The port on which the JOLT is listening. Refer to <i>PeopleBooks</i> for more information on JOLT.
PeopleTools version (Example: 8.49)	The version of PeopleTools installation whose PSJOA.JAR will be used by the adapter.

PeopleSoft Software

The adapter requires access to PSJOA.JAR, which can be found in your PeopleTools installation folder (On Microsoft Windows typically at, PeopleTools\_Home\Web\PSJOA). This file must be from a PeopleTools version compatible with your server. Please contact your PeopleSoft administrator to locate this connectivity library.

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## Chapter 2      **Installing on Microsoft Windows Platforms**

This chapter describes how to install TIBCO ActiveMatrix Adapter for PeopleSoft on a Microsoft Windows platform.

### Topics

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- [Installation Prerequisites, page 12](#)
- [Installing the Adapter on Microsoft Windows, page 14](#)
- [Post-Installation Tasks, page 23](#)

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## Installation Prerequisites

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

Product dependencies at install time are resolved at user level through the installation registry maintained at the user's home directory. See [Installation Registry on page 4](#) for more information.

The following is a list of prerequisites for installing the adapter on Microsoft Windows systems. These prerequisites are discussed in the next sections.

- [Installer Disk Space Requirements in Temporary Area, page 12](#)
- [Supported Platforms and Disk Space Requirements, page 12](#)
- [Required TIBCO Products, page 13](#)
- [Supported Applications, page 13](#)

### Installer Disk Space Requirements in Temporary Area

The installer requires 54 MB of free space in the temp directory. The entire package is extracted into a temp folder, typically:

```
SystemDrive:\Temp or
SystemDrive:\Documents and Settings\user_name\Local Settings\Temp
```

### Supported Platforms and Disk Space Requirements

[Table 6](#) lists the supported platforms for this release, the platform-specific installation packages, and the disk space requirements for the supported platforms.

Table 6 Supported platforms and disk space requirements for Microsoft Windows

Platform	Hardware Platform	Installation Package Name	Disk Space (MB)
<ul style="list-style-type: none"><li>Microsoft Windows Server 2003 (Enterprise Edition)</li></ul>	x86  (32 bit and 64-bit platforms)	TIB_adpsft8-suite_6.0.0_x86.exe	75 MB
<ul style="list-style-type: none"><li>Microsoft Windows Server 2008</li></ul>			

Required TIBCO Products

Before you can install the adapter, you must install TIBCO Runtime Agent. If you use the typical TIBCO Runtime Agent installation, the installer places all of its libraries and other products required by the adapter into the TIBCO HOME directory, C:\tibco.

During installation, the adapter installer checks for the availability of all required products. If any are not available, the installer immediately exits. When all products are available, you can proceed with the installation.



When you install the adapter, extract the TIBCOTARGETConnector.jar file to the following location in the Web Server:

PS\_HOME\webserv\peoplesoft\applications\peoplesoft\PSIGW\WEB-INF\classes\com\peoplesoft\pt\integrationgateway\targetconnector.

Copy the tibjms.jar to  
PS\_HOME\webserv\peoplesoft\applications\peoplesoft\PSIGW\WEB-INF\lib.

Supported Applications

The adapter requires the PeopleSoft Application using Microsoft SQL Server 2000 Enterprise Edition , Microsoft SQL Server 2005, Oracle 9i, Oracle 10g with PeopleTools 8.46, 8.47, 8.48, and 8.49.



The adapter does not require the PeopleSoft application to be installed on the same machine as the adapter. Only the PSJOA.JAR file, which is required by the adapter, should be present on the machine where the adapter is installed.

## Installing the Adapter on Microsoft Windows

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You can either download the adapter package or install the package from a CD. The installer prompts you to accept the license agreement, then to choose to perform a typical install or custom install.

- A typical install has minimal prompts and installs standard components in default locations.
- A custom install prompts you to choose which components of the product suite to install and installs only those components.

The installer checks your system for the installation home directory that was established when TIBCO Runtime Agent was installed. The adapter is installed under the installation home directory.

You must use the administrator account to install this product. If you do not have administrator privileges, the installer will exit. You must then log out of the system and log in as a user with the required privileges.

If you are upgrading the adapter, or reinstalling a clean version of this release, you may uninstall the product first or let the installer take care of overwriting or removing existing files.

If you are reinstalling over the same version:

- The software is automatically reinstalled where the previous version was installed.
- If any files are currently locked (that is, in use), the installer marks the file for deletion in the install location. After installation, the installer prompts you to reboot your system.

### Installing on Microsoft Windows 2003 Terminal Server

There are two modes in Windows Terminal Server: *Execute* and *Install*. Users are logged on by default in Execute mode, which allows them to run applications. To install an adapter so that everyone can use it, log on as administrator in Install mode. When the adapter is installed in the Install mode, the installation registry is maintained in *SystemDrive*: \WINDOWS\.



Windows Terminal Server must be running in remote admin mode, not application sharing mode. The adapter is not supported if installed on a machine that is using Windows Terminal Server in application sharing mode.

The best way to install the adapter on Windows Terminal Server is to use the Add/Remove Programs control panel applet. This automatically sets your mode to Install during the installation and then back to Execute afterwards. Alternatively, you can manually change your mode to Install before starting the installation by typing the following at a command prompt:

```
C:\> change user /install
```

Change back to Execute mode after installation is complete by typing:

```
C:\> change user /execute
```

To check your current mode, type the following:

```
C:\> change user /query
```

## Installing the Adapter

You can use any of the following modes to install TIBCO ActiveMatrix Adapter for PeopleSoft on Microsoft Windows platforms:

- [Install Using GUI Mode, page 15](#)
- [Install Using Console Mode, page 20](#)
- [Install Using Silent Mode, page 21](#)
- [Install Using a Response File \(or a Template file\), page 21](#)

