Agile
Version e6.1

ORACLE

# Oracle® Agile

# Engineering Data Management

## Installing the Agile e6.1.2.2 Windows Client

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# 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.

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**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).

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

## TTY Access to Oracle Support Services

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## 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_eseries.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.

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# Chapter 1

# Introduction

This guide describes how to install the Agile e6 Client set on Windows, which comprises of three components – the Agile e6 Windows Client, the Agile e6 Java Client and the Agile e6 Office Suite.

You can install these components of the Agile e6 Client set in the following ways:

- Using the *Agile e6 Installer* program, as described in Chapter 3: Installing with Agile e6 Installer.
- Using the silent mode installation procedures described in Chapter 4: Installing in Silent Mode.

The Agile e6 Java Client can also be installed by means of Web Start, as described in Chapter 5: Installing Agile e6 Java Client with Web Start.

The Microsoft Office Suite can be installed only on the computer systems with Microsoft Windows XP or higher operating system.

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**Note** A comprehensive list of supported operating systems can be found in the Prerequisites Guide.

## Where to Go for More Information

Please refer to the *Administration Manual for Agile e6.1.2.2* for more information about how to use the Java Client with WebStart.

After the Client is installed, it should be able to connect to a running Agile e6 server. For information on installing the Agile e6 server, refer to one of the following documents:

- *Installation Manual for Agile e6 Server on Windows* – for installing a PLM server that runs under Windows and uses an Oracle 11g database system.
- *Installation Manual for Agile e6 Server on UNIX* – for installing a PLM server that runs under UNIX and uses an Oracle 11g database system

Consult the *My Oracle Support* for Agile to obtain further information on installing other Agile e6.1.2.2 components and optimizing your system with the components.

# Chapter 2

# Preparing the Installation

**Note** A complete list of all the requirements, including a pre-installation checklist, is given in the *Prerequisites Guide for Agile e6.1.2.2*.

## JAVA_HOME Path

**Important** JAVA_HOME has to point to a 32 bit Java 6 JRE installation.

Before starting the installation, set the JAVA_HOME path as follows:

1. Open the Windows control panel.
2. Open System.
3. Go to the Advanced tab.
4. Click on Environmental Variables.
5. The environment variable JAVA_HOME needs to be set to the path where the Java Runtime Environment (JRE) is installed.

   Example: C:\Program Files\Java\jre6\bin.

**Note** You can set this path during the installation of the Agile e6.1.2.2 Client Software also.

# Requirements for the Office Suite Installation

For complete details on all the requirements for the Office Suite installation, refer to the *Agile e6.1.2.2 Prerequisites Guide*.

Further information about the manual installation of all prerequisites can be found in Chapter 4: Installing in Silent Mode.

A user with *Administrator* privileges is required to install the Office Suite.

# Parallel Installation of Agile e6.x and Agile e6.1.2.2 Windows Clients

To install Agile e6.x and Agile e6.1.2.2 clients in parallel on the same machine, use separate client settings (profiles) for each version.

**Note** Before installing the Agile e6.1.2.2 client, rename the *_Default* and *_Large* settings for backup as the new installation will change these settings.

The installation can be done by using the Agile e6 or Agile e6.1 client setup dialog. After the parallel installation, each client version must be started using the corresponding settings.

**Note** The Office Suite feature of Agile e5.1 and/or Agile e6.x cannot be installed parallel to Agile e6.1.2.2 on the same machine. Only a Single office application works with Agile e6.1.2.2.

