

Agile

Enterprise Integration Platform

ORACLE

Installation Requirements

Enterprise Integration Platform 2.1.2
SAP-Link 4.1.2

Part No. E11171-01

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January 24, 2008

PREFACE

The Agile documentation set includes Adobe® Acrobat™ PDF files. The Oracle Technology Network (OTN) Web site (<http://www.oracle.com/technology/documentation/index.html>) contains the latest versions of the Oracle|Agile PLM 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|Agile Documentation folder available on your network from which you can access the Oracle| Agile 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>).

The Oracle Technology Network (OTN) Web site (<http://www.oracle.com/technology/documentation/index.html>) can be accessed through **Help > Manuals** in both the Agile Web Client and the Agile Java Client. If applicable, earlier versions of Oracle|Agile PLM documentation can be found on the Agile Customer Support Web site (<http://www.agile.com/support>).

If you need additional assistance or information, please contact support@agile.com or phone (408) 284-3900 for assistance.

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

Readme

Any last-minute information about Oracle|Agile PLM can be found in the Readme file on the Oracle Technology Network (OTN) Web site (<http://www.oracle.com/technology/documentation/index.html>).

Agile Training Aids

Go to the Agile Training Web page (<http://training.agile.com>) for more information on Agile Training offerings.

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Chapter 1

Release Overview

Platform Support Matrix

In general, the Integration Platform is running on any platform which provides a Java Runtime Environment Version 1.4.1, 1.4.2 and 1.5.0. Nevertheless there are some restrictions based on certain connectors which are listed below:

For using the SAP Link, the least supported platforms are listed in the matrix below. For further information, please the SAP JCo (Java Connector) web site: <http://service.sap.com/connectors>.

Platform	SAP Connector
HP UX 11	X
Solaris 7	X
Windows NT 4.0 and higher	X
AIX 4.3	X
Linux 2.4.10 (Intel) SLES 8	X

The axalant connector supports all platforms which are supported by axalant 2000 Service Pack 3 and higher.

The Agile e6 connector supports all platforms which are supported by Eigner PLM 5.0.1 and higher.

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

Hardware Requirements

Minimum Network Connectivity and Bandwidth

Note: 100 MB/s LAN connections based on TCP/IP between the Integration Platform, Agile e6 Server and SAP R/3 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: If running the SAP Link, additional space is required for the SAP libraries (approx. between 8.5 and 26 MB depending on the platform).

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 3

Software Requirements

Java Runtime Environment

This version of the Integration Platform runs on the following versions of Java: 1.4.1, 1.4.2 and 1.5.0 (latest patch level recommended). You may download this from the website of the respective operating system provider:

AIX:	http://www-106.ibm.com/developerworks/java/jdk/aix/
Windows, Solaris, Linux/Intel:	http://java.sun.com/j2se/
HP-UX:	http://www.hp.com/products1/unix/java/
DEC UNIX:	http://www.compaq.com/java/alpha/

Please check that the JAVA_HOME environment variable is set correctly. When calling the program

```
java -version
```

on the Integration Platform Server, you should get the version of the current installation of the Java Runtime Environment.

Agile e6 Server and Java Daemon

The minimum Agile PLM version to be used together with the Integration Platform is **Eigner PLM 5.0.1**. The minimum axalant version is **axalant 2000 Service Pack 3**. Older versions of axalant and Eigner PLM are not supported.

Since the Agile e6 connector is using the Java-ECI for connecting to Agile e6, please make sure that the **Agile e6 Java-Daemon** is configured and running properly.

Felics Licenses for Integration Platform

The Integration Platform software is checking licenses in FELICS. Please contact Agile to get the required licenses for your PLM version as stated below.

Agile e6.0

One of the following FELICS Licenses need to be available (if no PLM-E6-ESI license is available!)

"PLM-E6-IPR"	EIP Runtime License
"PLM-E6-IPS"	EIP Server License.

Following license needs to be installed in any case:

"PLM-E6-IPA"	EIP Administration License
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If you purchased a SAP-Link license, the following license needs to be available:

"PLM-E6-ESI"	SAP-Link License
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Eigner PLM 5.0/Agile e5.1

One of the following FELICS Licenses need to be available (if no PLM-ESI license is available!)