### Install Using GUI Mode

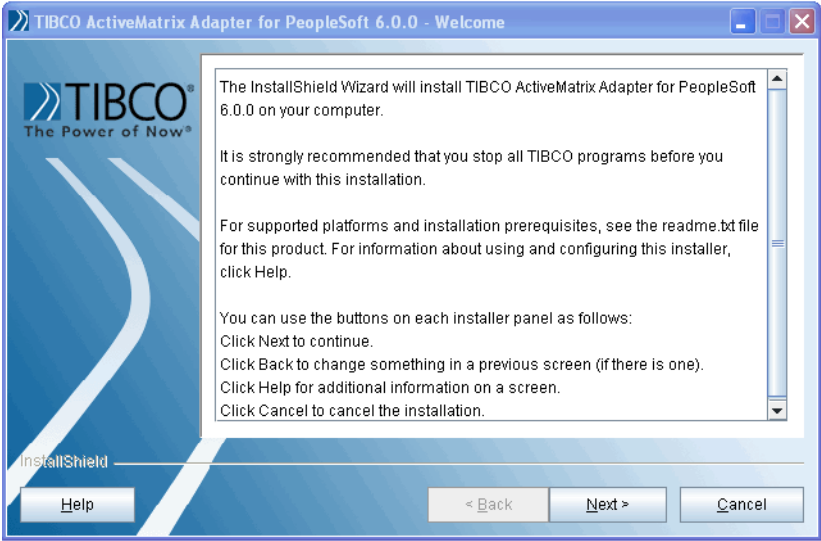
To install the adapter in GUI mode, follow these steps:

1. Open the physical media or download the TIBCO ActiveMatrix Adapter for PeopleSoft package.
2. Extract the product's archive file to a temporary directory.
3. Navigate to the temporary directory.
4. Run ***installationPackageName***

You can do so in one of the following ways:

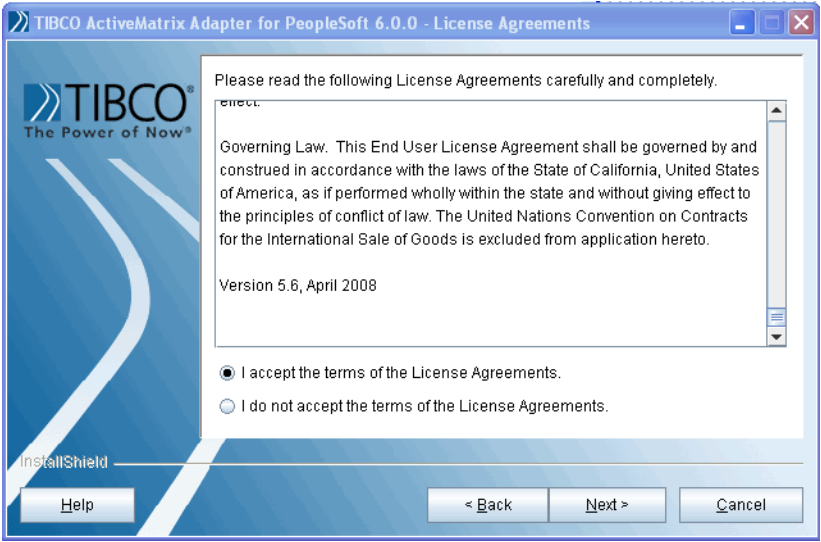
- Double-click the installer icon.
  - On the command prompt, provide the absolute path of the installer file on without specifying any options. The installer defaults to the GUI mode.
5. The Welcome screen appears, as shown in [Figure 1](#). Click the **Next** button.

Figure 1 Welcome Screen



6. The License Agreement screen appears, as shown in Figure 2. After reading through the license text, click **I accept the terms of the License Agreement** and then click the **Next** button.

Figure 2 License Agreement Screen



7. The Important Notice screen appears, as shown in [Figure 3](#). Read important notice and click the **Next** button.

Figure 3 Important Notice Screen



8. The Setup Type screen appears, as shown in [Figure 4](#). Select one of the following two installation types to install.

— Typical Install

The Typical installation type installs all the products in the package on the specified platform.

If you select **Typical Install**, proceed to [step 9](#).

— Custom Install

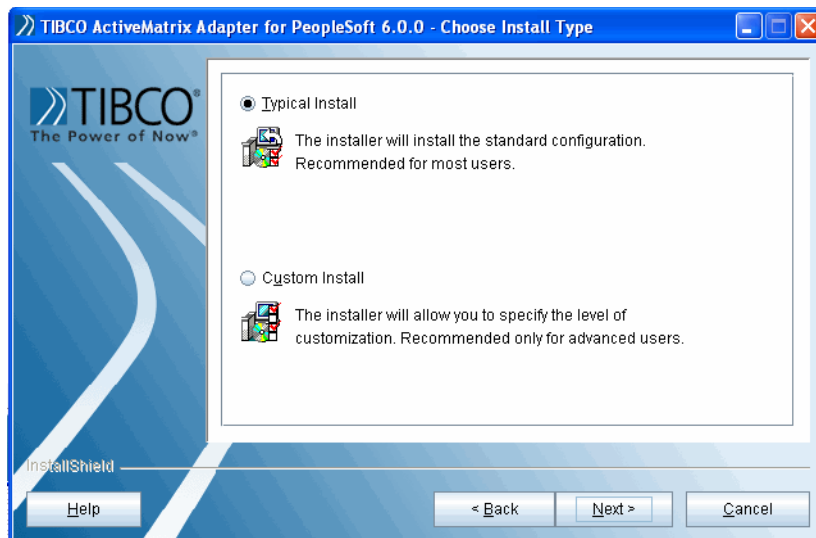
The Custom installation type allows you to select products and components. If you select **Custom Install**, the Product Features screen appears listing the components available for installation. By default, all the components are selected. Uncheck the checkboxes next to the components you don't want installed. Click the **Next** button.

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Figure 4 Setup Type Screen

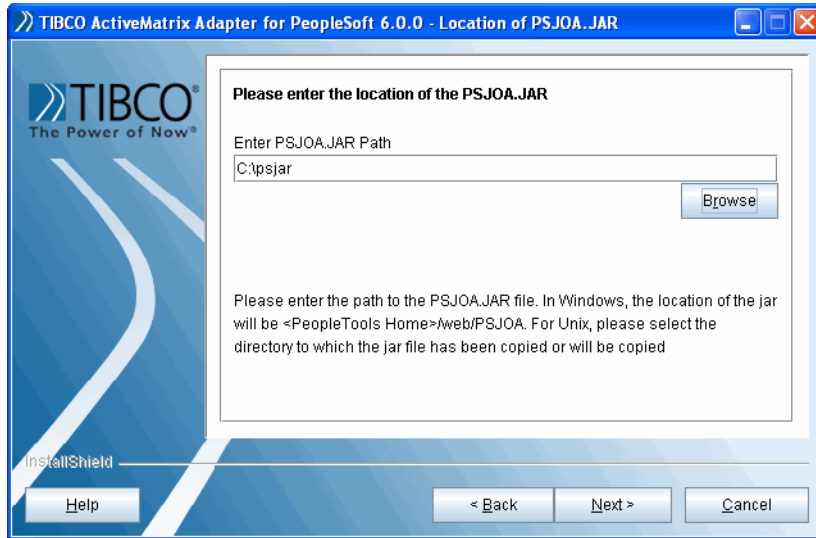


9. The Location of PSJOA.JAR screen appears, as shown in [Figure 5](#). Click the **Browse** button to specify the install location for `psjoa.jar`, and then click the **Next** button.

