

# Oracle<sup>®</sup> Workflow

API Reference

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# Preface

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## Audience for This Guide

Welcome to the *Oracle Workflow API Reference*.

This guide assumes you have a working knowledge of the following:

- The principles and customary practices of your business area.
- Oracle Workflow

If you have never used Oracle Workflow, Oracle suggests you attend one or more of the Oracle Workflow training classes available through Oracle University.

See Other Information Sources for more information about Oracle Applications product information.

The *Oracle Workflow API Reference* also assumes you have a basic understanding of operating system concepts and familiarity with Oracle Database, PL/SQL, and Oracle Application Server technology. If you have not yet been introduced to any of these systems, Oracle suggests you attend one or more of the training classes available through Oracle University.

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## How To Use This Guide

This guide contains the information you need to understand and use Oracle Workflow APIs.

- Chapter 1 provides an overview of Oracle Workflow.
- Chapter 2 describes the Workflow Engine APIs.
- Chapter 3 describes the directory service APIs.
- Chapter 4 describes the Notification System APIs.
- Chapter 5 describes the Business Event System APIs.
- Chapter 6 describes the Workflow queue APIs.
- Chapter 7 describes the document management APIs.

At the end of this guide, we include a glossary of Oracle Workflow terms.

## Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible, with good usability, to the disabled

community. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For additional information, visit the Oracle Accessibility Program Web site at <http://www.oracle.com/accessibility/>

### **Accessibility of Code Examples in Documentation**

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JAWS, a Windows screen reader, may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, JAWS may not always read a line of text that consists solely of a bracket or brace.

### **Accessibility of Links to External Web Sites in Documentation**

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## **Other Information Sources**

You can choose from many sources of information, including online documentation, training, and support services, to increase your knowledge and understanding of Oracle Workflow.

If this guide refers you to other Oracle Applications documentation, use only the Release 11*i* versions of those guides.

## **Online Documentation**

If you are using the version of Oracle Workflow embedded in Oracle Applications, note that all Oracle Applications documentation is available online (HTML or PDF).

- **Online Help** – The new features section in the HTML help describes new features in 11*i*. This information is updated for each new release of Oracle Workflow. The new features section also includes information about any features that were not yet

available when this guide was printed. For example, if your administrator has installed software from a mini-pack or an upgrade, this document describes the new features. Online help patches are available on *OracleMetaLink*.

- **11i Features Matrix** – This document lists new features available by patch and identifies any associated new documentation. The new features matrix document is available on *OracleMetaLink*.
- **Readme File** – Refer to the readme file for patches that you have installed to learn about new documentation or documentation patches that you can download.

If you are using the standalone version of Oracle Workflow, note that this guide is available online in HTML format. The HTML documentation is available from a URL provided by your system administrator or from the help icon in the Oracle Workflow web pages.

## Related User's Guides

Oracle Workflow is used by other Oracle Applications products to provide embedded workflows. Therefore, if you are using the version of Oracle Workflow embedded in Oracle Applications, you may want to refer to other user's guides when you set up and use Oracle Workflow to learn more about the embedded workflows.

You can read the guides online by choosing Library from the expandable menu on your HTML help window, by reading from the Oracle Applications Document Library CD included in your media pack, or by using a Web browser with a URL that your system administrator provides.

If you require printed guides, you can purchase them from the Oracle Store at <http://oraclestore.oracle.com>.

## Guides Related to All Products

### Oracle Applications User's Guide

This guide explains how to enter data, query, run reports, and navigate using the graphical user interface (GUI) available with this release of Oracle Workflow (and any other Oracle Applications products). This guide also includes information on setting user profiles, as well as running and reviewing reports and concurrent processes.

You can access this user's guide online by choosing "Getting Started with Oracle Applications" from any Oracle Applications help file.



## User Guides Related to This Product

### **Oracle Workflow Administrator's Guide**

This guide explains how to complete the setup steps necessary for any Oracle Applications product that includes workflow-enabled processes, as well as how to monitor the progress of runtime workflow processes.

### **Oracle Workflow Developer's Guide**

This guide explains how to define new workflow business processes and customize existing Oracle Applications-embedded workflow processes. It also describes how to define and customize business events and event subscriptions.

### **Oracle Workflow User's Guide**

This guide describes how Oracle Applications users can view and respond to workflow notifications and monitor the progress of their workflow processes.

### **Oracle General Ledger User Guide**

This guide provides information about journal entry, budgeting, and multi-company accounting and consolidation.

### **Oracle Purchasing User's Guide**

This guide provides information about entering and managing purchase orders and requisitions.

