

webMethods Adapter for PeopleSoft EnterpriseOne Installation and Upgrade Guide

Version 8.98

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This document applies to webMethods PeopleSoft EnterpriseOne Adapter 8.98 and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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About this Guide

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This guide describes how to configure and use webMethods Adapter for Salesforce. It contains information for administrators and application developers who want to interact with Salesforce.com to manage Salesforce objects.

To use this guide effectively, you should be familiar with:

- The Salesforce objects that you want to manage
- Salesforce.com workflow and workflow configurations
- Terminology and basic operations of your operating system
- Be familiar with the setup and operation of Integration Server Administrator.
- The basic concepts and tasks of Software AG Designer.

Document Conventions

Convention	Description
Bold	Identifies elements on a screen.
Narrowfont	Identifies service names and locations in the format <i>folder.subfolder.service</i> , APIs, Java classes, methods, properties.
<i>Italic</i>	Identifies: Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
Monospace font	Identifies: Text you must type in. Messages displayed by the system. Program code.
{ }	Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols.
	Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the symbol.
[]	Indicates one or more options. Type only the information inside the square brackets. Do not type the [] symbols.
...	Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...).

Online Information and Support

Software AG Documentation Website

You can find documentation on the Software AG Documentation website at <http://documentation.softwareag.com>.

Software AG Empower Product Support Website

If you do not yet have an account for Empower, send an email to empower@softwareag.com with your name, company, and company email address and request an account.

Once you have an account, you can open Support Incidents online via the eService section of Empower at <https://empower.softwareag.com/>.

You can find product information on the Software AG Empower Product Support website at <https://empower.softwareag.com>.

To submit feature/enhancement requests, get information about product availability, and download products, go to [Products](#).

To get information about fixes and to read early warnings, technical papers, and knowledge base articles, go to the [Knowledge Center](#).

If you have any questions, you can find a local or toll-free number for your country in our Global Support Contact Directory at https://empower.softwareag.com/public_directory.aspx and give us a call.

Software AG TECHcommunity

You can find documentation and other technical information on the Software AG TECHcommunity website at <http://techcommunity.softwareag.com>. You can:

- Access product documentation, if you have TECHcommunity credentials. If you do not, you will need to register and specify "Documentation" as an area of interest.
- Access articles, code samples, demos, and tutorials.
- Use the online discussion forums, moderated by Software AG professionals, to ask questions, discuss best practices, and learn how other customers are using Software AG technology.
- Link to external websites that discuss open standards and web technology.

Data Protection

Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR). Where applicable, appropriate steps are documented in the respective administration documentation.

1 Overview

This documentation supplement provides installation and upgrade information for webMethods PeopleSoft EnterpriseOne Adapter.

This guide explains how to install, upgrade, and uninstall webMethods PeopleSoft EnterpriseOne Adapter. If you are installing the adapter with webMethods Integration Server (prerequisite) or other webMethods products, see also the *webMethods installation guide* for your release.

After installing or upgrading the adapter, for configuration information see the *Oracle JD Edwards EnterpriseOne Tools Release 8.97 Web Services Gateway Installation and Setup Guide*, which you can find at <http://documentation.softwareag.com/>. Note that the version of the installation and setup guide is 8.97. The guide has not been updated for version 8.98.

2 Supported Backend Servers

You *must* use Enterprise Server with Tools Release 8.98 with PeopleSoft EnterpriseOne Adapter. Version 8.98 of the adapter is built on TR 8.98.0.4.

You *cannot* use PeopleSoft EnterpriseOne ERP 8.0 or OneWorld Xe with PeopleSoft EnterpriseOne Adapter 8.98. The 8.98 version of the adapter will not connect to these servers.

If you require the adapter to connect to Enterprise Server with Tools Release 8.97 or Xe release, use PeopleSoft EnterpriseOne Adapter 8.97. The 8.97 version of the adapter is built on TR 8.97.2.5.

3 Installing and Upgrading Adapter

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Before You Begin

> To prepare to install the adapter

1. If you are going to install the adapter on an existing Integration Server, shut down the Integration Server.
2. Download Software AG Installer from the Empower Product Support website at <https://empower.softwareag.com>.