# Chapter 3

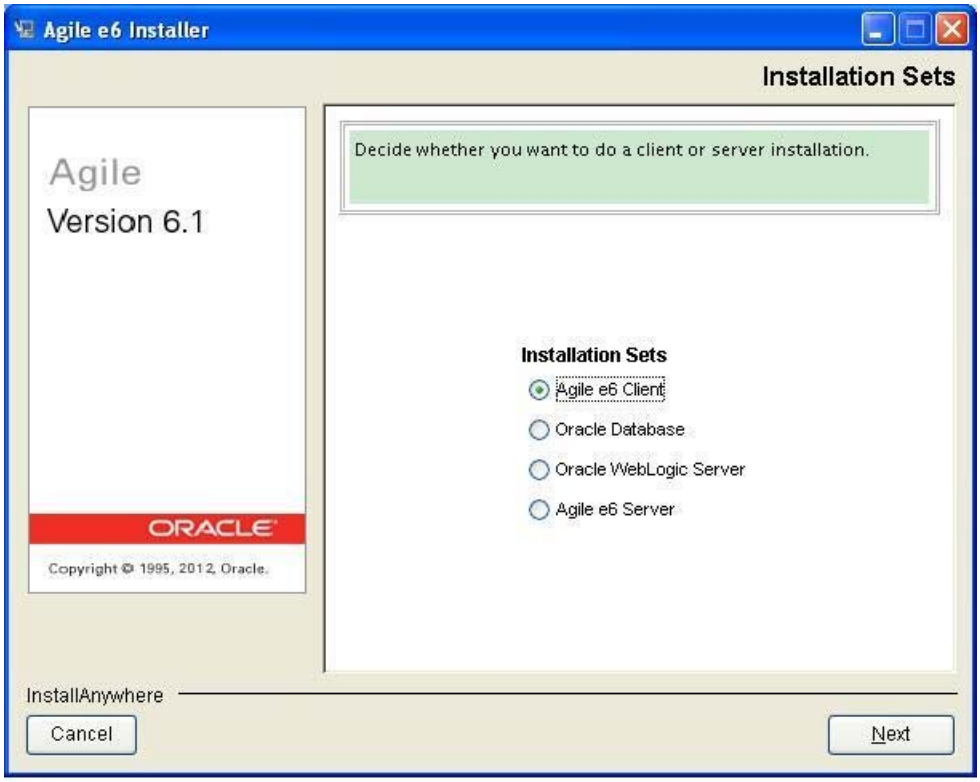
# Installing with the Agile e6 Installer

The Agile e6 Installer, version 6.1, facilitates the installation of the Agile e6 Client Set, which comprises of three components - the Agile e6 Windows Client, the Agile e6 Java Client and the Agile e6 Office Suite.

**To install the Agile e6 Client set:**

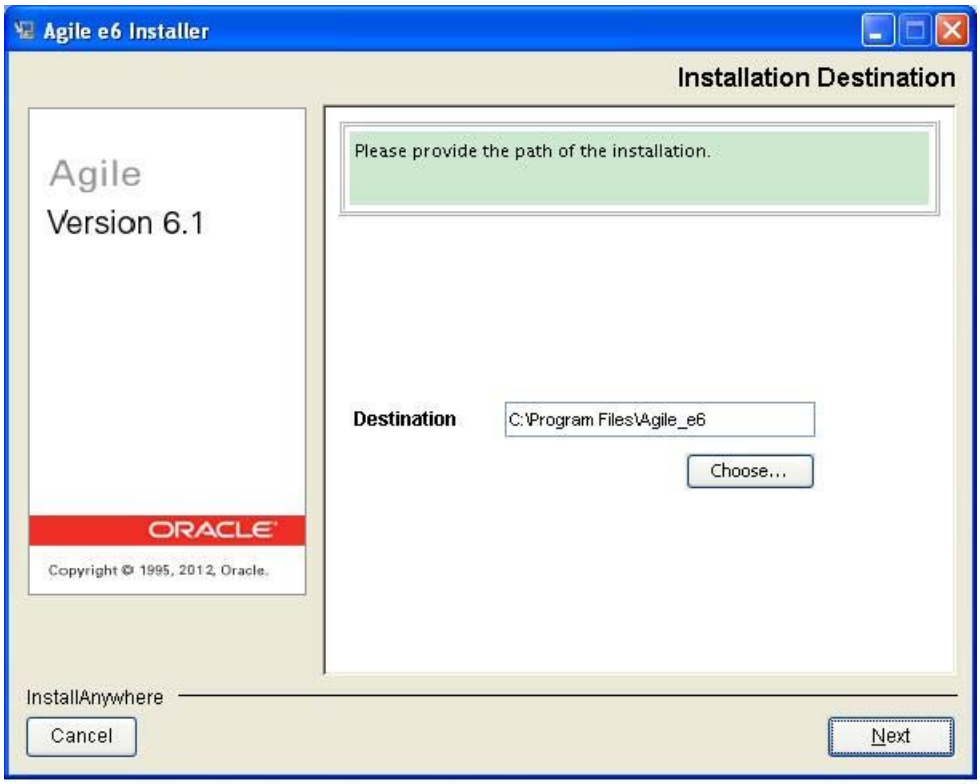
1. Extract the downloaded installation file.
2. Change to the installer directory *…\installer*.
3. Execute gui.cmd.

