Oracle E-Business Suite Adapter

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FUSION MIDDLEWARE

SOA SUITE

The Oracle E-Business Suite Adapter provides comprehensive, bi-directional, multi-modal, synchronous and asynchronous connectivity to the Oracle Applications. The Oracle E-Business Suite Adapter provides the necessary infrastructure to integrate Oracle Applications with the rest of your extended enterprise.
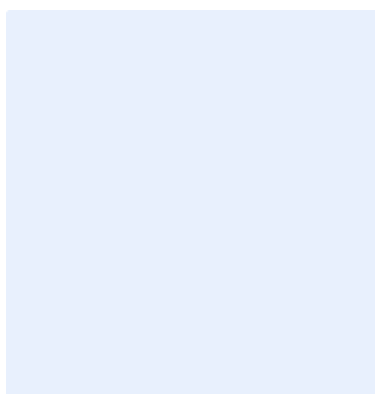
K E Y   F E A T U R E S

- Intuitive and rich design-time wizards in JDeveloper

- Standards Based - Built on *JCA/Web Services*

- Comprehensive Bidirectional Integration - *PL/SQL, Interface Tables, Concurrent Programs, XML Gateway, E-Commerce Gateway, Views*

- Support for standard and custom Objects

- Simple to configure yet powerful security model

- Supports multiple versions of E-Business Suite

- Highly available, scalable and reliable.

- Powerful Flex-fields support

Product Overview

The Oracle E-Business Suite Adapter, formerly known as the Oracle Adapter for Oracle Applications, provides breakthrough developer productivity, comprehensive connectivity, reliability and performance for integration with Oracle Oracle E-Business Suite. The Adapter provides value to customers across three key dimensions:

- **Reduced Cost of Integration**. Integration with E-Business Suite is much more than making that PL/SQL API call. There are several design-time and runtime considerations that require users to manually build and manage additional business logic into their integration middleware for authentication, session management, flex-field mappings and more. The Oracle E-Business Suite Adapter significantly lowers the cost of building and maintaining this complex business logic through out-of-the-box features that users can graphically configure through a point-and-click wizard based designer integrated within Oracle JDeveloper.

- **Improved Developer Productivity**. The Oracle E-Business Adapter provides a graphical wizard for configuring connectivity and integration with Oracle Oracle E-Business Suite. The Adapter streamlines and simplifies the development experience by providing a graphical object catalog that enables users to natively browse, search and select one or more objects of interest without needing to understand technical details. These include Business Events, PL/SQL APIs, Tables/Views, XML/E-Commerce Gateway and Concurrent Programs.

- **Faster time to market**. The Oracle E-Business Suite Adapter provides a graphical wizard for configuring connectivity and integration with Oracle E-Business Suite. The Adapter streamlines and simplifies the development experience by providing a

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graphical object catalog that enables users to natively browse, search and select one or more business objects of interest without needing to understand technical details.

The key features of the adapter are as follows.

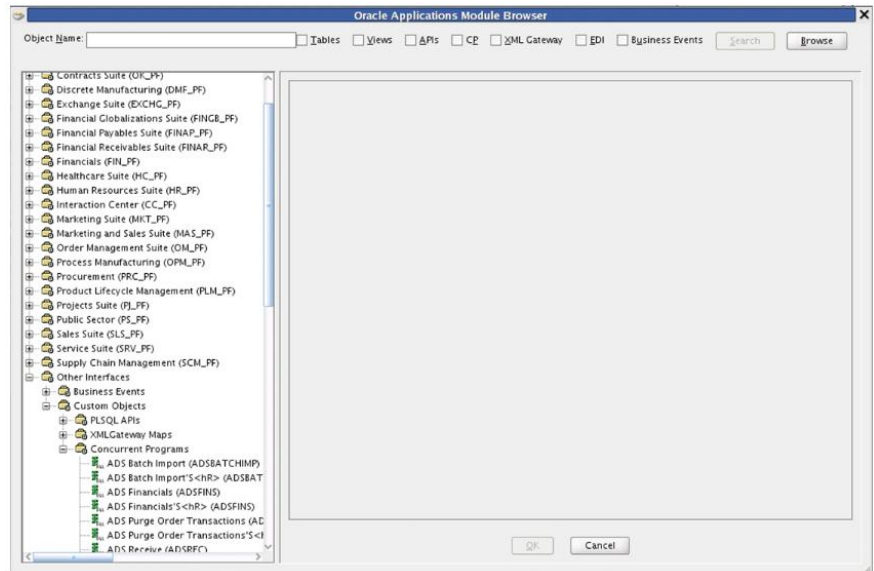## Graphical Discovery of Objects at Design-time

Figure 1: The Integration Repository Object Browser in the Adapter Designer

The graphical adapter configuration wizard in JDeveloper enables users to browse, search and integrate with various integration objects in your E-Business Suite without writing any code. It also enables users to browse and integrate with custom objects in E-Business Suite. It provides a highly simplified declarative way to pick the Object of choice without needing to understand the technical details.