The PeopleSoft JAVA Object Adapter file (`psjoa.jar`) is provided with PeopleSoft in the `PS_HOME/web/PSJOA` directory. This file is different for every version of PeopleSoft.

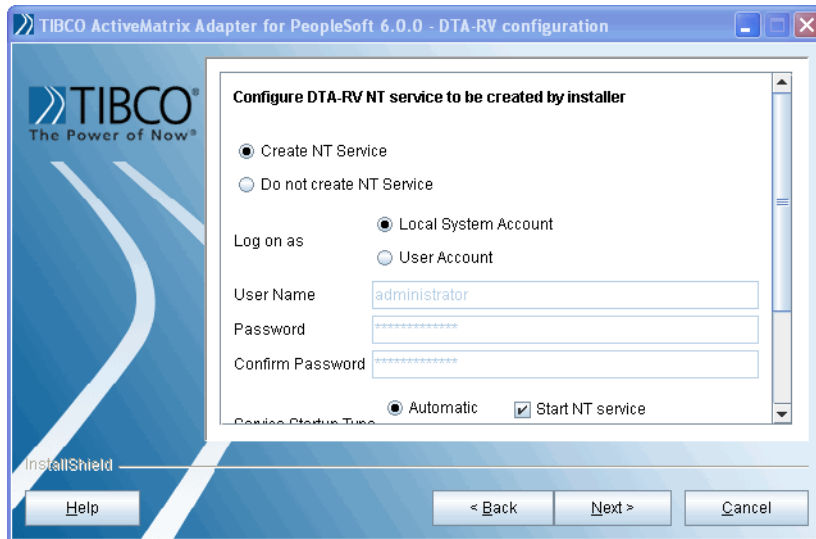


Figure 5 Location of PSJOA.JAR Screen



10. The DTA-RV Configuration screen appears, as shown in Figure 6. Choose whether you want to create and configure DTA-RV NT Service. Click the **Next** button.

Figure 6 DTA-RV Configuration Screen



11. The DTA-JMS Configuration screen appears, as shown in [Figure 7](#). Choose whether you want to create and configure DTA-JMS NT Service. Click the **Next** button.

Figure 7 DTA-JMS Configuration Screen



12. The Installation Preview screen appears. Click the **Next** button to proceed with the installation.
13. The Post Install Summary screen appears. Click the **Finish** button to complete the installation process and close the installer window.

## Install Using Console Mode

Console mode allows you to install the software from a command window. The installer prompts you for values.

To execute the installation program from a command window, type the following command:

```
installationPackage -s -a -is:javaconsole -console
```

When installing in console mode, you can move through the installation process as shown:

- Enter Key = Moves forward in the installer.
- 2 = Goes back to previous screen.
- 3 = Cancels the installer and exits the installation or uninstallation.

- 4 = Redisplays the current screen.

## Install Using Silent Mode

This mode installs the adapter in a command window without prompting you for any information during installation. It installs the adapter using default values.

To execute the installation program from a command window, type the following command:

```
installationPackage -s -a -is:silent -silent
```

## Install Using a Response File (or a Template file)

When installing the adapter in Console mode, the installer prompts you for information during installation and saves your answers in a response file. The response file can be used during subsequent installations to create another instance using the same values as the original installation, either with or without prompting for changes.

To install the software in a console window and generate a response file, type the following command:

```
installationPackage -s -a -is:javaconsole -console -options-record  
responseFilePath
```



There is no space between `-options` and `-record` in the above command.

You can also generate a template file during installation. The template file is similar to a response file, but the values are not filled in. You can edit the template file to generate a response file.

To install the software in a console window and generate a template file, type the following command:

```
installationPackage -s -a -is:javaconsole -console -options-template  
templateFilePath
```



- There is no space between `-options` and `-template` in the above command.
- The response file does not record selections at the component level. It does record all other selections, such as which products you installed.

After generating a response file, you can use it to install the adapter in silent mode or console mode.

- In silent mode, you are not prompted during installation. The adapter is installed using the values in the response file.

Type the following command:

```
installationPackage -s -a -is:silent -silent -options responseFilePath
```

- In console mode, you are prompted for values during installation. The values in the response file are presented as suggested defaults.

Type the following command:

```
installationPackage -a -options responseFilePath
```

## Post-Installation Tasks

---

Complete the following tasks to finish the installation process:

- [Task A, Set Environment Variables, on page 23](#)
- [Task B, Install Additional TIBCO Software, on page 23](#)

### Task A Set Environment Variables

Environment variables are set automatically on Microsoft Windows platforms through the adapter properties file.

The properties file of the adapter has a property called `tibco.env.PATH`. At installation, the installer updates the `tibco.env.PATH` property with the location of the TIBCO software required by the adapter.

For example, for TIBCO ActiveMatrix Adapter for PeopleSoft, the installer writes the `tibco.env.PATH` as follows:

```
C:\tibco\tra\5.6\hotfix\bin;C:\tibco\tra\5.6\hotfix\lib;C:\tibco\tra\5.6\bin;C:\tibco\tibrv\8.1\bin;C:\tibco\tibrv\8.1\lib;C:\tibco\tpcl\5.6\bin
```

Ensure that the `tibco.env.PATH` parameter value is correct for the adapter. Also, remember to back up the default adapter properties file before you modify it.

### Task B Install Additional TIBCO Software

If you will be using any of the following TIBCO products, install them now. These products are not provided with TIBCO ActiveMatrix Adapter for PeopleSoft.

- TIBCO Administrator
- TIBCO ActiveMatrix BusinessWorks

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## Chapter 3      **Installation on UNIX Platforms**

This chapter describes how to install TIBCO ActiveMatrix Adapter for PeopleSoft on UNIX platforms.

### Topics

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- [Installation Prerequisites, page 26](#)
- [Installing TIBCO ActiveMatrix Adapter for PeopleSoft on UNIX, page 29](#)
- [Post-Installation Tasks, page 32](#)

## Installation Prerequisites

---

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

Product dependencies at installation time are resolved at user level through the installation registry maintained at the user's home directory. See [Installation Registry on page 4](#) for more information.

