BEA AquaLogic™ Interaction Development Kit (IDK) Version 5.4

Installation Guide

Version 5.4
Document Revised: January 2007

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CHAPTER 1

Welcome

This book describes how to install and deploy the BEA AquaLogic Interaction Development Kit (IDK) 5.4. It also provides instructions for upgrading to version 5.4 from earlier versions.

Note: Previous versions of the AquaLogic Interaction Development Kit (IDK) were called the Plumtree Enterprise Development Kit (EDK). Some references to the old name are retained in the file names and code distributed with IDK 5.4.

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 AquaLogic 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 AquaLogic 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 AquaLogic Interaction Development Kit (IDK) for .NET, and describes how to deploy the IDK in Visual Studio .NET.

Typographical Conventions

This book uses the following typographical conventions.

Table 1-1 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>/`.

BEA Documentation and Resources

This section describes other documentation and resources provided by BEA.

Table 1-2 BEA Documentation and Resources

Resource	Description
Release Notes	These files are written for AquaLogic Interaction Development Kit (IDK) administrators. They include information about new features and known issues in the release. The Release Notes are available on edocs.bea.com and on the application CD.
AquaLogic Interaction Development Documentation	These pages provide detailed information on development using AquaLogic Interaction development tools, including the BEA AquaLogic Interaction Development Kit (IDK). For details and links to more resources, see the Introduction to ALUI Development.

Table 1-2 BEA Documentation and Resources

Resource	Description
Developer Guides, Articles, API Documentation, Blogs, Newsgroups, and Sample Code	These resources are provided for developers on the BEA dev2dev site (dev2dev.bea.com). They describe how to build custom applications using AquaLogic User Interaction and how to customize AquaLogic User Interaction products and features.
AquaLogic User Interaction Support Center	The AquaLogic User Interaction Support Center is a comprehensive repository for technical information on AquaLogic User Interaction products. From the Support Center, you can access products and documentation, search knowledge base articles, read the latest news and information, participate in a support community, get training, and find tools to meet most of your AquaLogic User Interaction-related needs. The Support Center encompasses the following communities: **Technical Support Center** Submit and track support incidents and feature requests, search the knowledge base, access documentation, and download service packs and hotfixes. **User Group** Visit the User Group section to collaborate with peers and view upcoming meetings. **Product Center** Download products, read Release Notes, access recent product documentation, and view interoperability information. **Developer Center** Download developer tools and documentation, get help with your development project, and interact with other developers via BEA's dev2dev Newsgroups. **Education Services** Find information about available training courses, purchase training credits, and register for upcoming classes. If you do not see the Support Center when you log in to http://support.plumtree.com, contact ALUIsupport@bea.com for the appropriate access privileges.

Table 1-2 BEA Documentation and Resources

Resource	Description
Technical Support	If you cannot resolve an issue using the above resources, BEA Technical Support is happy to assist. Our staff is available 24 hours a day, 7 days a week to handle all your technical support needs. E-mail: ALUIsupport@bea.com Phone Numbers: U.S.A. +1 866.262.PLUM (7586) or +1 415.263.1696 Europe +44 1494 559127 France +33 1.46.91.86.79 Australia/NZ +61 2.9923.4030 Asia Pacific +61 2.9931.7822 Singapore +1 800.1811.202

CHAPTER 2

Installation Prerequisites

Before you install the BEA AquaLogic Interaction Development Kit (IDK), 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 BEA AquaLogic Interaction Development Kit (IDK). For the most current platform support information, refer to the Interoperability Matrix in the Product Center.

Component	Requirement
Operating System	• Windows Server 2000 SP4 or 2003 SP1 • Solaris 8, 9, or 10 • Linux RHEL 3.0-3 or 3.0-4 • AIX 5.3 • Linux SUSE 9
Application Server	• IIS 6.0 (.NET 1.1 SP1) • BEA WebLogic 9.1, 9.2 or 8.1 SP4 • IBM WebSphere 6.0.1 • Apache Tomcat 5.0
Runtime Environment	• .NET 1.1, .NET 1.1 SP1 or .NET 2.0 (with WSE 2.0sp3) • JDK 1.4 or JDK 5.0
AquaLogic Interaction	• 5.0.4, 5.0.4J, 5.0.5, 5.0.5J, 6.0, 6.0 SP1 or 6.1
AquaLogic Interaction Collaboration	• 4.1 SP1 or 4.2
AquaLogic Interaction Publisher	• 6.1, 6.2 or 6.3

Note: To support .NET IDK APIs that use binary upload or download (for example, Remote.Prc.Collaboration.Document.IDocumentManager.InsertNewDocument), you must install WSE 2.0sp3 (http://msdn.microsoft.com/webservices/webservices/building/wse/).

CHAPTER 3

Installation

This chapter describes how to install and deploy the BEA AquaLogic Interaction Development Kit (IDK).

To install the 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 AquaLogic Interaction Development Kit (IDK) components using the instructions that follow. For notes on upgrading, see Upgrading From a Previous Version of the 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://msdn.microsoft.com/webservices/webservices/building/wse/).

AquaLogic Interaction Development Kit (IDK) version 5.2 and above includes a remote logging API for use with AquaLogic Interaction Logging Utilities. To support this feature, you must download and install the Logging Utilities package from BEA dev2dev (dev2dev.bea.com). For details on enabling IDK logging, see Configuring Logging Receivers in the AquaLogic Interaction Development Documentation.

Installing the AquaLogic Interaction Development Kit (IDK)

To install the BEA AquaLogic Interaction Development Kit (IDK), extract the **edk_java.zip** / **edk_java.tar.gz** (Java) | **edk_dotnet.zip** (.NET) file into the root AquaLogic Interaction folder, typically C:\bea\alui or C:\Program Files\alui.

The following subfolders will be created in the \ptedk folder:

- **\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 (NDocs). For the latest IDK API documentation, see BEA dev2dev (dev2dev.bea.com).

Upgrading From a Previous Version of the IDK

IDK (EDK) versions 5.2 and above include different dependencies than previous releases. Copying the new edk.dll will not result in a full installation. Make sure to copy the files located in the /bin folder and overwrite your existing IDK/EDK assemblies to add new dependencies and updated versions of old dependencies.

Creating Custom IDK Projects

For details on configuring your IDE for IDK development, see the following pages in the AquaLogic Interaction Development Documentation:

- Setting Up a Custom IDK Project (Java | .NET)
- IDK Quickstart: Hello World Portlet (Java | .NET)