   The *Installation Sets* screen appears.




4. Select the Agile e6 Client *Installation Set* and click Next.

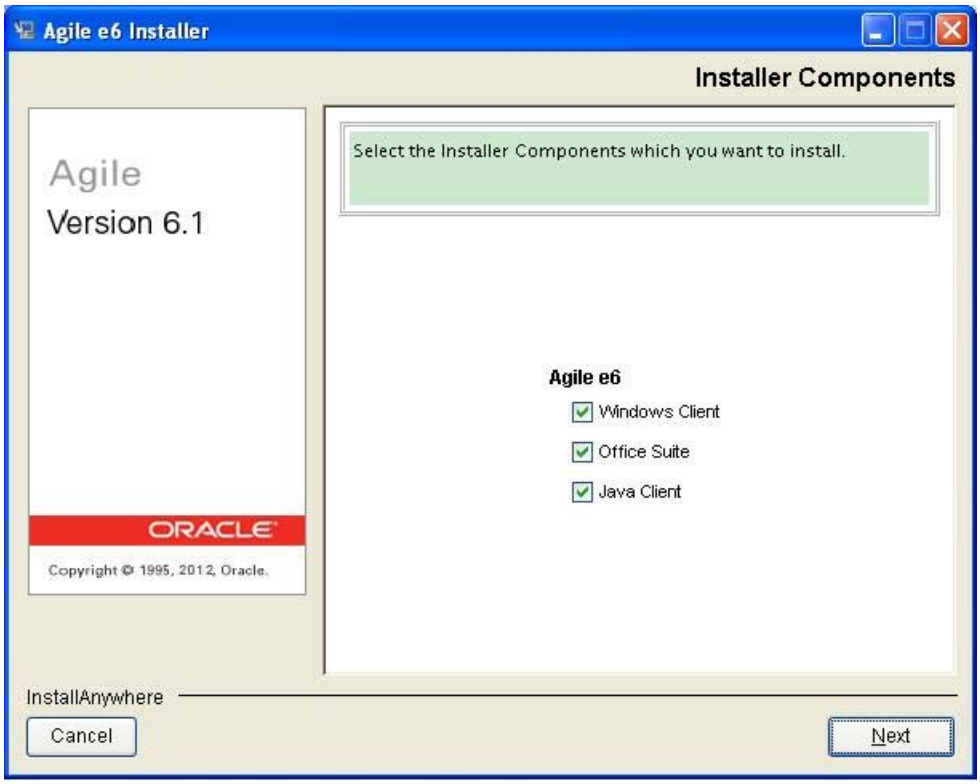
   The *Installation Destination* screen appears.




5. Enter the Destination path where you wish to install the Agile e6 Client set and click **Next**.

**Note** The installation destination is the root path to install the Agile e6 Client set. This has to be either a non existing path or an empty directory. For every component of the Agile e6 Client set, a separate subdirectory is created under this path.

The *Installer Components* screen appears.



