



BEA AquaLogic® Interaction Development Kit

Installation Guide

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Welcome

This book describes how to install and deploy the AquaLogic Interaction Development Kit (IDK) 6.0. It also provides instructions for upgrading to version 6.0 from earlier versions.

Note: Previous versions of the 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 6.0.

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 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 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 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
<ul style="list-style-type: none"> • File names • Folder names • Screen elements 	bold	<ul style="list-style-type: none"> • Upload Procedures.doc to the portal. • The log files are stored in the logs folder. • To save your changes, click Apply Changes.
<ul style="list-style-type: none"> • Text you enter • Code examples 	computer	Type Marketing as the name of your community.
<ul style="list-style-type: none"> • Variables you enter 	computer with angle brackets (<>)	Enter the base URL for the Remote Server. For example, <code>http://<my_computer>/. </code>

BEA Documentation and Resources

This section describes other documentation and resources provided by BEA.

Table 1-2 Other Documentation

Resource	Description
Release Notes	These files are written for IDK administrators. They include information about new features and known issues in the release. The Release Notes are available on edocs.bea.com/alui/idk/docs60 and on the application CD.
AquaLogic Interaction Development Documentation	These pages provide detailed information on development using AquaLogic Interaction development tools, including the AquaLogic Interaction Development Kit (IDK). For details and links to more resources, see the Introduction to ALUI Development .
API Documentation	Documentation for Java and .NET APIs provided by the AquaLogic Interaction Development Kit.

Table 1-3 Other Resources

Resource	Description
Developer Guides, Articles, 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 the AquaLogic Interaction Development Kit.
AquaLogic User Interaction Support Center	<p>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:</p> <p>Technical Support Center Submit and track support incidents and feature requests, search the knowledge base, access documentation, and download service packs and hotfixes.</p> <p>User Group Visit the User Group section to collaborate with peers and view upcoming meetings.</p> <p>Product Center Download products, read Release Notes, access recent product documentation, and view interoperability information.</p> <p>Developer Center Download developer tools and documentation, get help with your development project, and interact with other developers via BEA's dev2dev Newsgroups.</p> <p>Education Services Find information about available training courses, purchase training credits, and register for upcoming classes.</p> <p>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.</p>
Technical Support	<p>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.</p> <p>E-mail: ALUISupport@bea.com</p> <p>Phone Numbers:</p> <p>U.S.A. +1 866.262.PLUM (7586) or +1 415.263.1696</p> <p>Europe +44 1494 559127</p> <p>Australia/NZ +61 2.9923.4030 Asia Pacific +61 2.9931.7822</p> <p>Singapore +1 800.1811.202</p>

Welcome

Installation Prerequisites

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

Component	Requirement
Operating System	<ul style="list-style-type: none"> Windows Server 2003 SP1 or 2000 SP4 Solaris 10, 9 or 8 Linux RHEL 4.0.3, 3.0-3 or 3.0-4 AIX 5.3 Linux SUSE 9 HPUX 11i v2
Application Server	<ul style="list-style-type: none"> IIS 6.0 (.NET 1.1 SP1) BEA WebLogic 9.2, 9.1 or 8.1 SP4 or SP5 IBM WebSphere 6.1 or 6.0.1 Apache Tomcat 5.5.17 or 5.0.28
Runtime Environment	<ul style="list-style-type: none"> .NET 2.0 or 1.1 (with WSE 2.0sp3) JDK 5.0 or 1.4
AquaLogic Interaction	<ul style="list-style-type: none"> 6.1, 6.0, 5.0.5, 5.0.5J, 5.0.4 or 5.0.4J
AquaLogic Interaction Collaboration	<ul style="list-style-type: none"> 4.2 or 4.1 SP2
AquaLogic Interaction Publisher	<ul style="list-style-type: none"> 6.3, 6.2 or 6.1
AquaLogic Interaction Studio	<ul style="list-style-type: none"> 2.2

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/>).

Installation

This chapter describes how to install and deploy the 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 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/>).

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 IDK

To install the AquaLogic Interaction Development Kit (IDK), extract the **ALIDK_java_v6-0_win.zip** | **ALIDK_dotnet_v6-0_win.zip** (.NET) | **ALIDK_v6-0_sol.tgz** (Java) | **ALIDK_v6-0_aix.tgz** (Java) file into the root AquaLogic Interaction folder, typically C:\bea\alui or C:\Program Files\alui in Windows.

The following subfolders will be created in the \idk 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 [AquaLogic Interaction Development Kit 6.0 Documentation](#) on edocs.bea.com.

Upgrading From a Previous Version of the IDK

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 IDK/EDK assemblies to add new dependencies and updated versions of old dependencies.

Note: Version 6.0 includes the following naming changes. Make sure to update all references before recompiling your code.

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

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](#))