



Agile® e6.0

## **Agile e6.0.2**

Installation Manual for Agile e6.0.2 Java Client on UNIX

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# REVISIONS

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# Chapter 1

## Introduction

This guide describes how to install the Agile e6 Java Client for UNIX.

### Where to Go for More Information

For information on installing the Agile e6 UNIX Server, refer to the document *Installing the Agile e6.0.2 UNIX Server* (PLM602\_UnixServer.pdf).

For information on installation prerequisites, including required operating system maintenance-level fixes and system patch levels, refer to the document *Agile e6.0.2 Prerequisites Guide* (PLM602\_INST\_REQS.pdf).

Please read the *Administration Manual for Agile e6.0.2* (PLM602\_Admin.pdf) for more information about how to use the Java Client with WebStart.

**Note:** The Agile e6 installation guides are available in the `doc` directory on the product DVD. To view Adobe® Portable Document Format (PDF) files, use Adobe Acrobat Reader® software, which is available at no charge at [www.adobe.com](http://www.adobe.com).

### Preparing the Installation

Before installing the Java Client for UNIX, do all of the following:

- Review the hardware and software requirements for your platform.
- Follow the instructions in the next chapter to prepare the installation.

### Hardware and Software Requirements

This section describes hardware and software requirements for installing and running the Agile e6 Java Client on a separate machine from the Agile e6 Server. For information on requirements for other Agile e6 components, refer to the document *Agile e6.0.2 Prerequisites Guide* (PLM602\_INST\_REQS.pdf), located in the `doc` directory on the product DVD.

To install and run the Java Client you'll need:

- A machine running one of the following operating systems:
  - HP UX 11i, 11v2 (PA-RISC 2.0 or higher)
  - Sun Solaris 9,10 (UltraSPARC III or higher)
  - IBM AIX 5L Version 5.2L 5.3 (Power PC 4 or higher)
  - SUSE Linux Enterprise Server 9 (i386)
- A display with a resolution of 1024 by 768 pixels or higher
- Memory: 256 MB RAM
- Disk space: 80 MB, for the installation directory

**Note:** Operating system versions other than those listed above are currently not supported.

# Chapter 2

## Installing the Agile e6 Client

### Preparing the Installation

**Note:** Java Runtime Environment 1.4.2, which is required, is **not** installed during the installation process.

1. Log in as the installation user.

This can be any user; the user does **not** need administrative access.

2. Point the JAVA\_HOME environment variable to the installed Java Runtime Environment.

```
echo $JAVA_HOME
```

If *\$JAVA\_HOME* is unknown to your shell environment, set it as follows:

- ❑ If you are running in a c shell (csh):  
setenv JAVA\_HOME <Path to the JRE Directory>

**Example:** setenv JAVA\_HOME /usr/j2se

- ❑ If you are running in a k shell (ksh):  
set DISPLAY=<Path to the JRE Directory>  
export JAVA\_HOME

**Note:** This environment variable is always needed to run the Agile e6 software. You should set it in default startup file for the user who runs the Agile e6 software, e.g. in the \$HOME/.login file.

3. Test the correct setting of \$JAVA\_HOME with the following command:

```
$JAVA_HOME/bin/java -version
```

which should produce an output like the following one:

```
java version "1.4.2_11"  
Java(TM) 2 Runtime Environment, Standard Edition (build 1.4.2_11-b06)  
Java HotSpot(TM) Client VM (build 1.4.2_11-b06, mixed mode)
```

4. If you are working remote, set the DISPLAY environment variable:

Check whether your environment variable DISPLAY is set to your current working display by calling:

```
echo $DISPLAY
```

If *\$DISPLAY* is unknown to your shell environment, set it as follows:

- ❑ If you are running in a c shell (csh):  
setenv DISPLAY <YourCurrentDisplay>:0.0

**Example:** `setenv DISPLAY 192.168.0.2:0.0`

- ❑ If you are running in a k shell (ksh):  
`set DISPLAY=<YourCurrentDisplay>:0.0`  
`export DISPLAY`

5. Create the installation directory in which you want to install the Agile e6 software (for example, `/app/plm60`).
6. Mount the Agile e6 Installation DVD to your file system:

The DVD has an ISO 9660 file system with Rock Ridge extension (rrip). If you get file names such as “filename;1” (HP-UX), use the mount option `rrip` to get correct file names. The mount command needs the name of the special file (`/dev/*`). See `/etc/fstab` or use the system tools.

**Note:** You may need root privileges to mount the DVD.

### Mounting the DVD for HP-UX

1. Find the device file name for the DVD drive with the following command:

```
ioscan -fn
```

2. Create the `/SD_CDROM` directory if it doesn't exist
3. To mount the UNIX installation DVD, use:

```
mount /dev/dsk/c0t0d0 /SD_CDROM
```

or use:

```
sam
```

### Mounting the DVD for Solaris

The operating system should recognize the inserted DVD automatically and mount it to `/cdrom/cdrom0`

The operating system releases the DVD with the command `eject /cdrom`.

If the automatic mount does not run, you need to mount the DVD by command with root privileges.

### Mounting the DVD for AIX

To mount the UNIX installation DVD, use:

```
mount -o ro -v cdrfs /dev/cd0 /cdrom
```

or use:

```
smit
```



## Mounting the DVD for Linux

The operating system should recognize the inserted DVD automatically and mount it to

```
/media/cdrom
```

or

```
/media/cdrecorder
```

The operating system releases the DVD with the command `eject /cdrom`.

If the automatic mount does not run, you need to mount the DVD by command with root privileges.