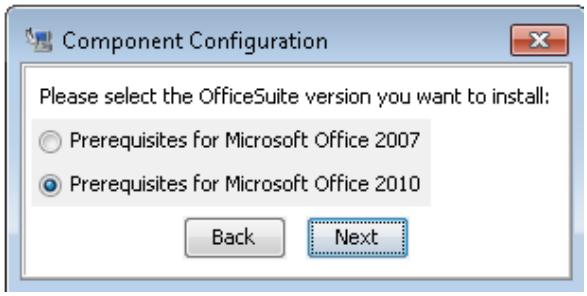

**Note** Depending on the operating system, different client options appear. For Window 7, which does not support the Agile e6 Windows Client, only the Agile e6 Office Suite and Agile e6 Java Client options are available.

**Note** A user with Administrator privileges is required to install the Agile e6 Office Suite.

6. Select the Agile e6 components to be installed and click Next.

   1. For the Agile e6 Windows Clients and Agile e6 Java Client, the installation completes and the *Install Complete* screen appears.

   2. For the Agile e6 Office Suite, the *Component Configuration* window pops up.



The installation of Office Suite depends on the Windows version.

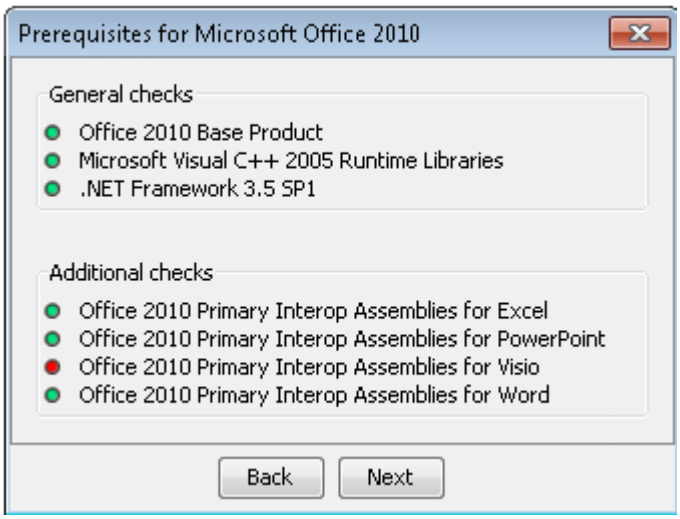
- In Windows 7, the Office Suite 2003 is not available.
- In the other versions of MS Windows, the Office Suite 2010 is not available.

3. Select the desired prerequisites for the MS Office Suite version and click Next.

   a. For Microsoft Office 2003, the installer proceeds to complete the installation and the *Install Complete* screen appears.

   b. For Microsoft Office 2007, the *Prerequisites for Microsoft Office 2007* screen appears.

The following sample screen shows some failed checks too. This implies that some of the prerequisites are not installed on your system.

