

**webMethods Oracle Applications Adapter
11.5.7 Predefined Transaction Services
Installation Guide**

Version 6.0

July 2004

This document applies to webMethods Oracle Applications Adapter 6.0 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.

Copyright © 2004 Software AG, Darmstadt, Germany and/or Software AG USA, Inc., Reston, VA, United States of America, and/or their licensors.

Detailed information on trademarks and patents owned by Software AG and/or its subsidiaries is located at <http://documentation.softwareag.com/legal/>.

Use of this software is subject to adherence to Software AG's licensing conditions and terms. These terms are part of the product documentation, located at <http://documentation.softwareag.com/legal/> and/or in the root installation directory of the licensed product(s).

This software may include portions of third-party products. For third-party copyright notices and license terms, please refer to "License Texts, Copyright Notices and Disclaimers of Third Party Products." This document is part of the product documentation, located at <http://documentation.softwareag.com/legal/> and/or in the root installation directory of the licensed product(s).

Contents

- Overview 3
- Requirements 3
- Install the Predefined Transaction Services 3
- Upgrade the Predefined Transaction Services 5
- Uninstall Predefined Transaction Services 10

Overview

This guide provides system requirements for the Oracle Applications 11.5.7 predefined transaction services for use with the webMethods Oracle Applications Adapter 6.0 and explains how to install, upgrade, and uninstall them.



Important! The information in this guide might have been updated since the guide was published. Go to the webMethods Advantage Web site at <http://advantage.webmethods.com> for the latest version of the guide.

Requirements

The 6.0 predefined transaction services for Oracle Applications 11.5.7 support the same platforms and have no software or hardware requirements beyond the webMethods Oracle Applications Adapter 6.0. If you have not yet installed the webMethods Oracle Applications Adapter 6.0, install the adapter before continuing. For instructions, see the *webMethods Oracle Applications Adapter Installation Guide*.



Important! To run the upgrade services, you must be running Integration Server 6.1.

Install the Predefined Transaction Services



Important! This section provides only instructions that are specific to using the webMethods Installer to install the predefined transaction services. For complete instructions on using the webMethods Installer, see the *webMethods Integration Platform Installation Guide*.

Install the 6.0 predefined transaction services on the machine that hosts your webMethods Oracle Applications Adapter 6.0. If you are installing the services in a clustered environment, you must install the services on each webMethods Oracle Applications

Adapter in the cluster, and each installation must be identical. For more information about using the webMethods Oracle Applications Adapter in a clustered environment, see the *webMethods Oracle Applications Adapter User's Guide*.

 To install the predefined transaction services

- 1 Download the webMethods Installer from the webMethods Advantage Web site at <http://advantage.webmethods.com> and start the Installer.
- 2 Shut down the Integration Server that hosts webMethods Oracle Applications Adapter 6.0.
- 3 Specify the installation directory as the webMethods installation directory (by default, webMethods6).
- 4 In the component selection list, navigate to **webMethods Integration Platform ▶ Adapters ▶ webMethods Oracle Applications Adapter 6.0 ▶ Predefined Transactions 11.5.7**. Choose to install **Documentation and Program Files** plus any packages containing the predefined transaction services for Oracle Applications 11.5.7 that you want to install.

The Installer installs the predefined transaction services packages in the *Integration Server_directory/packages* directory. The Installer also installs a shared package named WmOACCommon1157. Documentation for the predefined transaction services is installed in the /doc subdirectory in the WmOACCommon1157 package.



Note: You can install additional predefined transaction service packages later by re-running the Installer.

- 5 After you finish with the Installer, navigate to the Integration Server installation directory and open the OracleAppsInstall.log file. Read the file to make sure the installation process completed successfully.
- 6 Restart the Integration Server.
- 7 You must set up the Oracle Applications database to work with the predefined transaction services you installed. To do this, you install components such as stored procedures, views, and triggers that are specific to the services on the database. For instructions, see the *webMethods Oracle Applications Adapter 11.5.7 Predefined Transaction Services User's Guide*.

Upgrade the Predefined Transaction Services

This section explains how to upgrade 3.0 predefined transaction services so you can use them with webMethods Oracle Applications Adapter 6.0.