Installing Adapter

> To install the adapter

1. Start Software AG Installer.
2. Choose the webMethods release from which to install the adapter. If you are going to install the adapter on an existing Integration Server, choose the release that matches the release of that Integration Server. For example, if you are going to install the adapter on Integration Server 9.0, choose the 9.0 release.
3. Specify the adapter installation directory as the Software AG installation directory. If you are going to install the adapter on an existing Integration Server, specify the Software AG installation directory that contains that Integration Server.
4. Choose to install any required webMethods products that are not already installed, such as Integration Server.
5. In the product selection list, go to **Adapters > webMethods PeopleSoft EnterpriseOne Adapter > webMethods PeopleSoft EnterpriseOne Adapter 8.98**.

Software AG Installer installs the adapter package, named PSFT_E1_Adapter, in the *Integration Server_directory* \packages directory. By default, the adapter is enabled.

6. To install documentation for the adapter, select **Documentation > Adapter Readmes and Documentation**.

This step will install the documentation for all adapters. Software AG Installer will install the documentation files in the *Software AG_directory* _documentation directory. Alternatively, you can download the adapter documentation at a later time from <http://documentation.softwareag.com/>.

7. After Software AG Installer completes the adapter installation, close the Installer.
8. Start the Integration Server on which you installed the adapter.

9. Follow the instructions in [“Completing the Install or Upgrade”](#) on page 15.

Upgrading Adapter

➤ To upgrade the adapter

1. Follow the instructions in [“Before You Begin”](#) on page 14 .
2. Follow the instructions in [“Installing Adapter ”](#) on page 14.
3. Follow the instructions in [“Completing the Install or Upgrade”](#) on page 15.

Completing the Install or Upgrade

➤ To complete the install or upgrade

1. Apply all critical fixes to the adapter. To determine whether there are critical fixes, see:
 - The Critical Information section of the webMethods PeopleSoft EnterpriseOne Adapter 8.98 Readme.
 - The [Knowledge Center](#) on the Empower Product Support website.The readme for a fix provides detailed instructions about how to apply the fix.
2. Verify the installation by following the instructions in [“Verifying Adapter”](#) on page 19.
3. Complete the installation by performing the steps in [“Post Installation Instructions”](#) on page 21.

4 Deleting the Existing Adapter Package

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Overview

If you need to delete an existing version of the adapter package, follow the instructions in this section.

Before You Delete the Adapter Package


Before you delete the adapter package, you should save your configuration settings for the PeopleSoft EnterpriseOne Adapter. One way is to take screen shots of the Connection page for each of your connections.

> To take a screen shot of the connection settings


1. From Integration Server Administrator, select **Adapters > EnterpriseOne Adapter**.
2. Click **Connections**.
3. For each connection:
 - a. Click the **View** icon to view the connection settings.
 - b. Take a screen shot of the connection settings screen.

Deleting the Adapter Package

> To delete the adapter package

1. From Integration Server Administrator, select **Packages > Management**.
2. Locate the PSFT_E1_Adapter adapter package in the list and click  **Archive**.

Integration Server creates a backup of the adapter and saves it in the following directory:

Integration Server_directory \replicate\Outbound
3. On the Package Management screen, click  **Delete** for the PSFT_E1_Adapter package.
4. In the file system, navigate to the following directory:

Integration Server_directory \packages
5. Delete the PSFT_E1_Adapter package folder manually if it still exists.

5 Verifying Adapter

> To verify the adapter

1. From Integration Server Administrator, select **Packages > Management**.
2. In the package list, click the name of the PeopleSoft EnterpriseOne Adapter package, PSFT_E1_Adapter.
3. In the **Package Information** section of the screen, verify you have the current version that you just installed or upgraded.

6 Post Installation Instructions

> To complete the installation

1. Follow the instructions in the *Oracle JD Edwards EnterpriseOne Tools Release 8.97 Web Services Gateway Installation and Setup Guide* to configure the required connections. Make sure that you include all the components while configuring connections, including the logging section.

If you are upgrading from an earlier version of the adapter, use the configuration settings you saved when manually deleting the previous version of the adapter package.