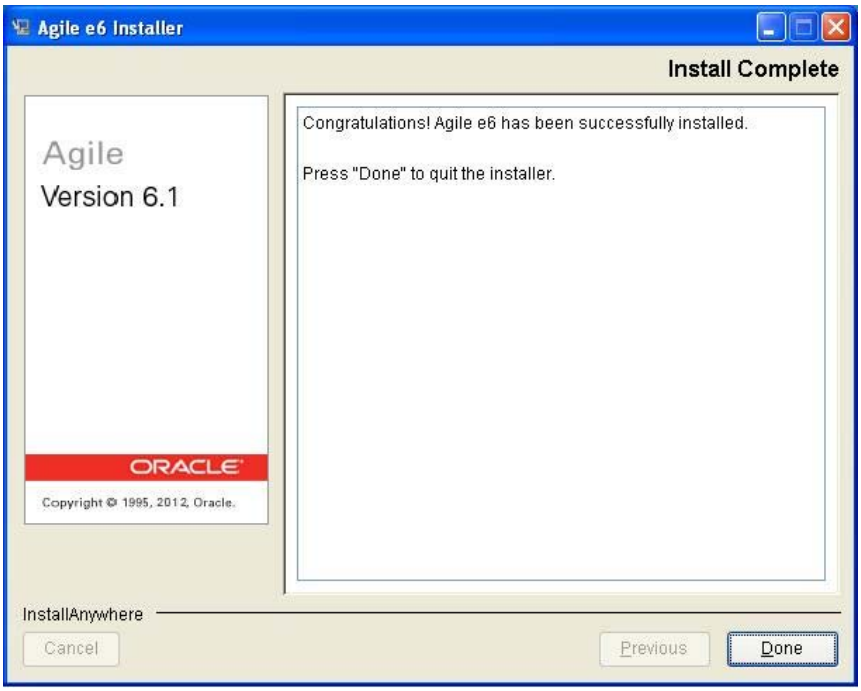



   c. If you notice any failed checks (displayed with Red markings), click Back to stop the installer and install the prerequisites.

**Note** The prerequisites are not installed by the Installer. If any of the prerequisites is missing, you are required to stop the installation, install the missing prerequisites and then start the installation process again.

   d. If you wish to fix the failed checks after the installation, click Ignore failed checks and continue.

The Install Complete screen appears.




4. Click Done to exit the installer.

# Enable Trace

If you want to have detailed trace messages for your GUI installation, the following environment variables have to be set for Windows:

- set plm_ant_loglevel=3
- set plm_ia_stderr=C:\temp\iastderr.log
- set plm_ia_stdout=C:\temp\iastdout.log

**Note** Make sure that the directory where the trace file should be stored in is available.

# Chapter 4

# Installing in Silent Mode

The installation tool uses the automatic installation feature of the Windows installer (msiexec). The silent installation can be executed for the Agile e6 Windows Client, the Agile e6 Java Client, and the Agile e6 Office Suite.

The command for executing silent installation is msiexec.

The following are the msiexec variables:

| msiexec Variable | Description |
|---|---|
| /qb | Reduces the graphical interface to show only the progress bar during the installation with msi |
| /i name.msi | Installation for the respective name of the client |
| ALLUSERS=2 | Default for a pre-machine installation |
| TARGETDIR="C:\Program Files\Oracle\Agile xxx Client" | Target path for the installation |
| JAVA_HOME="C:\Program Files\Java\jre6" | Path to the installed 32bit Java 6 JRE |
| DISABLEADVTSHORTCUTS=1 | Allows modification of the target field in the properties of the shortcut link for the Windows and Java Client |

## Windows Client

1. Unpack <*installation_package_root*>*packages**intel-ms-nt5.1**clientwindowsmsi.zip*.

   The file DtvClient.msi can be found in the directory *axalant**bin**interl-ms-nt5.1*.

2. Execute the silent installation for the Windows Client:

   Example:

   ```
   msiexec /qb /i DtvClient.msi ALLUSERS=2 JAVA_HOME="C:\Program
   Files\Java\jre6" TARGETDIR="C:\Program Files\Oracle\Agile Windows
   Client"
   ```

## Java Client

1. Unpack <*installation_package_root*>*packages**intel-ms-nt5.1**clientjavamsi.zip*.

   The file JavaClient.msi can be found in the directory *axalant**bin**intel-ms-nt5.1*.

2. Execute the silent installation for the Java Client:

   Example:

   ```
   msiexec /qb /i JavaClient.msi ALLUSERS=2 JAVA_HOME="C:\Program
   Files\Java\jre6" TARGETDIR="C:\Program Files\Oracle\Agile Java Client"
   ```

# Office Suite

The path <OFS_INSTALL> points to the *Oracle OfficeSuite for Agile EDM installation package.*

**Example**: axalant\bin\intel-ms-nt5.1\office2003

## Installation Privileges

**Note** The cmd shell, from where all the Office Suite installation tasks are executed, has always to be started with Run as administrator even if you are doing the installation as the Administrator User.

To open the cmd shell with Run as administrator, do the following:

1. Select Start > All Programs > Accessories > Command Prompt**.**
2. From the context menu, select Run as administrator.

   The *User Account Control* screen appears.
3. Apply the needed credentials if asked and select Yes/Continue to go ahead.