## Starting the Installation

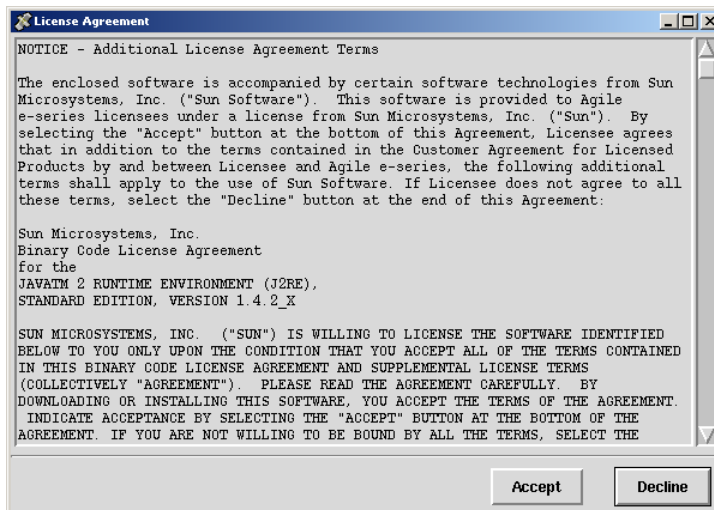
1. To start the installation, change to the setup directory:

```
cd <dvd-path>/unix/setup
```

2. Enter the following command:

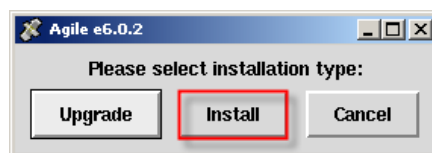
```
./setup
```

This opens the license agreement window shown in the following figure.



3. After reviewing the license agreement, click **Accept**.

This opens a new window where you have to select the installation type.



4. Click **Install** to continue.

**Note:** For Upgrade refer to the Upgrading Agile e6.0.2 document.

This opens the setup window, which you can use to set the necessary parameters.



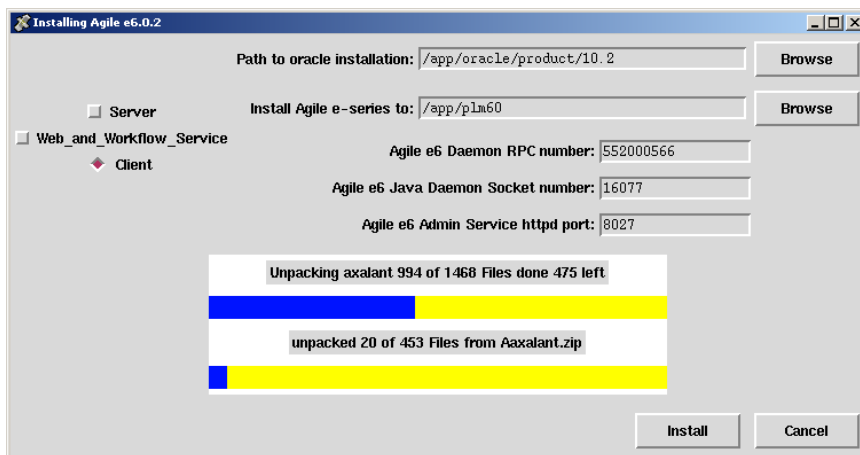
The following parameters refer to the server installation only and are not required for the client installation:

- Path to Oracle installation
  - Agile e6 Daemon RPC number
  - Agile e6 Admin httpd port
5. Edit the following parameters:
- Agile e6 Java Daemon Socket number

**Note:** The Agile e6 Java Daemon Socket number must be between 1 and 65535. We recommend to use numbers higher than 1024 to avoid conflicts with well known services.

- Make sure that the Client check box is selected.
6. Enter the path to your Oracle client installation if it differs from the default entry.
  7. Enter the path for your Agile e6 installation target if it differs from the default entry.
  8. Click the **Install** button to start the installation:

Depending on how many platforms you install, the installation may take from about ten minutes to one hour.



After the installation is finished, test the installation by running an Agile e6 client.

Refer to the sections on how to run the Java Client later in this manual.

## Testing Your Client Installation

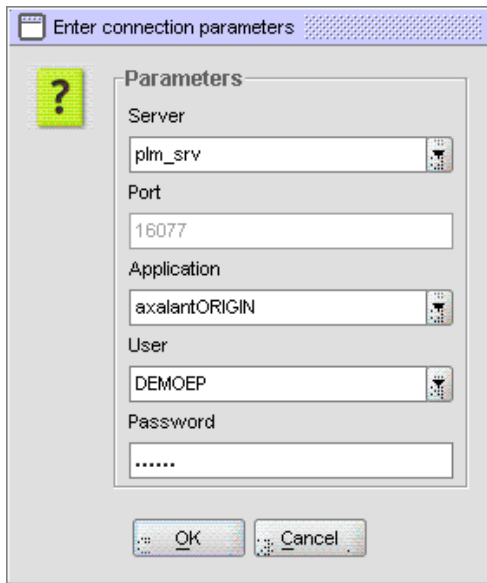
Follow the instructions in this section to test the client installation.

1. Start the Java Client.

On UNIX systems, the command to invoke the Java Client (using the complete path) is:

```
/<InstallDir>/axalant/scripts/jacc
```

This opens the Setup window.



2. Enter the following startup parameters in the Setup window:

- Server: your PLM Server name
- Port: your Java daemon port number
- Application: your PLM environment name
- User: your user name
- Password: your password

Examples are shown in the previous figure.

3. Click the OK button to continue or Cancel to exit.

## Troubleshooting

If the installation test fails, refer to the section “Troubleshooting” in the document *Installing the Agile e6.0.2 UNIX Server* (PLM602\_UnixServer.pdf).