Oracle® WebCenter Interaction Development Kit (IDK)

Installation and Upgrade Guide

10g Release 3 (10.3)

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Installation and Upgrade Guide for Oracle WebCenter Interaction Development Kit, 10g Release 3 (10.3)

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Table of Contents

1. Welcome

How to Use This Book 1-1

Audience 1-1

Organization. 1-1

Typographical Conventions 1-2

Documentation and Resources 1-3

2. Installation Prerequisites

Supported Configurations 2-2

3. Installation

Installing the Oracle WebCenter Interaction Development Kit (IDK) 3-2

Upgrading From a Previous Version of the Oracle WebCenter Interaction Development Kit (IDK) 3-2

Creating Custom Oracle WebCenter Interaction Development Kit (IDK) Projects 3-3

CHAPTER 1

Welcome

This book describes how to install and deploy the Oracle WebCenter Interaction Development Kit (IDK) 10.3. It also provides instructions for upgrading to version 10.3 from earlier versions.

Note: Previous versions of the Oracle WebCenter Interaction Development Kit (IDK) were called the Plumtree Enterprise Development Kit (EDK) and the AquaLogic Interaction Development Kit (IDK). Some references to the old name are retained in the file names and code distributed with Oracle WebCenter Interaction Development Kit (IDK) 10.3.

How to Use This Book

This guide has been designed to be a quick reference for users with installation experience, while also providing detailed instructions for users installing for the first time.

Audience

This guide is written for the user responsible for custom application development using the Oracle WebCenter Interaction Development Kit (IDK). This user must have strong knowledge of the web application server, development environment, and any other third-party software required for installation.

Organization

This guide includes the following chapters:

- This chapter provides information on how to use this guide and describes other resources available to help install, deploy, upgrade, and administer the Oracle WebCenter Interaction Development Kit (IDK).
- Chapter 2, "Installation Prerequisites," provides a list of supported configurations. You must read this chapter and meet the prerequisites prior to proceeding with installation.
- Chapter 3, "Installation," provides detailed instructions for installing or upgrading the Oracle WebCenter Interaction Development Kit (IDK) for .NET, and describes how to deploy the Oracle WebCenter Interaction Development Kit (IDK) in Visual Studio .NET.

Typographical Conventions

This book uses the following typographical conventions.

Convention	Typeface	Examples/Notes
• File names • Folder names • Screen elements	**bold**	• Upload **Procedures.doc** to the portal. • The log files are stored in the **logs** folder. • To save your changes, click **Apply Changes**.
• Text you enter • Code examples	computer	Type Marketing as the name of your community.
• Variables you enter	computer with angle brackets (<>)	Enter the base URL for the Remote Server. For example, http://<my_computer>/.

Documentation and Resources

This section describes other documentation and resources provided by Oracle.

Resource	Description
Release Notes	These files are written for Oracle WebCenter Interaction Development Kit (IDK) administrators. They include information about new features and known issues in the release.
API Documentation	Documentation for Java and .NET APIs provided by the Oracle WebCenter Interaction Development Kit (IDK).
Oracle Technology Network (OTN)	The Oracle Technology Network is the world's largest community of developers, DBAs, and architects using Oracle products and industry-standard technologies. Every day, members collaborate via OTN to share real-world insight, expertise, and best practices on how to build, deploy, manage, and optimize applications. As a member of the Oracle Technology Network you will enjoy access to software downloads, discussion forums, documentation, wikis, podcasts, blogs, plus much more. Access the Oracle Technology Network at http://www.oracle.com/technology/index.html.
Oracle Support	The Oracle Support site provides access to all Oracle support resources including online support, software and patches, technical articles, and contact numbers. Access the Oracle Support site at http://www.oracle.com/support/index.html.

CHAPTER 2

Installation Prerequisites

Before you install the Oracle WebCenter Interaction Development Kit (IDK) 10.3, complete the following steps:

1. Read the product release notes for information on compatibility issues, known problems, and workarounds that might affect how you proceed with your deployment.
2. Provision host computers and configure software dependencies for your deployment. For details, see the Supported Configurations that follow.

Supported Configurations

The following table summarizes the supported configurations for Oracle WebCenter Interaction Development Kit (IDK).

