

Oracle Adapters for Oracle Applications

ORACLE APPLICATIONS ADAPTER

KEY FEATURES

- JCA /Web Services based adapter
- Comprehensive Oracle Applications Connectivity
 - Versions 11.x
 - All modules across all versions
 - PL/SQL APIs, Tables, Views, Custom AQ interfaces
- Simple Wizard Driven Modeling
 - Select interface type
 - Select and import data structure definition
 - Define data mappings
- Robust Proven Technology
 - Guaranteed exactly once message delivery
 - Scalable and highly available

The Adapter for Oracle Applications provides comprehensive, bi-directional, multi-modal, synchronous and asynchronous connectivity to the Oracle Applications. The Oracle Applications Adapter provides the necessary infrastructure to integrate Oracle Applications with the rest of your extended enterprise.

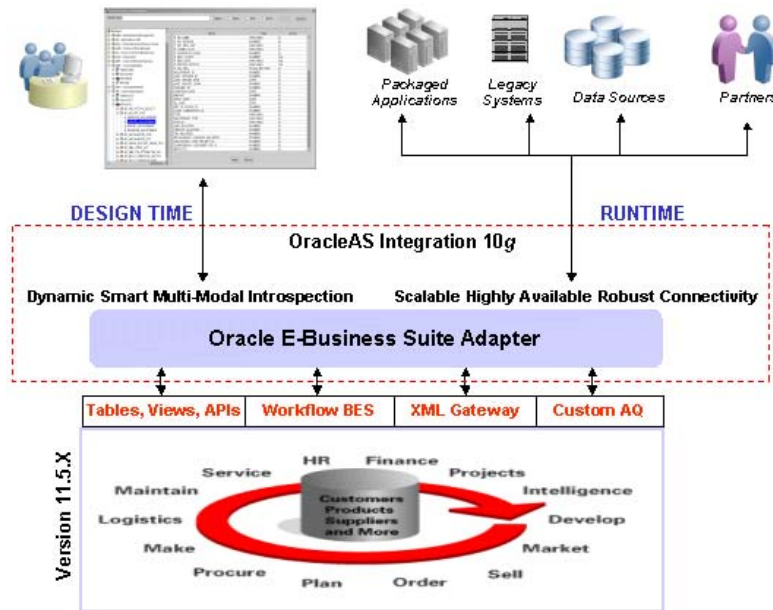


Figure 1: Oracle Applications Adapter Architecture Diagram

Comprehensive Oracle Applications Connectivity

The adapter supports all modules of Oracle Applications for versions 11.x. Connectivity is available through the following supported interface mechanisms (multi-modal connectivity):

- *PL/SQL APIs, tables and views*: Through database level APIs, tables, and views, users can produce or consume either synchronously or asynchronously to Oracle Applications .
- *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 's internal workflows and APIs.

KEY BENEFITS:

- Comprehensive Oracle Applications connectivity
- Easy-to-use wizard based UI
- Built on a standards based scalable architecture
- Enables rapid development and deployment

RELATED PRODUCT AND SERVICES

The Oracle Adapter is part of the Oracle Fusion Middleware product family. Related products include:

- Oracle BPEL Process Manager
- Oracle Portal
- Oracle Business Activity Monitoring (Oracle BAM)

RELATED SERVICES

The following services are available from Oracle Support Services:

- Update Subscription Services
- Product Support Services
- OnlineDBA
- OnlineDBA for Applications

Custom Queues: Easily create custom interfaces to Oracle Applications, with the built in queuing capabilities of Advanced Queues (AQ).

Simple and Easy to use Design Time Graphical Interface

The Adapter provides a unique design time experience for Oracle Applications using the JDeveloper tool.

With JDeveloper'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. No coding is required for these steps.

Standards Support

The Adapter is based on open standards and exposes the underlying Oracle Applications interfaces as JCA and Web Services.

The Oracle Fusion Middleware product components are seamlessly and rapidly integrated with the Oracle Applications system through these standard interfaces.

Complete Management through the Oracle Application Server

The Oracle Adapters are deployed on top of Oracle Application Server and leverage it for scalability and high availability. The Oracle Application Server enables the user to monitor and manage the Adapter Life-cycle.

These capabilities are available out of the box with no additional software requirements.

Summary

Oracle Adapter for Oracle Applications offer comprehensive connectivity solution for Oracle Applications. It delivers unique features to minimize the implementation effort and maximize the effectiveness of the solution.