The following is a list of prerequisites for installing the adapter on Microsoft Windows systems. These prerequisites are discussed in the next sections.

- [Installer Disk Space Requirements in Temporary Area, page 26](#)
- [Supported Platforms and Disk Space Requirements, page 27](#)
- [Required TIBCO Products, page 13](#)
- [Supported Applications, page 13](#)

### Installer Disk Space Requirements in Temporary Area

The installer requires 180MB of free space in the temporary directory. The installer launcher first extracts a Java Virtual Machine (JVM) in a temporary directory and uses this JVM to launch itself. Typically, the temporary directory is : /var/tmp or /tmp

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

```
installationPackage -is:tmpdir /new_tmp
```

where *new\_tmp* has sufficient free disk space.



Supported Platforms and Disk Space Requirements

Table 7 lists the supported platforms for this release, the platform-specific installation packages, and the disk space requirements for the supported platform.

Table 7 Supported platforms, package names, minimum patches, and disk space for Unix

Platform	Hardware Platform	Installation Package Name	Disk Space (MB)
Solaris 9, 10	SPARC	TIB_adpsft8-suite_6.0.0_so18_sp arc_java_32.tar	95MB
		TIB_adpsft8-suite_6.0.0_so18_sp arc_java_64.tar	
HP-UX 11i	PA-RISC	TIB_adpsft8-suite_6.0.0_hpux111 _hppa_java_32.tar	130MB
		TIB_adpsft8-suite_6.0.0_hpux111 _hppa_java_64.tar	
HP-UX 11i v2, v3	Itanium	TIB_adpsft8-suite_6.0.0_hpux112 _ia64_java_64.tar	145MB
IBM AIX 5.3, 6.1	POWER	TIB_adpsft8-suite_6.0.0_aix52_p ower_java_32.tar	100MB
		TIB_adpsft8-suite_6.0.0_aix52_p ower_java_64.tar	
Red Hat Linux Enter- prise 4.x, 5.x	x86	TIB_adpsft8-suite_6.0.0_linux24 g123_x86_java_32.tar	110MB
		TIB_adpsft8-suite_6.0.0_linux24 g123_x86_java_64.tar	

Required TIBCO Products

Before you can install the adapter, you must install TIBCO Runtime Agent. If you use the typical TIBCO Runtime Agent installation, the installer places all of its libraries and other products required by the adapter into the *TIBCO\_HOME* directory.

During installation, the adapter installer checks for the availability of all required products. If any are not available, the installer immediately exits. When all products are available, you can proceed with the installation.



When you install the adapter, extract the `TIBCOTARGETConnector.jar` file to the following location in the Web Server:

```
PS_HOME\webserve\peoplesoft\applications\peoplesoft\PSIGW\WEB-INF\
classes\com\peoplesoft\pt\integrationgateway\targetconnector.
```

Copy the `tibjms.jar` to

```
PS_HOME\webserve\peoplesoft\applications\peoplesoft\PSIGW\WEB-INF\
lib.
```

## Supported Applications

The adapter requires the PeopleSoft Application using Microsoft SQL Server 2000 Enterprise Edition, Microsoft SQL Server 2005, Oracle 9i, Oracle 10g with PeopleTools 8.46, 8.48, and 8.49.



The adapter does not require the PeopleSoft application to be installed on the same machine as the adapter. Only the `PSJOA.JAR` file, which is required by the adapter, should be present on the machine where the adapter is installed.

## Installing TIBCO ActiveMatrix Adapter for PeopleSoft on UNIX

---

You can either download the adapter package or install the package from a CD. The installer prompts you to accept the license agreement, then to choose to perform a typical install or custom install.

- A typical install has minimal prompts and installs standard components in default locations.
- A custom install prompts you to choose which components of the product suite to install and installs only those components.

The installer checks your system for the installation home directory that was established when TIBCO Runtime Agent was installed. The adapter is installed under the installation home directory.

If you are upgrading the adapter, or reinstalling a clean version of this release, you may uninstall the product first or let the installer take care of overwriting or removing existing files.

If you are reinstalling over the same version:

- You are not prompted to supply the installation location. The software is automatically reinstalled where the previous version was installed.
- If any files are currently locked (that is, in use), the installer marks the file for deletion in the install location. After installation, the installer prompts you to reboot your system. You must reboot before using the software.

### Installing the Adapter

You can use any of the following modes to install the adapter.

Before proceeding with the installation, untar the installation package.

- [Install Using GUI Mode, page 30](#)
- [Install Using Console Mode, page 30](#)
- [Install in Silent Mode, page 30](#)
- [Install Using a Response File \(or a Template file\), page 30](#)

## Install Using GUI Mode

A window environment such as CDE (for example, X Windows) is required to run the installer in GUI mode.

GUI mode performs the installation in an interactive graphical interface. The installer prompts you for values specific to your environment. Execute the installation program by typing the following in a terminal window:

```
% ./installationPackageName
```

## Install Using Console Mode

Console mode allows you to install the software in a terminal window. The installer prompts you for values. When installing in console mode you can move through the installation process as shown:

- Enter Key = Moves forward in the installer.
- 2 = Goes back to previous screen.
- 3 = Cancels the installer and exits the installation or uninstallation.
- 4 = Redisplays the current screen.

Execute the installation program by typing the following in a terminal window:

```
% ./installationPackage -console
```

## Install in Silent Mode

This mode installs the adapter in a terminal window without prompting you for any information during installation. It installs the adapter using default values. Execute the installation program by typing the following in a terminal window:

```
% ./installationPackage -silent
```

## Install Using a Response File (or a Template file)

When installing the adapter in Console mode, the installer prompts you for information during installation and saves your answers in a response file. The response file can be used during subsequent installations to create another instance using the same values as the original installation, either with or without prompting for changes.

To install the software in a terminal window and generate a response file, type the following command:

```
% ./installationPackage -options-record responseFilePath
```



There is no space between `-options` and `-record` in the above command.

You can also generate a template file during installation. The template file is similar to a response file, but the values are not filled in. You can edit the template file to generate a response file.

To install the software in a terminal window and generate a template file, type the following command:

```
% ./installationPackage -options-template templateFilePath
```



- There is no space between `-options` and `-record` in the above command.
- The response file does not record selections at the component level. It does record all other selections, such as which products you installed.