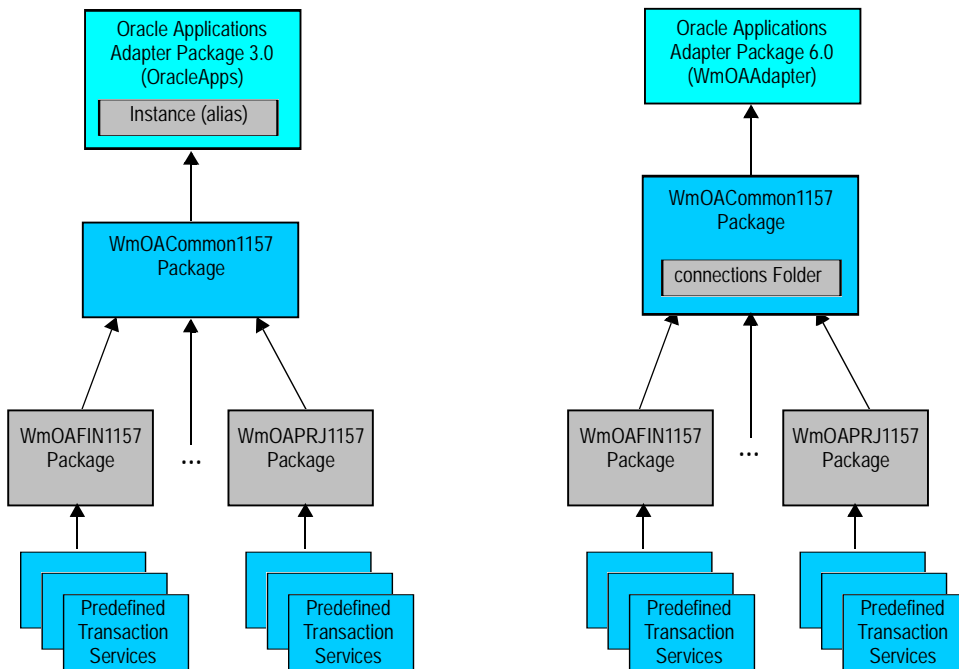


Important! To run the upgrade services, you must be running Integration Server 6.1.

When you upgrade the transaction definitions, you run an upgrade service to first create the 6.0 adapter connection in the WmOACCommon1157 package. Then you run the upgrade service to upgrade each predefined transaction service package. The upgrade service maintains your 3.0 predefined transaction services, and creates a new folder within the package that contains the upgraded predefined transaction services. All upgraded predefined transaction services use the connection object in the WmOACCommon1157 package.

Before upgrade, the instance resides in the OracleApps package as an alias.

After upgrade, a connection package resides in the WmOACCommon1157 package. All 6.0 predefined transaction services use this connection.



To upgrade the transaction definitions

All of the original transaction definitions delivered with the predefined transaction services are stored in the .txp files in the exchange directory of each package. For steps to import all transaction definitions, see the *webMethods Oracle Applications Adapter Installation Guide*.



Important! When importing transaction definitions, make sure to correct your transaction names as necessary using one of the methods described in the Upgrade section of the *webMethods Oracle Applications Adapter Installation Guide*:

- In the Common package, rename `getProjectID` to `getProjectId`.
- In the Procurement package, rename `setRCVTxn` to `setRCVTxn`.
- In the Procedure package, rename `setPurchaseOrderTxn` to `setPOTxn`.

To upgrade the predefined transaction services



Note: The following procedures will not work if the predefined transaction services have been renamed.

- 1 Upgrade the `WmOACCommon1157` package:
 - a For the `commonOA1157.utils:getInventoryItemId:changegetInventItemIdtogetInventoryItemId` service, change the transaction name assigned to the `wm.OracleApps.OAGenerated:transactionSelect` invocation from `getInventItemId` to `getInventoryItemId`. To do so, use one of the methods described in the Upgrade section of the *webMethods Oracle Applications Adapter Installation Guide*.
 - b In the Navigation panel of the Developer, unlock the `WmOACCommon1157` package.
 - c Expand the `WmOAAadapterUpgrade` package, and then run the `pub.adapter.wmoa.upgrade.userServices:UpgradePTSPackage` service with these parameters:

Parameter	Description
OracleApps Version	Required. The version of Oracle Applications. Values: 1157
Package ID	Required. The package that contains the common services. Values: Common

- d When the service completes, it creates a connection object, OracleAppsDB, in a new subfolder named **OAcconnections** under the WmOACommon1157 package. This is the connection that will be used by all the predefined transaction services.
- 2 Switch to Edit perspective.
- 3 For each of the transaction definitions listed in the table below, correct the transaction name assigned to the wm.OracleApps.OAGenerated:transactionSelect invocation:
 - a In Developer, right-click the service and select **Lock for Edit**.
 - b Highlight the invocation step that calls the wm.OracleApps.OAGenerate:transactionSelect service.
 - c Click the **Pipeline** tab.
 - d Double-click the **Set Value** icon for *transactionRecord*.
 - e Highlight the first entry in the pop-up window and click the **Edit** button.
 - f In the **Enter Input Values** dialog box, correct the transaction name and click **OK** twice.
 - g Click **Save**, and then right-click the service and select **Unlock** from the menu.

