

Oracle® Agile

Engineering Data Management

Enterprise Integration Platform Installation Requirements for Agile e6.1.3.0

Part No. E50952-01

January 2014

Copyright and Trademarks

Copyright © 1995, 2014,Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

This documentation is in preproduction status and is intended for demonstration and preliminary use only. It may not be specific to the hardware on which you are using the software. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to this documentation and will not be responsible for any loss, costs, or damages incurred due to the use of this documentation.

The information contained in this document is for informational sharing purposes only and should be considered in your capacity as a customer advisory board member or pursuant to your beta trial agreement only. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described in this document remains at the sole discretion of Oracle.

This document in any form, software or printed matter, contains proprietary information that is the exclusive property of Oracle. Your access to and use of this confidential material is subject to the terms and conditions of your Oracle Software License and Service Agreement, which has been executed and with which you agree to comply. This document and information contained herein may not be disclosed, copied, reproduced, or distributed to anyone outside Oracle without prior written consent of Oracle. This document is not part of your license agreement nor can it be incorporated into any contractual agreement with Oracle or its subsidiaries or affiliates.

CONTENTS

Copyright and Trademarks iii
Preface vi

Release Overview 1

Platform Support Matrix 1

Enterprise Integration Platform 3

Third-Party Libraries 3
Agile EDM 4

Hardware Requirements 5

Minimum Network Connectivity and Bandwidth 5
Minimum Memory Requirements 5
Minimum Disk Space 5

Software Requirements 7

Java Runtime Environment 7
Agile EDM Server and Java Daemon 7
Installation 7
Configuration 7

Preface

The Oracle documentation set includes Adobe® Acrobat™ PDF files. The Oracle Technology Network (OTN) Web site (http://www.oracle.com/technology/documentation/agile.html) contains the latest versions of the Oracle Agile EDM PDF files. You can view or download these manuals from the Web site, or you can ask your Agile administrator if there is an Oracle Documentation folder available on your network from which you can access the documentation (PDF) files.

Note To read the PDF files, you must use the free Adobe Acrobat Reader™ version 7.0 or later. This program can be downloaded from the Adobe Web site (http://www.adobe.com).

Note Before calling Agile Support about a problem with an Oracle Agile EDM manual, please have the full part number, which is located on the title page.

TTY Access to Oracle Support Services

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, 7 days a week. For TTY support, call 800.446.2398. Outside the United States, call +1.407.458.2479.

Readme

Any last-minute information about Oracle Agile EDM can be found in the Release Notes file on the Oracle Technology Network (OTN) Web site (http://www.oracle.com/technology/documentation/agile.html)

Agile Training Aids

Go to the Oracle University Web page (http://www.oracle.com/education/chooser/selectcountry_new.html) for more information on Agile Training offerings.

Accessibility of Code Examples in Documentation

Screen readers 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, some screen readers 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

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

Chapter 1

Release Overview

Platform Support Matrix

In general, the Integration Platform is running on any platform which provides a Java Runtime Environment 7. Nevertheless, there are some restrictions based on certain connectors which are listed below:

The Agile EDM Connector supports all platforms which are supported by Agile e6.1.3.0.

The Administration Client is part of the Integration Platform. Since it is a Java application and only needs a Java Runtime Environment, no platform restrictions apply. The Administration Client does also allow remote administration of the Integration Platform. In that case, you need to have a network connection between the workstation where you run the Administration Client and the Integration Platform Server.

Chapter 2

Enterprise Integration Platform

Since the Enterprise Integration Platform is a Java application, a Java Runtime Environment is required. This is not part of the installation package and therefore needs to be installed beforehand.

Note As the Enterprise Integration Platform includes a Web Server now that is able to handle JSPs, a Java Compiler must be installed. Either you install a Java Development Environment (JDK) where this is included, or you install a Java Runtime Environment and copy the file tools.jar from the JDK's lib directory to the JRE's lib directory.

Please remember to install the Java Runtime Environment on all platforms where you want to run the Enterprise Integration Platform or parts of it. If you installed it on a UNIX system for example, and you want to use the GUI tools on a Windows system from this installation location via a shared network drive, you have to install a Java Runtime Environment on your Windows machine as well.

This version of the Integration Platform runs on Java 7 (latest patch level recommended). You may download this from the website of the respective operating system provider:

AIX:	http://www.ibm.com/developerworks/java/jdk/aix/service.html
Windows, Solaris, Linux/Intel:	http://www.oracle.com/technetwork/java/javase/overview/index.html
HP-UX:	http://www.hp.com/go/java

Note After the installation of the Java Runtime Environment, please set the environment variable JAVA_HOME to point to its installation directory.

Third-Party Libraries

As certain third-party libraries are not shipped with the Enterprise Integration Platform anymore, please download them from the following locations as needed:

Library	Purpose	Download Location	Installation Instructions
js.jar	JavaScript support for XSL transformations	www.mozilla.org/rhino/	Browse to Downloads and then to the Rhino downloads archive. The preferred version to download is 1.7R2. Copy the file js.jar from the ZIP file to the libs directory.
wsdl4j.jar	WSDL generation for WebServices	sourceforge.net/projects/wsdl4j	Browse to Downloads and to the link to View older releases in the

			WSDL4J package . The preferred version to download is 1.5.1. Copy the file lib/wsdl4j.jar to the libs directory.

Agile EDM

The minimum Agile EDM version to be used together with the Integration Platform is Agile EDM e6.1.3.0.

Chapter 3

Hardware Requirements

Minimum Network Connectivity and Bandwidth

Note 100 MB/s LAN connections based on TCP/IP between the Integration Platform, Agile EDM Server and ERP Server.

Note At a minimum, a TCP/IP loopback device is required

Minimum Memory Requirements

The following recommendations are incremental to the amount of RAM required for other applications and the operating system.

Note Minimum of 128 MB for the Integration Platform.

Note Minimum of 30 MB for the Administration Client

Minimum Disk Space

Note The basic server installation requires 120 MB which also includes administration client installation.

Note Depending on the location of the queue database, temp directory for DEBUG files and checked-out physical files and log directory, more space may be required during runtime.

Chapter 4

Software Requirements

Java Runtime Environment

This version of the Integration Platform runs on Java 7 (latest patch level recommended). You may download this from the website of the respective operating system provider:

AIX:	http://www.ibm.com/developerworks/java/jdk/aix/service.html
Windows, Solaris, Linux/Intel:	http://www.oracle.com/technetwork/java/javase/overview/index.html
HP-UX:	http://www.hp.com/go/java

Please check that the JAVA_HOME environment variable is set correctly. You should get the version of the current installation of the Java Runtime Environment, when calling on the Integration Platform Server the program:

```
java -version
```

Agile EDM Server and Java Daemon

The minimum Agile EDM version to be used together with the Integration Platform is Agile e6.1.3.0. Older versions of Eigner or Agile EDM products are not supported.

Since the Agile EDM Connector is using the Java-ECI for connecting to Agile EDM, please make sure that the Agile EDM Java Daemon is configured and running properly.

Installation

The distribution is provided as a zipped tar file because the UNIX execution file rights are not preserved by WinZIP.

We recommend using WinZIP on Windows Platforms for expanding the delivered file.

On UNIX platforms you need the respective tar and unzip tools (recommended gtar and unzip).

Configuration

The configuration of the Integration Platform is done in XML files and XML stylesheet files. Although you can use any text editor to modify those files, we recommend using special

XML/XSL Editing tools.

These tools are not part of the standard distribution of the Integration Platform.