After generating a response file, you can use it to install the adapter in silent mode or console mode.

- In silent mode, you are not prompted during installation. The adapter is installed using the values in the response file.

Type the following command:

```
% ./installationPackage -silent -options responseFilepath
```

- In console mode, you are prompted for values during installation. The values in the response file are presented as suggested defaults.

Type the following command:

```
% ./installationPackage -options responseFilepath
```

## Post-Installation Tasks

---

After installation, perform the following tasks.

- [Task A, Set Environment Variables, on page 32](#)
- [Task B, Permission Requirements on UNIX Systems, on page 32](#)
- [Task C, Connecting to PeopleSoft, on page 33](#)
- [Task D, Installing DTA Over JMS as an NT Service, on page 33](#)
- [Task E, Install Additional TIBCO Software, on page 33](#)

### Task A Set Environment Variables

Certain changes to the environment variable settings are required before running TIBCO ActiveMatrix Adapter for PeopleSoft. Execute the appropriate file to automatically make these changes.

For `.csh`, execute `installationPath/bin/adbagent_env.csh`, as shown:

```
% source adbagent_env.csh
```

For `.sh` and `.ksh`, execute `installationPath/bin/adbagent_env.sh`, as shown:

```
$ . adbagent_env.sh
```

The file modifies the following environment variables on UNIX platforms:

- `PATH`
- `SHLIB_PATH` (on HP-UX only)
- `LD_LIBRARY_PATH` (on Solaris and Red Hat Linux)
- `LIBPATH` (on AIX only)

### Task B Permission Requirements on UNIX Systems

All adapter users must have read, write, and execute permissions for the following directories:

```
$TIBCO_HOME/adapter/adpsft8/version_number/bin
$TIBCO_HOME/adapter/adpsft8/version_number/logs
$TIBCO_HOME/tra/version_number/logs
$TIBCO_HOME/logs
```

For example, if the adapter has been installed in `/opt/tibco`, the user who installed the adapter can make these directories writable for all other users by executing the following commands:

```
% chmod a+w /opt/tibco/adapter/adpsft8/version_number/bin/
% chmod a+w /opt/tibco/adapter/adpsft8/version_number/bin/logs
```

```
% chmod a+w /opt/tibco/tra/version_number/logs
```

### Task C Connecting to PeopleSoft

After installing the adapter on UNIX, you must manually copy the `PSJOA.JAR` file that is available in the `PS_HOME\web\psjoa` to the folder specified (at the time of adapter installation) on the UNIX machine on which the adapter is installed. The adapter will use this file to connect to the PeopleSoft application server.

You must also copy the PeopleSoft generated java files manually.

- If you are using PeopleTools, copy the files from the `PS_HOME\web\extapi\PeopleSoft\Generated\CompIntfc` directory to the `TIBCO_HOME\adapter\adpsft8\version_number\psftapi\PeopleSoft\Generated\CompIntfc` directory on the UNIX machine on which the adapter is installed.
- If you are using PeopleTools 8.4x, copy the files from the `PS_HOME\web\psjoa\PeopleSoft\Generated\CompIntfc` directory to the `TIBCO_HOME\adapter\adpsft8\version_number\psftapi\PeopleSoft\Generated\CompIntfc` directory on the UNIX machine on which the adapter is installed.

### Task D Installing DTA Over JMS as an NT Service

DTA over JMS is not installed as an NT service during adapter installation. If you want to install it, navigate to the `TIBCO_HOME\adapter\adpsft8\version_number\bin` directory and execute the following command:

```
adpsft8DTA_JMS --install
```



The uninstaller will take care of stopping (if the service is running) and uninstalling the JMS DTA service.

### Task E Install Additional TIBCO Software

If you will be using any of the following TIBCO products, install them now. These products are not provided with TIBCO ActiveMatrix Adapter for PeopleSoft.

- TIBCO Administrator
- TIBCO ActiveMatrix BusinessWorks

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## Chapter 4

# Uninstalling TIBCO ActiveMatrix Adapter for PeopleSoft

This chapter explains how to uninstall TIBCO ActiveMatrix Adapter for PeopleSoft.

## Topics

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- [Uninstalling the Adapter, page 36](#)

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## Uninstalling the Adapter

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TIBCO Installation Manager is used to uninstall TIBCO products. It allows you to:

- Display installed products
- Display product components
- Display product dependencies and references
- Uninstall products and all references

To launch the TIBCO Installation Manager:

- On Microsoft Windows:

Select **Start > All Programs > TIBCO > TIBCO Installation Manager**

- On UNIX:

*installationPath/tibco/TibcoInstallationManager.bin*

The TIBCO Installation Manager displays all TIBCO software installed on your machine. Details about the selected TIBCO product are displayed in the right-hand rows. Click the **Uninstall** button to remove the selected product. Note that some products cannot be uninstalled from the utility. Instructions about uninstalling these products are listed in the uninstall window (after clicking the **Uninstall** button).

Click the **TIBCO Installation Manager help** button for information about using the program.

## Chapter 5 Loading the Adapter PeopleSoft Project

This chapter describes how to load a pre-built PeopleSoft project into PeopleTools 8.4x before using TIBCO ActiveMatrix Adapter for PeopleSoft.

### Topics

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- [Loading the Adapter PeopleSoft Project, page 38](#)

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## Loading the Adapter PeopleSoft Project

---

The adapter software includes two pre-built PeopleSoft projects (TIB\_PS8\_ADAPTER) that contain the server side adapter code, to be used in PeopleTools 8.4x. These projects also contain Component Interfaces, components, fields, menus, pages, and records. You must set up the projects in your PeopleSoft database before using the adapter.