"PLM-IPR"	EIP Runtime License
"PLM-IPS"	EIP Server License.

Following license needs to be installed in any case:

" PLM -DOT"	Distributed Objects
" PLM-DXP"	Interchange Tools

If you purchased a SAP-Link license, the following license needs to be available:

"PLM-ESI"	SAP-Link License
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axalant 2000 Service Pack 3

The following FELICS Licenses need to be available

"AXA-DOT"	Distributed Objects
"AXA-DXP"	Interchange Tools

If you purchased a SAP-Link license, the following license needs to be available:

"AXA-ESI"	SAP-Link License
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For further information, please see the Installation Manual.

SAP R/3

Minimum version of SAP R/3 required by the Integration Platform is 4.6C. The following privileges are required for the R/3 user(s), which is used by the R/3 Connector:

- Z_TRANS_RFC
- S_A.SCON
- All object-related privileges, e.g. for creating a material

Installation

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

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

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

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.

Chapter 4

Installation Checklist

As a courtesy to you, we have provided a pre-installation checklist to help you prepare for your installation. When Agile project managers will assist you with the installation, you will need to complete this checklist and return it to them before the planned installation date.

Company and IT Structure

Company Name: _____

Company Address: _____

System Administrator: _____

Phone _____

Fax: _____

Email: _____

Agile e6 Administrator: _____

Phone _____

Fax: _____

Email: _____

SAP R/3 Administrator: _____

Phone _____

Fax: _____

Email: _____

Installation Media

Please verify:

- We are able to mount and read CDROMS (ISO9660 with rrip) locally on each target machine for the Enterprise Integration Platform installation.

Node for the License Manager

The Felics License manager has following Host ID:

UCHOSTID: _____ (as shown by ughostid)

Note: Make sure that you run the ughostid program as Administrator (NT) or as root (UNIX) on the license manager node.

Target Platform for the Integration Platform

Please check:

- The operating system and Java Runtime Environment on all target machines are compliant with the currently supported versions. Refer to sections 1 and 3 of this document.
- The respective ZIP / TAR tools are available on the target machine.

Please list node name, node operating system version and version of the Java Runtime Environment (JRE) of the target platform (*uname -a* or Windows version):

Node: _____

Operating system: _____

Version of JRE: _____

System administration requirements

Please check:

- A system administrator prepared to log in as root (UNIX) and/or (Domain)Administrator (Windows) is available to assist for system specific parts of the installation at any time during the installation process.
- Recovery procedures for installation nodes and trained personnel for recovery are available at any time during the installation process.
- Nodes can be rebooted prior to the installation.
- Nodes can be rebooted for startup testing during and after the installation.
- The system requirements are met on all target machines running Agile e6 and the Java Daemon as listed earlier in this document.
- The necessary FELICS as described in chapter 3 are either already installed or the Felics Host-ID was sent to Agile Software.

The Agile e6 server process and JavaDaemon is installed on the following hardware/operating system:

Node Name: _____

Agile e6 Version: _____

Database Version: _____

Hardware Platform: _____

Operating System: _____

Java Daemon Port: _____

SAP R/3 administration requirements

Please check:

- ❑ SAP R/3 server can be contacted from Agile e6 server machine via *ping* command.
- ❑ You have a development license for the SAP R/3 system.
- ❑ The access to the SAP system via SAP GUI is available and the SAP GUI and Agile e6 GUI can be used **from the same display**.
- ❑ During the installation of the Integration Platform, it must be possible to create test data in the SAP system (material, bill of material, documents etc.).

The SAP administrator has the following knowledge/privileges:

- ❑ Create a new (dialog) user and assign certain privileges as described in chapter 3.
- ❑ Create a new user with ABAP/4 development and customizing rights. These rights are necessary for the installation of the additional RFC-Functions provided by Agile.

Please list SAP R/3 system name, system version and the server node name, which should be used with the Integration Platform:

R/3 System Name: _____

R/3 System Version: _____

Server Node Name: _____

Checklist filled out by:

Name _____

Phone _____

Fax: _____

Email: _____

City, Date

Signature