Component	Requirement
Operating System	• Windows Server 2003 SP2 or 2000 SP4 • Solaris 10, 9 or 8 • Linux RHEL 4.0.3.x, 3.0.3 or 3.0.4 • AIX 5.3 • Linux SUSE 9 • HPUX 11i v3 or v2 • OEL 5.1
Application Server	• IIS 6.0 (.NET 2.0 or 1.1 SP1) • BEA WebLogic 10.3.x, 10.2.x, 10.0.x, 9.2. 9.1 or 8.1 SP4 or SP5 • IBM WebSphere 6.1 or 6.0.1 • Apache Tomcat 6.0.14, 5.5.17 or 5.0.28
Runtime Environment	• .NET 2.0 or 1.1 (with WSE 2.0sp3) • JDK 5.0 or 1.4
Portal Software	• Oracle WebCenter Interaction 10.3 • AquaLogic Interaction 6.5.x, 6.1.x, 6.0 • Plumtree Foundation 5.0.5, 5.0.5J, 5.0.4 or 5.0.4J
Oracle WebCenter Ensemble	• 10.3 or AquaLogic Ensemble 1.0
Oracle WebCenter Collaboration	• 10.3 or AquaLogic Interaction Collaboration 4.5, 4.2 or 4.1 SP2

Note: To support .NET APIs that use binary upload or download (for example, Remote.Prc.Collaboration.Document.IDocumentManager.InsertNewDocument) you must install WSE 2.0sp3 (http://www.microsoft.com/downloads/details.aspx?familyid=1ba1f631-c3e7-420a-bc1e-ef18bab66122&displaylang=en).

CHAPTER 3

Installation

This chapter describes how to install and deploy the Oracle WebCenter Interaction Development Kit (IDK) 10.3.

To install the Oracle WebCenter Interaction Development Kit (IDK), complete the following steps:

1. Make sure that you have met the prerequisites for installation. For details, see the list of supported configurations in Chapter 2, "Installation Prerequisites."
2. Install the Oracle WebCenter Interaction Development Kit (IDK) components using the instructions that follow. For notes on upgrading, see Upgrading From a Previous Version of the Oracle WebCenter Interaction Development Kit (IDK).

Note: To support APIs that use binary upload or download (for example, remote.prc.collaboration.document.idocumentmanager.insertnewdocument), you must install WSE 2.0sp3 (http://www.microsoft.com/downloads/details.aspx?familyid=1ba1f631-c3e7-420a-bc1e-ef18bab66122&displaylang=en).

Oracle WebCenter Interaction Development Kit (IDK) includes a remote logging API for use with Oracle WebCenter Interaction Logging Utilities. To support this feature, you must download and install the Logging Utilities package. For details on enabling Oracle WebCenter Interaction Development Kit (IDK) logging, see the *Oracle WebCenter Interaction Web Service Development Guide* on the Oracle Technology Network (http://www.oracle.com/technology/index.html).

Installing the Oracle WebCenter Interaction Development Kit (IDK)

To install the Oracle WebCenter Interaction Development Kit (IDK), extract the installation package file (zip/tgz) into the root Oracle WebCenter Interaction folder.

The zip will be extracted to an \idk folder with the following subfolders:

- **\devkit** includes the files required to build web applications. For .NET, this includes asmx files, Web.config, and dlls. For Java, this folder includes the WEB-INF subfolder.
- **\documentation** includes the API documentation (JavaDocs or NDocs). For the latest Oracle WebCenter Interaction Development Kit (IDK) API documentation, see the Oracle Technology Network.

Note: (.NET only) If you are using the signed dll version of the Oracle WebCenter Interaction Development Kit (IDK), the file *Plumtree.openlog-framework_signed.dll* must be placed in the bin directory, and the following dlls should be deployed in the GAC: *Plumtree.EDK_signed.dll*, *OpenFoundation_signed.dll*, *Plumtree.openkernel_signed.dll*, *Plumtree.pmb_signed.dll* and *Plumtree.RAT_signed.dll*.

Upgrading From a Previous Version of the Oracle WebCenter Interaction Development Kit (IDK)

Oracle WebCenter Interaction Development Kit (IDK) versions 5.2 and above include different dependencies than previous releases. Copying the new idk.jar/.dll will not result in a full installation. Make sure to copy all the files located in the /bin folder and overwrite your existing assemblies to add new dependencies and updated versions of old dependencies. If you are using the signed dll version of the Oracle WebCenter Interaction Development Kit (IDK) 10.3, you must manually update the signed dlls in the GAC.

Note: Versions 6.0 and above include the following naming changes. Make sure to update all references before recompiling your code.

Version 6.0 and above	Version 5.4 and earler
idk.jar / idk.dll	edk.jar / edk.dll
/idk (root directory)	/ptedk

Creating Custom Oracle WebCenter Interaction Development Kit (IDK) Projects

For details on configuring your IDE for Oracle WebCenter Interaction Development Kit (IDK) development, see the Oracle WebCenter Interaction Web Service Development Guide on the Oracle Technology Network (http://www.oracle.com/technology/index.html).