Package Name	Transaction Definition
Finance Package	■ receivables1157.intoOA.autolInvoice.utils:execAutolInvoiceConcPgm Change execAutolInvoiceConcPgm to execAutolnvConcProg.
	■ generalLedger1157.queryOA.GLBalance.custom:queryGLBalance Change queryGLBalance to queryGLBalanceTxn.
	■ generalLedger1157.intoOA.journal.utils:executeJournalConcProg Change executeJournalConcProg to execJournalConcProg.
	■ receivables1157.intoOA.autolInvoice.utils:checkAutolnvTabStatus Change checkAutolnvTabStatus to checkAutolnvImportStatus.
Manufacturing package	■ inventory1157.intoOA.customerItem.utils:execCustItemConcProg Change execCustItemConcProg to execPOConcProg.
	■ inventory1157.queryOA.onHandQuantity.custom:queryOnHandQuantity Change queryOnHandQuantity to queryOnHandQuantityTxn.
Procedure Package	■ purchasing1157.intoOA.PO.utils:executePOConcProg Change executePOConcProg to execPOConcProg.

-
- 4 Rename the OrderManagement1157.intoOA.salesOrder.custom:getSalesOrder_ERR service in the Order management package to reflect the naming convention used for service generation:
 - a In Developer, right-click the OrderManagement1157.intoOA.salesOrder.custom:getSalesOrder_ERR service and select **Rename**.
 - b Change getSalesOrder_ERR to getSalesOrderImport_ERR, and then click **Save**.
 - 5 Upgrade the predefined transactions by running the pub.adapter.wmoa.upgrade.userServices:UpgradePTSPackage service again for each of the Oracle Applications package you use:
 - a In the Navigation panel of the Developer, unlock the WmOAPackageID1157 package, replacing *packageID* with one of the following values for the type of package you are upgrading: HR, FIN, MFG, OMG, PRC, PRJ.
 - b Expand the WmOAAAdapterUpgrade package, and then run the pub.adapter.wmoa.upgrade.userServices:UpgradePTSPackage service with these parameters:

Parameter	Description
OracleApps Version	Required. The version of Oracle Applications. Values: 1157
Package ID	Required. The package that contains the predefined services used by an Oracle Applications module. Values: HR, FIN, MFG, OMG, PRC, PRJ

- c After the service completes, check the log file for error and completion information. The log file is named *3.0sourcePackageName_serviceType_Upgrade*.

- 6 Update your package dependency:
 - a Open the WmOACCommon1157 package.
 - b On the **Settings** tab, verify the package version and package dependencies. If necessary, set these values as follows:

Parameter	Setting
Package version	Required. The version of the WmOACCommon1157 package. Value: 6.0
Package	Required. The name of the package on which the WmOACCommon1157 package has a dependency. Value: WmOAAadapter Note: For subsequent packages, set this parameter to WmOACCommon1157.
Version	Required. The version of the dependent package. Value: 6.0

- c Save any changes you made.
- 7 Repeat steps 3-6 for each Oracle Applications package you use, but make sure to use WmOACCommon1157 as the package dependency for subsequent packages.

Uninstall Predefined Transaction Services

This section provides instructions for using the webMethods Uninstaller to uninstall the predefined transaction services used with a new installation of the webMethods Oracle Applications Adapter 6.0. For complete instructions on using the webMethods Uninstaller, see the *webMethods Integration Platform Installation Guide*.



Important! You cannot use these instructions to uninstall the 3.0 predefined transaction services after they have been upgraded for use with the 6.0 adapter. Instead use the Integration Server package management feature to delete the package. For more information about deleting a package, see the *webMethods Integration Server Administrator's Guide*.

To uninstall predefined transaction services

- 1 From the Oracle Applications database, remove all components for the predefined transaction services you are going to uninstall. For instructions, see the *webMethods Oracle Applications Adapter 11.5.7 Predefined Transaction Services User's Guide*.



Important! If you do not remove these components, they could consume resources on your Oracle Applications system. This is particularly true if you have components such as custom tables or triggers for send services.

- 2 Shut down the Integration Server that hosts the services.
- 3 Start the webMethods Uninstaller.
- 4 Choose the predefined transaction services packages to uninstall.
- 5 After you finish with the Uninstaller, navigate to the Integration Server installation directory and open the OracleAppsUninstall.log file. Read the file to make sure the uninstallation process completed successfully.
- 6 The Uninstaller does not delete files created after you installed the adapter (for example, user-created or configuration files), nor does it delete the directory structure that contains the files. If you do not want to save the files that the Uninstaller did not delete, navigate to the *Integration Server_directory\packages* directory and delete the package directory.
- 7 Restart the Integration Server.