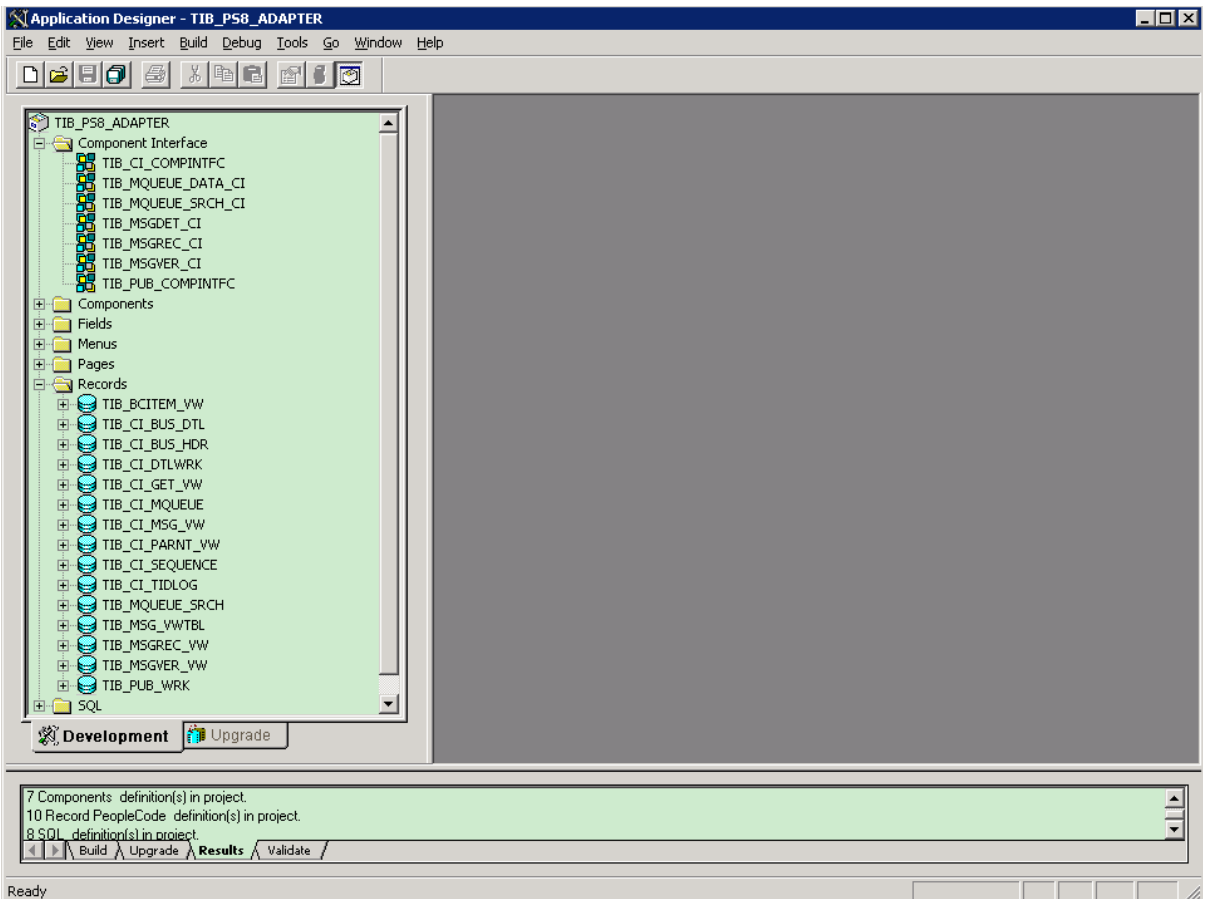
The TIB\_PS8\_ADAPTER project to be imported into PeopleTools 8.4x is located in *TIBCO\_HOME\adapter\adpsft8\version\_number\data\TIB\_PS8\_ADAPTER\_PT 84x* folder.

To import the project into PeopleTools 8.4x, follow these steps:

1. Open PeopleTools 8.4x Application Designer and log in to the server where you want to add the project.
2. Verify that there is no existing TIB\_PS8\_ADAPTER project already in the database.
  - a. Select **File > Open**.
  - b. Select Object Type = Project in the Open Object dialog, then enter **TIB\_PS8\_ADAPTER**. If there is no existing TIB\_PS8\_ADAPTER project, skip to [step 3](#).
  - c. If there is an existing TIB\_PS8\_ADAPTER project, back up any contents of the TIB\_CI\_QUEUE table associated with the project.
  - d. Delete an existing TIB\_PS8\_ADAPTER project by opening the existing project and deleting all of the following in the order shown below:
    - Menus
    - Component Interfaces
    - Components
    - Pages
    - Records
    - Fields
  - e. Delete the TIB\_PS8\_ADAPTER project itself.
  - f. Save the project.
  - g. If necessary, also delete the cache.
  - h. Exit PeopleTools Application Designer and then log in again.

3. Import the project.
  - a. In PeopleTools 8.4x, select **Tools > Copy Project from File ...**
  - b. In the appeared dialog, browse to locate the directory or enter the name of the directory in which the project is located. If you are using PeopleTools 8.4x, the directory will be  
`TIBCO_HOME\adapter\adpsft8\version_number\data\TIB_PS8_ADAPTER_PT84x`. The TIB\_PS8\_ADAPTER project appears in the list.
  - c. Select the TIB\_PS8\_ADAPTER project to open it.
  - d. In the dialog, make sure all the object types are selected, then click **Copy**. The following sample screen shows the structural view of the TIB\_PS8\_ADAPTER project in the PeopleTools 8.4x Application Designer.

Figure 8 View of the Adapter's PeopleSoft Project in the 8.4x Application Designer



4. If you are using an Oracle database, you need to create a separate tablespace for adapter records. If you are not using an Oracle database, skip to step 5. Tablespaces created for the adapter records will not be visible from the Application Designer until records are assigned to it.

Use the following steps to create a tablespace and assign records.

- a. Create a tablespace in the Oracle database exclusively for adapter records. The recommended size for the tablespace is 50MB. If you want to increase the tablespace size, contact your database administrator.
- b. Log in to the target PeopleSoft database using PeopleTools Application Designer.
- c. Import the project as described in step 3, if you have not already done so.
- d. Select **Tools > Data Administration > Rename Tablespace ...** in the Application Designer. The Space Name drop-down list contains a null value, which is a tablespace that does not have a name. This is because the adapter records copied have not been assigned to any tablespace.
- e. Select that null value from the drop-down box. The names of the adapter records will display in the Records Allocated On This Space field.
- f. Enter the name of the tablespace created for the adapter records in the Rename To field.
- g. Click the **OK** button.
- h. Log off and log on to the Application Designer again.



For PeopleTools 8.4x, follow the steps mentioned below:

Create the new tablespace:

1. Create the new tablespace in the Database.
2. Open a record(s) to be allocated to the new tablespace.
3. Select the option **Tools > Data Administration > Set Tablespace** and type the new tablespace name.
4. Select **Tools > Data Administration > Tablespace DDL** and change the original setting if required.
5. Save the record.

A new tablespace is added.

Once the tablespace is allotted in the above manner, you can build the project in Application Designer.