### **Implementing Oracle Self-Service Human Resources (SSHR)**

This guide provides information about setting up the self-service human resources management functions for managers and employees. Managers and employees can then use an intranet and Web browser to have easy and intuitive access to personal and career management functionality

### **Oracle Payables User Guide**

This guide provides information about entering and managing suppliers, invoices, and payments.

## **Oracle Projects User Guide**

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This guide provides information about entering and managing projects, budgets, expenditures, costing, and billing.

## **Oracle Receivables User Guide**

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This guide provides information about entering and managing customers, receipts, collections, and transactions.

## **Oracle Business Intelligence System Implementation Guide**

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This guide provides information about implementing Oracle Business Intelligence (BIS) in your environment.

## **BIS 11i User Guide Online Help**

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This guide is provided as online help only from the BIS application and includes information about intelligence reports, Discoverer workbooks, and the Performance Management Framework.

## **Oracle Financials Open Interface Reference**

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This guide is a compilation of all open interface descriptions in all Oracle Financial Applications user's guides.

## **Oracle XML Gateway User's Guide**

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This guide explains how to implement the production and consumption of valid, well-formed XML messages between Oracle Applications and trading partners.

## **Installation and System Administration**

### **Oracle Applications Concepts**

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This guide provides an introduction to the concepts, features, technology stack, architecture, and terminology for Oracle Applications Release 11i. It provides a useful first book to read before an installation of Oracle Applications. This guide also introduces the concepts behind Applications-wide features such as Business Intelligence (BIS), languages and character sets, and Self-Service Web Applications.

## **Installing Oracle Applications**

This guide provides instructions for managing the installation of Oracle Applications products. In Release 11*i*, much of the installation process is handled using Oracle Rapid Install, which minimizes the time to install Oracle Applications and the Oracle Database technology stack by automating many of the required steps. This guide contains instructions for using Oracle Rapid Install and lists the tasks you need to perform to finish your installation. You should use this guide in conjunction with individual product user's guides and implementation guides.

## **Upgrading Oracle Applications**

Refer to this guide if you are upgrading your Oracle Applications Release 10.7 or Release 11.0 products to Release 11*i*. This guide describes the upgrade process and lists database and product-specific upgrade tasks. You must be either at Release 10.7 (NCA, SmartClient, or character mode) or Release 11.0, to upgrade to Release 11*i*. You cannot upgrade to Release 11*i* directly from releases prior to 10.7.

## **Maintaining Oracle Applications**

Use this guide to help you run the various AD utilities, such as AutoUpgrade, AutoPatch, AD Administration, AD Controller, AD Relink, License Manager, and others. It contains how-to steps, screenshots, and other information that you need to run the AD utilities. This guide also provides information on maintaining the Oracle Applications file system and database.

## **Oracle Applications System Administrator's Guide**

This guide provides planning and reference information for the Oracle Applications System Administrator. It contains information on how to define security, customize menus and online help, and manage concurrent processing.

## **Oracle Alert User's Guide**

This guide explains how to define periodic and event alerts to monitor the status of your Oracle Applications data.

## **Oracle Applications Developer's Guide**

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This guide contains the coding standards followed by the Oracle Applications development staff. It describes the Oracle Application Object Library components needed to implement the Oracle Applications user interface described in the *Oracle Applications User Interface Standards for Forms-Based Products*. It also provides information to help you build your custom Oracle Forms Developer 6i forms so that they integrate with Oracle Applications.

## **Other Implementation Documentation**

### **Oracle Applications Product Update Notes**

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Use this guide as a reference for upgrading an installation of Oracle Applications. It provides a history of the changes to individual Oracle Applications products between Release 11.0 and Release 11*i*. It includes new features, enhancements, and changes made to database objects, profile options, and seed data for this interval.

### **Multiple Reporting Currencies in Oracle Applications**

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If you use the Multiple Reporting Currencies feature to record transactions in more than one currency, use this manual before implementing Oracle Workflow. This manual details additional steps and setup considerations for implementing Oracle Workflow with this feature.

### **Multiple Organizations in Oracle Applications**

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This guide describes how to set up and use Oracle Workflow with Oracle Applications' Multiple Organization support feature, so you can define and support different organization structures when running a single installation of Oracle Workflow.

### **Oracle Applications Flexfields Guide**

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This guide provides flexfields planning, setup and reference information for the Oracle Workflow implementation team, as well as for users responsible for the ongoing maintenance of Oracle Applications product data. This manual also provides information on creating custom reports on flexfields data.