Comprehensive E-Business Suite Connectivity

The adapter supports integration with Oracle E-Business Suite via all the supported integration channels.

1. Interface Tables/Views
2. Concurrent Programs
3. PL/SQL APIs
4. Business Events and Business Event Groups
5. XML Gateway
6. E-Commerce Gateway

Simple yet Powerful Functional Security

Oracle E-Business Suite Adapter provides a security feature which only allows users with authorized privileges to execute APIs in Oracle E-Business Suite. It protects APIs from unauthorized access or execution without security checks via Function, Data and Role Based Access Security.
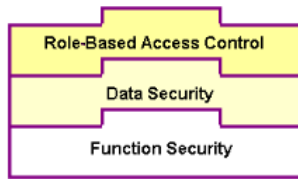
Support for Multi-Organization Access Control

The adapter enables to implicitly set up the required Multi-Organization Access Control (MOAC) required in order to have a secured way for users to access or modify data for only those Operating Units they have access to. It provides a highly simplified method to set the Applications Context while executing interfaces in E-Business Suite.
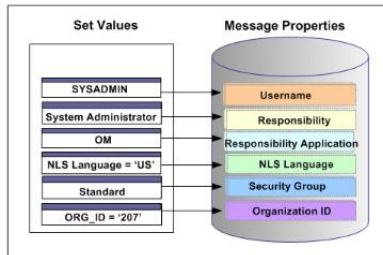
Transactional Integration with E-Business Suite

The E-Business Suite Adapter is an XA-aware JCA Adapter and can participate in global transactions. This ensures, amongst others, the end to end consistency of data throughout your ecosystem, including E-Business Suite.

Powerful Flexfield Support

Oracle E-Business Suite Adapter provides flexfield support for PL/SQL APIs and Open Interface Tables (OIT). If a PL/SQL API or an OIT table is configured with flexfields, flexfield information including flexfield data and mapping will not only be displayed at design time, but also be included in the XSD. This helps integration developers to create mappings between third party data elements with more meaningful business object elements. Additionally, this feature allows Oracle E-Business Suite Adapter run time to work in the context of flexfields.
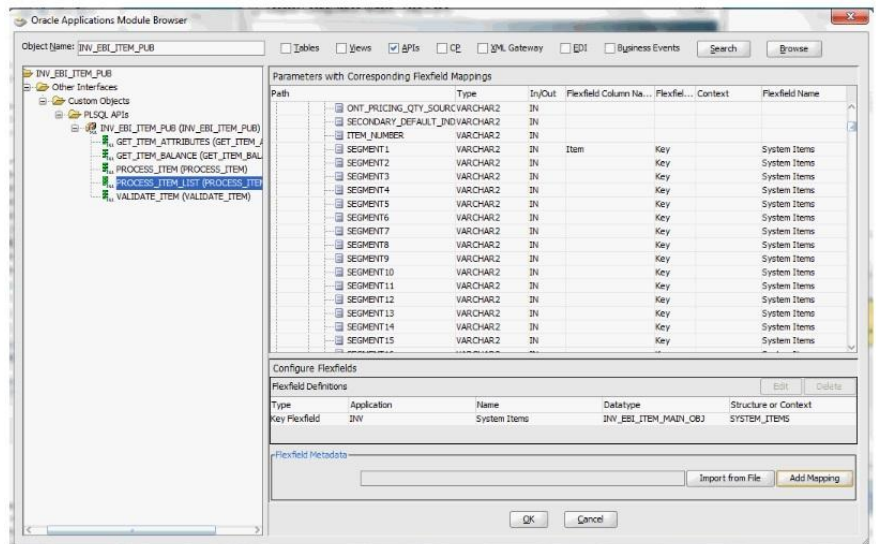
Figure 2: The Flex-field configuration in the Adapter design-time

Certification with Oracle Fusion Middleware Components

The adapter is certified to work with the Oracle SOA Suite and Oracle BPM Suite components including SOA composite applications and Oracle Service Bus.

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Hardware and Software, Engineered to Work Together

Oracle is committed to developing practices and products that help protect the environment