The Set Tablespace will be enabled by performing the following operation:

1. Open Application Designer.
2. Click **File > Open > Records**
3. Select any record starting with TIB\_.
4. Now browse to **Tools > Data Administration** with the focus on the right hand panel in your application designer where the record fields are displayed.

Refer to *PeopleTools PeopleBook* for more information.

5. Once copying is completed, you need to build the project. To do this:
  - a. Open the TIB\_PS8\_ADAPTER project, then select **Build > Project**.
  - b. In the Build dialog box, click the Settings button to select all the options that will regenerate tables, views, and indexes.
  - c. In the Build dialog box, select the Create Tables check box and the Create Views check box. In the Build Execute Options group box, click **Execute and build script** option.
  - d. Click **Build** to build the project.

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- 6. Set Permissions for Working with Component Interfaces
  - a. Log in to PIA and navigate to **PeopleTools > Security > Permission & Roles > Permission Lists**. The Permission Lists pane appears on the right.
  - b. Find **HCCPCSSA1000 CS Administration - All Pages** in the Permission List, as shown in [Figure 9](#).

Figure 9 Set Permissions - Step1



- c. Click to open the **HCCPCSSA1000 CS Administration - All Pages** page.
- d. Under the Page tab, add or find **TIBCO\_MAINT\_MENU** to the pages list and grant all permission to the related components.
- e. Under the Component Interfaces tab, add or find the desired component interfaces to grant permissions. For example, if you want to work with the *Country* component interface, you need to make sure it is in the component interfaces of the Permission List. Edit the Country component interface and click the **Full Access (All)** button, as shown in [Figure 10](#).



Figure 10 Set Permissions - Step2

Component Interface Permissions

COUNTRY

Component Interface Permission Customize Find First 1-5 of 5 Last

Full Access (All)

Method	Method Access
Get	No Access
Create	No Access
Save	No Access
Cancel	No Access
Find	No Access

No Access (All)

OK Cancel

- f. Grant full access permissions for the following component interfaces. If they don't exist, insert them into the Component Interfaces list first.

TIB\_CI\_COMPINTFC  
 TIB\_MQUEUE\_DATA\_CI  
 TIB\_MQUEUE\_SRCH\_CI  
 TIB\_MSGDET\_CI  
 TIB\_MSGREC\_CI  
 TIB\_MSGVER\_CI  
 TIB\_PUB\_COMPINTFC

7. Restart the PeopleSoft application server.

The following table describes all the items in the TIB\_PS8\_ADAPTER project you just imported and built.

Table 8 Description of the Adapter's New PeopleSoft Project

Type of Item	Name	Description
Component Interface	TIB_CI_COMPINTFC	Used by the design-time adapter to retrieve the list of Component Interfaces in the database.
	TIB_MQUEUE_DATA_CI	Used by the Publication Service to retrieve queue records.
	TIB_MQUEUE_SRCH_CI	Used by the Publication Service to retrieve queue records.

Table 8 Description of the Adapter’s New PeopleSoft Project (Cont’d)

Type of Item	Name	Description
	TIB_PUB_COMPINTFC	Used by the design-time adapter to store data back into PeopleSoft. Applicable only to integration scenarios using the Publication Service.
	TIB_MSGVER_CI	Used by the design-time adapter to retrieve names and versions of messages.
	TIB_MSGREC_CI	Used by the design-time adapter to retrieve the details of a particular message.
	TIB_MSGDET_CI	Used by the design-time adapter to retrieve the details of a particular message.
Components	TIB_CI_GROUP	Used by TIB_CI_COMPINTFC.
	TIB_MQUEUE_DATA_COMP	Used by TIB_MQUEUE_DATA_CI.
	TIB_MQUEUE_SRCH_COMP	Used by TIB_MQUEUE_SRCH_CI.
	TIB_PUB_COMP	Used by TIB_PUB_COMPINTFC.
	TIB_MSGVER_COMP	Used by TIB_MSGVER_CI.
	TIB_MSGREC_COMP	Used by TIB_MSGREC_CI.
	TIB_MSGDET_COMP	Used by TIB_MSGDET_CI.
Fields	TIB_ATTRIBUTE_NAME	Name of the field.
	TIB_BCITEMPARENT	Name of the parent field.
	TIB_BCNAME	Name of the Business Event.
	TIB_DESCRIPTION	Description of the field.
	TIB_EVENT_NAME	Stores name of the event.
	TIB_FIELDNAME	Name of the field.
	TIB_FIELDTYPE	Type of the field.

Table 8 Description of the Adapter's New PeopleSoft Project (Cont'd)

Type of Item	Name	Description
	TIB_GUID	Stores GUID - Unique identifier for the message.
	TIB_IS_MSG_TRIGGER	Stores TRUE or FALSE. Purpose is to determine whether to trigger the publisher if this field changes.
	TIB_ISKEY	Key field.
	TIB_ISKEY_FLAG	Stores TRUE or FALSE. Key field.
	TIB_LENGTH	Length of the field.
	TIB_LEVELNUM	
	TIB_MENUACTION	
	TIB_MODE	TIB_MODE has the following values: A - Add. U - Update. L - Update All. C - Correction.
	TIB_MSG_DATA	Content of this field.
	TIB_MSG_FIELDID	
	TIB_MSG_ORIGIN	
	TIB_MSG_TIMESTAMP	Stores Timestamp corresponding to the message.
	TIB_MSG_TYPE	
	TIB_OBJECT_NAME	
	TIB_OPERATION	
	TIB_PARENT_RECNAME	Field Parent Record Name.
	TIB_PARENTRECNAME	Field Parent Record Name.
	TIB_PNLGRPNAME	
	TIB_RECNAME	

Table 8 Description of the Adapter’s New PeopleSoft Project (Cont’d)

Type of Item	Name	Description
	TIB_SEQUENCE_NO	Stores Sequence number of message.
	TIB_SERIALIZEDATA	
	TIB_STATUS	TIB_STATUS can have any of the following values: N - Not processed. I - Intermediate stage. P - Processed successfully. E -Error.
	TIB_MSGNAME	Name of the Application Messaging component.
	TIB_APMMSGVER	Version of Application Messaging.
	TIB_RECDDNAME	Name of the Record.
	TIB_FLDNAME	Name of the Field.
	TIB_FLDTYPE	Type of the Field.
	TIB_PRNTRECNAME	Name of the parent record name.
	TIB_RECALIAS	Name of the record alias name.
	TIB_FLDALIAS	Name of the field alias.
Menus	TIBCO_MAINT_MENU	
Pages	TIB_CI_ADAPTER_WRK	Page that has all the PeopleCode used to capture data from PeopleSoft and store it in the MQUEUE table.
	TIB_CI_MQUEUE_PGE	
	TIB_CI_PUBLISHER	
	TIB_COMP_INTERFACE	
	TIB_MQUE_DATA_PGE	
	TIB_MQUE_SRCH_PGE	
	TIB_MSGVER_PG	

