

# IBM webMethods Adapter 6.0 for Oracle Applications

## Predefined Transaction Services

12.2.7

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## Release Highlights

IBM introduces IBM webMethods Adapter 6.0 for Oracle Applications 12.2.7 Predefined Transaction Services. Predefined Transaction Services is an add-on product for use with the IBM webMethods Adapter 6.0 for Oracle Applications, that enables you to easily integrate with a wide range of Oracle Applications modules and interfaces. These predefined transaction services are complete, ready-to-use integration flows. Not only do these flows provide services that operate on Oracle Applications, but they also expose required service inputs and outputs and perform required webMethods-to-Oracle Applications/Oracle Applications-to-webMethods document mapping. In many cases, all you need to do to use a predefined transaction service is specify your Oracle Applications system connection information.

- **Predefined Oracle Applications Transaction Services**  
The webMethods Oracle Applications Adapter provides inbound (webMethods-to-Oracle Applications) and outbound (Oracle Applications-to-webMethods) predefined transaction services.

Predefined inbound transactions provide the following:

- Required inputs and outputs
- Mapping and transformation between the business document and Oracle Applications
- Services that insert data, execute concurrent processes, and perform error handling from webMethods to Oracle Applications

Predefined outbound transactions provide the following:

- A combination of database triggers and polling services for Oracle Applications-to-webMethods notifications
- Required inputs and outputs
- Services that lock and unlock the webMethods process table, and perform data selection and acknowledgement from Oracle Applications to webMethods

- **Support for Many Oracle Applications Modules and Interfaces**  
The Predefined Transaction Services 12.2.7 provides over 50 predefined transaction services for IBM webMethods Adapter 6.0 for Oracle Applications, representing 19 separate Oracle Applications modules. The following table lists and describes the Oracle Applications predefined transactions 12.2.7:

OA Module	OA Interface	Description
Assets	Mass Additions	Creates assets automatically from other systems.
	Open Budget	Executes flow services to map the incoming document to the interface table and inserts data into the interface table.
Cash Management	Bank Reconciliation	Loads bank statements into the Cash Management module of Oracle Applications and reconciles the bank statements automatically.
	Budget Upload Interface	Loads budgets to the Oracle Applications General Ledger budget interface tables.

General Ledger	GL Balances (Outbound)	Retrieves General Ledger (GL) Budget, Encumbrance, Actual, and Funds Available account balances.
	Journal (Outbound)	Retrieves Journal information (general, recurring, mass allocation, and reversing journal entries).
	Journal Import Interface	Inserts Journals into the General Ledger production tables. You can import Journals such as Accounting, Encumbrance, and Multi-currency.
Payables	Open Payables Interface	Maps the incoming invoice document to the interface table data structure and inserts data into the invoice interface table.
	Invoices (Outbound)	Retrieves new or changed invoice records.
	Payments/Checks (Outbound)	Retrieves AP payments that are set up in Oracle Applications Payables to record payment-related information.
	Vendors (Outbound)	Retrieves the list of new or changed vendors.
Receivables	AR Transactions (Outbound)	Retrieves the list of new or changed AR Transactions.
	Auto Invoice	Imports and validates transaction data from other financial systems and creates invoices, debit memos, credit memos, and on-account credits in Oracle Receivables.
	Customers (Outbound)	Retrieves the list of new or changed Customers.
	Customer Interface	Maps the incoming document to the interface table and inserts data into the interface table.
Human	Employees	Imports new and modified employee data into the Oracle

Resource		Applications production tables.
BOM	Bills and Route	Updates and deletes manufacturing and engineering bills of material and product families.
	BOM Revisions (Outbound)	Retrieves bills of material revisions from Oracle Manufacturing.
	BOM Routings (Outbound)	Retrieves information on the routing of parent, component, substitute items, and routing revisions.
	Manufacturing BOM (Outbound)	Retrieves information on parent, component, and substitute manufacturing bills of material items, as well as revisions.