   The *Windows cmd* shell appears. This is the shell you have to use for all the Office Suite installation tasks.

## Office Suite Installation Binaries

1. Unpack the Zip file for the required Office Suite as given in the following table:

| | |
|---|---|
| Microsoft Office 2003 | <installation_package_root>\packages\intel-ms-nt5.1\officesuite2003.zip |
| Microsoft Office 2007 | <installation_package_root>\packages\intel-ms-nt5.1\officesuite2007.zip |
| Microsoft Office 2010 | <installation_package_root>\packages\intel-ms-nt5.1\officesuite2010.zip |

2. Check the prerequisites and installation requirements.

   Refer to the *Agile e6122 Prerequisites Guide* for detailed information on the prerequisites and installation requirements.

3. Execute the prerequisite checks.

4. If the prerequisite checks are successful, execute the silent installation:

   Example:

   ```
   msiexec /qb /i GDMAddin2010Setup.msi ALLUSERS=2 TARGETDIR="C:\Program
   Files\Agile_e6\Office Suite"
   ```

## Options of the Windows Installer

- /qb: reduces the graphical interface to only show a progress bar during the installation of the msi
- /i name.msi: indicates that this is a installation for name
- ALLUSERS=2: defaults to a per-machine installation.

  See http://msdn2.microsoft.com/en-us/library/aa367559(VS.85).aspx or http://msdn2.microsoft.com/en-us/library/aa371865(VS.85).aspx for more information.

- TARGETDIR="C:\Program Files\Agile_e6\Office Suite": installation target

Example

- Installation for Microsoft Office 2003

  ```
  msiexec /qb /i GDMAddin2003Setup.msi ALLUSERS=2
  TARGETDIR="C:\Program Files\Agile_e6\Office Suite"
  ```

- Installation for Microsoft Office 2007

  ```
  msiexec /qb /i GDMAddin2007Setup.msi ALLUSERS=2
  TARGETDIR="C:\Program Files\Agile_e6\Office Suite"
  ```

- Installation for Microsoft Office 2010

  ```
  msiexec /qb /i GDMAddin2010Setup.msi ALLUSERS=2
  TARGETDIR="C:\Program Files\Agile_e6\Office Suite"
  ```

**Note** Except the Microsoft Office application, the installation tool checks all the prerequisites.

**Note** Only the installation progress bar is displayed during the installation.

# Standalone Tool for Checking the Prerequisites

An additional tool for checking the Office Suite prerequisites can be found at the following location: *<installation_package_root>\addon\officesuite\officecheck.zip*

This tool can be used without the need to copy the whole installer to a client machine.

**Note** The Office Suite check requires an installed 32bit Java Runtime Environment Version 6 (JRE) to execute the checks.

1. Extract the officecheck.zip file on the client machine.
2. Start an administrative cmd shell.
3. The environment variable JAVA_HOME needs to be set to the path where the Java Runtime Environment (JRE) is installed.

   Example: C:\Program Files\Java\jre6\bin.
4. To check for all supported Office versions, execute the following command:

   ```
   officecheck.cmd
   ```

   **Note** The tool will check all supported Office versions when no parameter was supplied.
5. To check for specific Office versions, execute one of the following commands:
   1. For Microsoft Office 2003