Table 8 Description of the Adapter's New PeopleSoft Project (Cont'd)

Type of Item	Name	Description
Records	TIB_MSGREC_PG	
	TIB_MSGDET_PG	
	TIB_BCITEM_VW	
	TIB_CI_BUS_DTL	Stores the details of the component to be captured.
	TIB_CI_BUS_HDR	Stores the events to be published and in what mode.
	TIB_CI_DTLWRK	
	TIB_CI_GET_VW	
	TIB_CI_MQUEUE	Stores the data to be published.
	TIB_CI_MSG_VW	
	TIB_CI_PARNT_VW	
	TIB_CI_SEQUENCE	Stores the sequence number of the published event.
	TIB_CI_TIDLOG	Has the PeopleCode required for capturing data to be published.
	TIB_MQUEUE_SRCH	
	TIB_PUB_WRK	
	TIB_MSGVER_VW	
	TIB_MSGREC_VW	
	TIB_MSG_VW_TBL	
SQL	TIB_BCITEM_VW	
	TIB_CI_GET_VW	Captures the GETKEYS for a particular Component Interface.
	TIB_CI_MSG_VW	Captures the details of the fields and records to be published.

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Table 8 Description of the Adapter's New PeopleSoft Project (Cont'd)

Type of Item	Name	Description
	TIB_CI_PARNT_VW	Captures the parent-child relationship for Component Interfaces.
	TIB_MQUEUE_SRCH	Captures the range of sequence numbers for TIB Events and groups them by the status (processed/unprocessed).
	TIB_MSGVER_VW	
	TIB_MSGREC_VW	
	TIB_MSG_VW_TBL	
PeopleCode	TIB_CI_TIDLOG.RowInit	This event is fired for all the records the first time a row of data is encountered. This is usually used to set the initial state of a component or a page. The adapter uses this particular record's RowInit event to host the PeopleCode to perform the following: Check if the panel is invoked online. Call a function to get the data to be captured from the TIB tables, only if the panel is invoked online and not via the Component Interface.
	TIB_CI_TIDLOG.SavePreChange	This event is fired just before the data is updated in the database by the PeopleSoft component processor. It gives you one last chance to manipulate the data before it is saved to the database. The adapter uses this particular record's SavePreChange event to host the PeopleCode to perform the following: Set the various global variables. Calls a function to start the processing of an event. Calls a function to write the message to the MQUEUE table after an event has been processed.

Table 8 Description of the Adapter’s New PeopleSoft Project (Cont’d)

Type of Item	Name	Description
	TIB_CI_TIDLOG.FieldFormula	This event is fired in more than one context but primarily it is used to declare and store functions to be used to by PeopleCode of other events. Hence the adapter uses this particular record's FieldFormula event to host the PeopleCode defining various functions, which do the processing required to capture and write the data to the MQUEUE table.

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## Chapter 6      **Installation FAQs and Troubleshooting**

This section lists some common installation errors along with their causes and solutions.

### Topics

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- [Frequently Asked Questions, page 52](#)
- [Running Out of Disk Space, page 55](#)

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## Frequently Asked Questions

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The following questions are frequently asked during installation.

- [Where is the installation log file located?, page 52](#)
- [Will the 6.0 installer recognize a 5.x installation?, page 52](#)
- [Why and how should I set the DISPLAY variable on UNIX platforms for GUI mode?, page 53](#)
- [What is uninst2 directory?, page 54](#)

### Where is the installation log file located?

The installation and uninstallation log files are created in the `TIBCO_HOME\log` directory.

### Will the 6.0 installer recognize a 5.x installation?

TIBCO products follow a three-digit release numbering scheme:

Major.Minor.Maintenance

Product releases that differ in either Major or Minor numbers will be a separate installation and will not recognize the old installation. In this case, 6.0 is a major release and hence will not recognize either 4.x or 5.x product installations.

## Why and how should I set the DISPLAY variable on UNIX platforms for GUI mode?

The installer in GUI mode on UNIX must open an additional window, generally for graphics. It uses the DISPLAY environment variable to tell it on what computer to open the window. If the environment variable is not set, the installer will either wait or abort after displaying:

```
InstallShield Wizard
Initializing InstallShield Wizard...
Preparing Java(tm) Virtual Machine...
.....
.....
.....
```

The DISPLAY variable must be set to the IP address or name of the computer on which the installer graphics window are to be displayed, followed by a screen address, which can be :0.0. For example:

```
# Bourne shell
DISPLAY=<ip_address>:0.0; export DISPLAY

# Korn shell
export DISPLAY=<ip_address>:0.0
```

For example, consider a scenario where you need to install the adapter on a remote HP-UX machine (named *itaska*). Because you have a Solaris 5.6 machine (named *alaska*) that has a video card and monitor installed, you can run an X-window application on it. So you decide to telnet to *itaska* from *alaska*.

When you telnet to *itaska*, you will not get access to *itaska*'s monitor and will be unable to display an X-window application. That is why you must set the DISPLAY variable, which instructs the X-server to redirect all windows to the computer set in the variable. Before doing so, the computer (specified in the DISPLAY variable) must give permissions to share its monitor.

To allow this, enter the following commands:

```
alaska> xhost + # give permission for all to its share monitor
alaska> telnet itaska
Welcome to HP-UX itaska 11.00
User:
Password:
itaska> export DISPLAY=alaska:0.0 # set display on alaska
itaska> TIB_adapter-simple_version_number_h7_110_java.bin -xvf
TIB_tra-suite_version_number_h7_11.tar
```

## What is uninst2 directory?

If the original uninstall directory is in use at uninstallation time, it cannot be removed by the installer program. The installer then creates a second uninstall directory for the second installation. To remove the second installation, you must invoke the uninstall program from the second uninstall directory. The original uninstall directory can also be manually removed, if empty.

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## Running Out of Disk Space

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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 system) begins. The installer will not proceed if sufficient free disk space is not available in 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.

### Resolution

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

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