2. Shut down Integration Server.
3. Copy the required JDBC driver jar/zip files to the following directory:

- *Integration Server_directory* \lib\jars\custom on Integration Server 9.5 and higher
- *Integration Server_directory* \lib\jars on Integration Server 9.0 and lower

To determine the required JDBC driver jar/zip files, see the *Oracle JD Edwards EnterpriseOne Tools Release 8.97 Web Services Gateway Installation and Setup Guide*.

4. Copy jar files from the Oracle JD Edwards EnterpriseOne Server to the following locations within Integration Server:
 - **The source location** of the JAR files is the following directory on the Oracle JD Edwards EnterpriseOne Server:
EnterpriseServer_Install\System\Classes
 - **The target Integration Server locations** where you need to copy the jar files are:
Integration Server_directory \packages\PSFT_E1_Adapter\code\resources\EnterpriseOne
Integration Server_directory
\packages\PSFT_E1_Adapter\code\resources\E1_GuaranteedEvents
Integration Server_directory
\packages\PSFT_E1_Adapter\code\resources\E1_ReliableEvents
 - **The following lists the jar files to copy:**

- ApplicationAPIs_JAR.jar
- ApplicationLogic_JAR.jar
- Base_JAR.jar
- BizLogicContainer_JAR.jar
- BizLogicContainerClient_JAR.jar
- BusinessLogicServices_JAR.jar
- castor.jar
- commons-codec-1.3.jar
- commons-httpclient-3.0.jar if using PeopleSoft EnterpriseOne Tools 8.x, or httpclient.jar, httpmime.jar, and httpcore.jar if using PeopleSoft EnterpriseOne Tools 9.x
- commons-logging.jar
- Connector.jar
- EventProcessor_JAR.jar
- Generator_JAR.jar
- JdbjBase_JAR.jar
- JdbjInterfaces_JAR.jar
- JdeNet_JAR.jar
- jmxremote.jar
- jmxremote_optional.jar
- jmxri.jar
- log4j.jar
- ManagementAgent_JAR.jar
- Metadata.jar
- MetadataInterface.jar
- PMApi_JAR.jar
- Spec_JAR.jar
- System_JAR.jar
- SystemInterfaces_JAR.jar
- xalan.jar
- xerces.jar

- xmlparserv2.jar
 - XTS.jar
5. Copy the log4j jar files to the following location if you have Integration Server 10.5 or higher version:
- **The source location is:**
webMethods installation_directory\common\lib\ext\log4j
 - **The target Integration Server locations** where you need to copy the jar files are:
Integration Server_directory \packages\PSFT_E1_Adapter\code\resources\EnterpriseOne
Integration Server_directory
\packages\PSFT_E1_Adapter\code\resources\E1_GuaranteedEvents
Integration Server_directory
\packages\PSFT_E1_Adapter\code\resources\E1_ReliableEvents
6. Restart Integration Server.
7. Enable PeopleSoft EnterpriseOne Adapter.
- a. From Integration Server Administrator, select **Packages > Management**.
 - b. In the package list, click **No** in the **Enabled** column of the PeopleSoft EnterpriseOne Adapter package, PSFT_E1_Adapter.

Integration Server enables the packages and updates the **Enabled** column to display **Yes**.

7 Enabling Parallel Asset Initialization

To enable parallel asset initialization for PeopleSoft EnterpriseOne Adapter connections, listeners and listener notifications, you must configure the property as given below:

Note:

Adapter Runtime must also support parallel asset initialization for the configuration changes to take effect. For more information, see *webMethods Adapter Runtime User's Guide*

1. Navigate to Integration Server Administrator and select **Settings > Extended**.
2. In the **Settings > Extended** screen, select **Edit Extended Settings**.
 - Set the property `watt.adapter.ERP.assets.parallelInitialization` to `true`, to enable the parallel asset initialization.

```
watt.adapter.ERP.assets.parallelInitialization=true
```
 - Set the property `watt.adapter.ERP.assets.parallelInitialization` to `false`, to disable the parallel asset initialization.

```
watt.adapter.ERP.assets.parallelInitialization=false
```
3. Select **Save Changes**.

For more information about working with extended configuration settings, see the *webMethods Integration Server Administrator's Guide* of your release.

The property appears in the **Extended Settings** list.

4. Restart Integration Server.