      ```
      officecheck.cmd 2003
      ```
   2. For Microsoft Office 2007

      ```
      officecheck.cmd 2007
      ```
   3. For Microsoft Office 2010

      ```
      officecheck.cmd 2010
      ```

Chapter 5

# Installing Agile e6 Java Client with Web Start

**To install the Agile e6 Java Client installation with web start:**

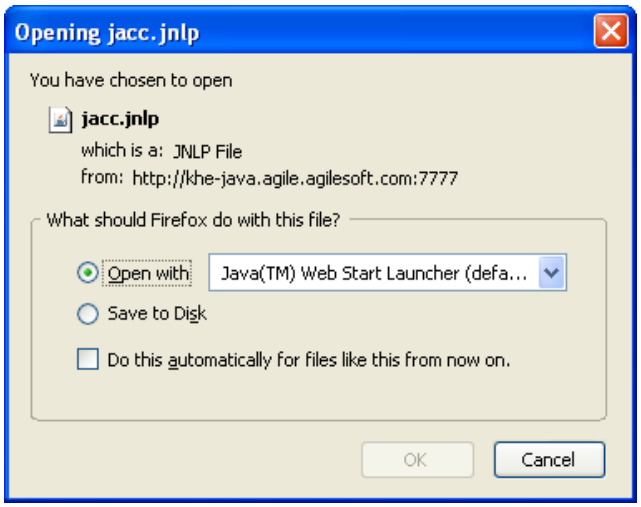
1. Enter the following into the address bar -

   `http://example.com:7777/Jaccyin/jacc.jnlp`

   where

   example.com:7777 = the name of the Application Server, and

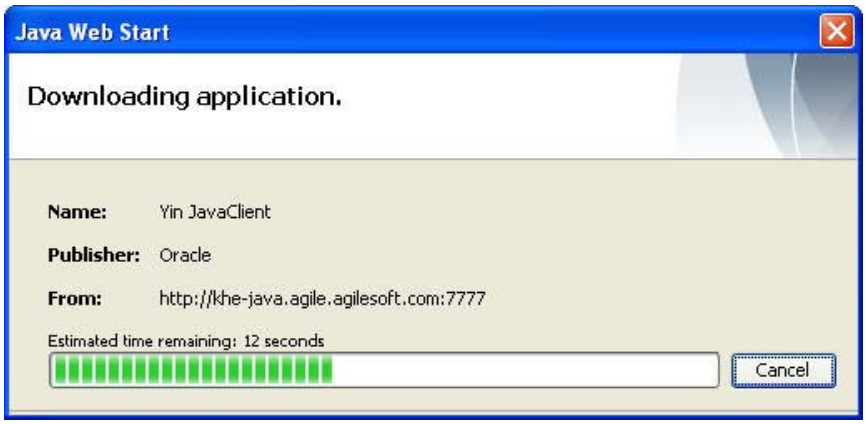
   Yin = the installation name given during the server installation




2. Click OK.

   The *Downloading application* window is opened.

**Note** This window is opened only for the first download.




Upon completion of the download, the application opens.

3. Enter the connection details.

# Chapter 6

# Workflow Editor Connection Settings

The workflow editor connects via the Windows Client or Java Client to the PLM server. Therefore, the Windows Client always has to be started using the ECI-TOPIC parameter if you want to use the workflow editor *(-p ECI-TOPIC:t:1:h:localhost:r:12349*). Otherwise, the following message is displayed:

```
"Could not read ECI-TOPIC from client environment. Make sure that ECI-
TOPIC has syntax ':t:transportmode:h:hostname:r:portnumber'"
```

For transport mode only tcpip-connection (=1) is allowed.

---

**Note** The TCP port number 12349 is randomly selectable and has to be free.

**Note** Every client on a PC has to have its own TCP port number.

**Note** The ECI-TOPIC parameter does not need to be set for the Java Client.

**To edit the connection settings:**

1. Open the directory of your installation.
2. Open ...\Windows Client\axalant\cmd**.**
3. Create a copy of the file plm.cmd and rename it.
4. Edit the file and add the parameter *"-p ECI-TOPIC:t:1:h:localhost:r:12349*" at the end of the following line:

   ```
   start "Windows Native Client"
   "%ep_root%\axalant\bin\%EP_MACH%\dtv_cli_vc6.exe" %*
   ```

   Example:

   ```
   start "Windows Native Client"
   "%ep_root%\axalant\bin\%EP_MACH%\dtv_cli_vc6.exe" %* -p ECI-
   TOPIC:t:1:h:localhost:r:12349
   ```

# Chapter 7

# Uninstalling the Agile e6 Components

To uninstall the Agile e6 Clients and/or the Office Suite, use the standard Microsoft Windows *Add or Remove Programs* application.