

Oracle Application Server 10g Integration Adapter for Oracle Applications

ORACLE APPLICATIONS ADAPTER

KEY FEATURES

- Comprehensive Oracle Applications Connectivity
 - Versions 11.5.1 – 11.5.9
 - All modules across all versions
 - PL/SQL APIs, Tables, Views, XML Gateway, Oracle Workflow BES, Custom AQ interfaces

- Simple Three-Step Wizard Driven Modeling
 - Select interface type
 - Select and import data structure definition
 - Define data mappings

- Integration Templates to Jumpstart Implementation
 - Pre-built mappings
 - Validation logic

- Robust Proven Technology
 - Guaranteed exactly once message delivery
 - Scalable and highly available

Overview

The OracleAS 10g Adapter for Oracle Applications provides comprehensive, bi-directional, multi-modal, synchronous and asynchronous connectivity to the Oracle Applications. The adapter is available for OracleAS 10g InterConnect version 9.0.4.0.2, which is packaged with Oracle Application Server – Enterprise Edition. Together with the OracleAS 10g InterConnect, the Oracle Applications Adapter provides the necessary infrastructure to integrate Oracle Applications with the rest of your extended enterprise.

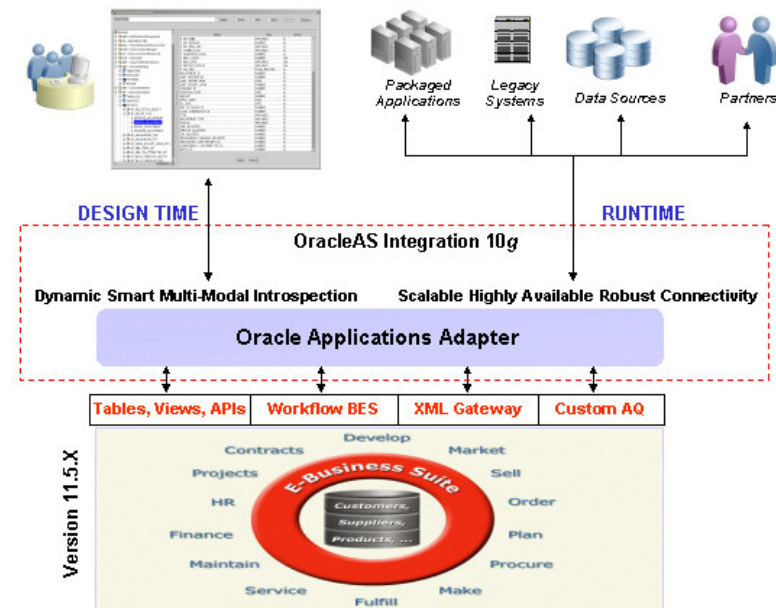


Figure 1: Oracle Applications Adapter Architecture Diagram

Comprehensive Oracle Applications Connectivity

The adapter supports all modules of Oracle Applications for versions 11.5.1 thru-11.5.9. Connectivity is available for all supported interface mechanisms (multi-modal connectivity):

- *PL/SQL APIs, tables and views*: Through database level APIs, tables, and views, users can get bi-directional synchronous or asynchronous data access to Oracle Applications.
- *Oracle Workflow Business Event System (BES)*: Oracle Workflow is

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RELATED PRODUCT AND SERVICES

The OracleAS 10g InterConnect Adapter for Oracle Applications is part of the OracleAS 10g product family. Related products include:

- OracleAS InterConnect
- Oracle Applications
- XML Gateway

GETTING STARTED

For additional information on Oracle AS 10g Integration, please visit www.oracle.com

- You can download OracleAS 10g Enterprise Edition at: <http://otn.oracle.com>
- You can purchase the OracleAS 10g Enterprise Edition at: <http://oraclestore.oracle.com>

tightly integrated with many Oracle Applications modules and is ideal for producing and consuming event based messages asynchronously.

- *XML Gateway*: Oracle Applications provides several pre-seeded business object documents (BODs) that follow the Open Applications Group (OAG) standard. These out-of-the-box implementations of OAG BODs are tightly integrated with Oracle Applications' internal workflows and APIs.
- *Custom Queues*: Easily create custom interfaces to Oracle Applications, with the built in queuing capabilities of Advanced Queues (AQ). Custom interfaces using queues are often defined for very specific custom tasks. They can be used to access Oracle Applications asynchronously.

Simple and Easy to use Design Time Graphical Interface

OracleAS InterConnect provides a unique design time experience for Oracle Applications integration through its design time tool iStudio. With iStudio's built-in support for introspecting all major interface types across Oracle Applications modules, users can browse or search for specific PL/SQL APIs, tables, views, database object types, and XML Gateway enabled OAG BODs. Since this introspection is dynamic, all custom written or extended interfaces are available for use.

Integrate your Oracle Applications in 3 Easy Steps

A three-step wizard in iStudio is all it takes to configure your integration to Oracle Applications. Through iStudio, the user (1) selects the interface type, (2) introspects and selects the Oracle Applications object and (3) defines appropriate data mappings using point-and-click. No coding is required for these steps. For access through PL/SQL APIs, tables, and views, you can additionally specify custom logic in PL/SQL.

Accelerate your integration effort with Oracle Applications Integration Templates

To jumpstart your Oracle Applications integration implementation, access to an Interface Factory is provided when you purchase the adapter for Oracle Applications. Through the Interface Factory, you can download a growing list of pre-built resources for connectivity to Oracle Applications. Resources include (a) iStudio data mappings and (b) custom validation logic for integrating through PL/SQL APIs, tables, and views. These resources can be used as templates to accelerate Time to Deploy and further reduce your Total Cost of Ownership.

Robust Proven Technology

OracleAS InterConnect and its technology adapters are being used at hundreds of Oracle Applications integration implementations. The Oracle Applications adapter leverages proven components and combines them to produce a cohesive, high performance, and scalable solution. OracleAS InterConnect guarantees exactly once delivery of messages to and from Oracle Applications and provides scalability and high availability by distributing the load across multiple instances of the adapter. These capabilities are available out of the box with no additional software requirements.

Summary

OracleAS 10g InterConnect Adapter for Oracle Applications offer the most complete connectivity solution for Oracle Applications. It delivers unique features to minimize the implementation effort and maximize the effectiveness of the solution.