Cost Management	Periodic Cost Open Interface	Imports periodic costs for the first open period.
Engineering	Engineering BOM (Outbound)	Retrieves information on the parent, component, and substitute engineering bills of material items, as well as revisions.
Inventory	Customer Item Cross Reference	Imports Customer Item Cross-References into Oracle Inventory.
	Customer Item Interface	Imports Customer Items into Oracle Inventory.
	Cycle Count Entries Interface	Imports new and modified cycle count entries into the Oracle Applications production tables.
	Item Category (Outbound)	Retrieves item category information.
	Items (Outbound)	Retrieves item information.
	On-hand quantity (Outbound)	Retrieves the on-hand quantities for a particular item.
	Open Item Interface	Imports items into Oracle Applications.
	Open Replenishment Interface	Imports replenishment requests from external systems, such as barcode applications.
	Open Transaction Interface	Imports transactions into Oracle Inventory.
Master Scheduling	Open Forecast Interface	Imports forecast entries for existing forecasts and forecasting sets into the Oracle Master Scheduling/MRP Application.
	Open Master Schedule Interface	Imports master schedules.
Quality Collection	Import Interface	Adds new quality results to, or updates existing quality results in, the Oracle Applications Quality Data Repository.
Release	Demand Schedule	Imports demand schedules. You can use Oracle Release

Management	Interface	Management to automate the management and reconciliation of customer inbound schedules, and to enable a rapid response for changing demand requirements.
Work in Progress	Open Move Interface	Imports moved items.
	Open Resource Interface	Imports work-in-process (WIP) resource transactions.
	Work Order Interface	Imports planned orders, planned order update recommendations, and suggested repetitive schedules.
Advanced Pricing	Price Request (Outbound)	Retrieves price information for orders.
Order Management	Import Interface	Imports data into the Order Management table.
	Pick Confirm	Imports pick confirmations on Move Order Line Detail records.
	Sales Order (Outbound)	Retrieves sales order changes.
Shipping	Pick Details (Outbound)	Retrieves information about the inventory transfer when the item is moved from one location to another.
	Advance Shipping Notice (Outbound)	Retrieves advanced shipping notices.
Purchasing	Open Purchasing Interface	Imports three types of Purchasing documents into the Oracle Applications Production tables: Standard Purchase Orders, Blanket Agreements, and Catalog Quotations. Handles multiple PO records in a single business document.
	Open Receiving Interface	Imports receiving data. You can use the Open Receiving Interface for processing and validating receipt data from sources other than the Receipts window in Purchasing.
	Open Requisition Interface	Imports requisitions. You can load multiple types of requisition documents, such as Internal or Purchase, into Oracle Applications Production tables.
	Purchase Orders (Outbound)	Retrieves all approved PO data, and presents it in a logical structure (a business document) that can be sent to a trading partner.
	Product Content - Catalog (Outbound)	Retrieves the Supplier Product/Item Catalog information to locate items and their source information for the purpose of creating purchase order and requisition lines.

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Order Status (Outbound)	Retrieves the purchase order status.
Request For Quote (Outbound)	Retrieves all new and changed active RFQ data.

For details about these transactions, see the IBM webMethods Adapter 6.0 for Oracle Applications 12.2.7 Predefined Transaction Services User's Guide, available in the Documentation Web site <http://docs.webMethods.io>.

- **Support for Modification of Predefined Transaction Services**  
If the IBM webMethods Adapter 6.0 for Oracle Applications 12.2.7 Predefined Transaction Services do not provide the predefined transaction service you need, or if you do not want to use a predefined transaction service as designed, you can use the IBM webMethods Adapter for Oracle Applications to build new services or update existing services. See the IBM webMethods Adapter for Oracle Applications User's Guide 6.0 for more information about creating and modifying services.
- **Platform Support**  
IBM webMethods Adapter 6.0 for Oracle Applications 12.2.7 Predefined Transaction Services supports multiple versions of Oracle Applications. For a complete listing of the versions of Oracle Applications and of IBM webMethods Integration Server with which the adapter works, see the IBM webMethods Adapters System Requirements document.