

IBM WebSphere Adapter for JD Edwards EnterpriseOne on WebSphere Application Server version 6.1 Installation Guide

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Installing

This document describes how to install and uninstall IBM® WebSphere® Adapter for JD Edwards EnterpriseOne on WebSphere Application Server version 6.1.

You can install the adapter in one of two ways: either through a graphical user interface provided by the installer or silently through a script. Both methods are described in this document. If you have questions as you perform the installation, refer to the “Troubleshooting an installation” section for help.

After you install the adapter using the instructions in this guide, refer to your adapter documentation for information about how to configure and deploy it.

Supported platforms for running the installer

The installer supports a variety of Microsoft® Windows®, UNIX® and Linux® platforms.

- Windows
 - Windows XP
 - Windows 2003 Standard Edition
 - Windows 2003 Enterprise Edition
- UNIX and Linux
 - AIX®
 - HP UNIX 11x
 - HP UNIX IA64
 - Solaris SPARC
 - Solaris x86
 - Red Hat Enterprise AS/ES/WS
 - SuSE Enterprise Server

Note: Install the adapter on workstations with the preceding operating systems only. Not all adapters can be installed on all operating

systems, even though they might run on those operating systems. For more information, see the documentation specific to your adapter.

For information on adapter-specific hardware and software requirements, see <http://www.ibm.com/support/docview.wss?uid=swg27006249>.

Installing the adapter using a graphical user interface

The installer places a resource adapter archive (RAR) file and other adapter artifacts for WebSphere Adapter for JD Edwards EnterpriseOne on your system but it does not deploy or configure the adapter.

Performing the installation

Install the adapter from either the IBM WebSphere Adapter for JD Edwards EnterpriseOne on WebSphere Application Server, Version 6.1 product CD or download image.

1. Insert the IBM WebSphere Adapters, Version 6.1 product CD or access the download image.
2. Read the JDEdwards_README.html file on the IBM WebSphere Adapter for JD Edwards EnterpriseOne on WebSphere Application Server Version 6.1 product CD or download image. This file might contain installation information that was created after this edition of *Installing IBM WebSphere Adapters* was published.
3. Start the installer by running the executable files specific to your operating system:
 - **Windows:**
 - setupwin32.exe
 - setupwinAMD64.exe
 - setupwinIA64.exe
 - **UNIX and Linux:**
 - setupaix
 - setupHP.bin
 - setupHPIA64.bin

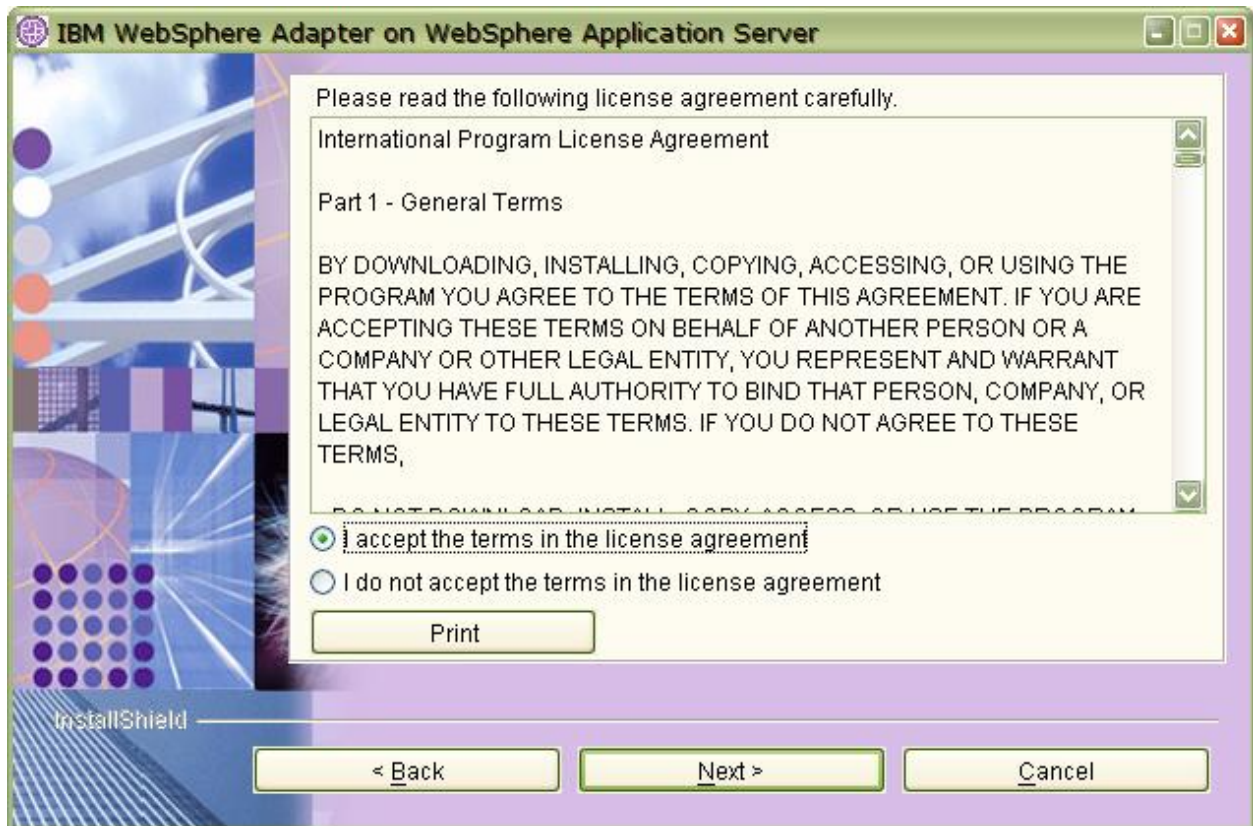
- setupLinux.bin
- setupSolaris.bin
- setupSolarisx86.bin

Note: Java™ runtime is required to run the installer. The installer will attempt to detect the installation directory of the WebSphere Application Server JRE first and then look for the System JRE on the installation system. If neither is available, the installer will allow you to select JRE manually.

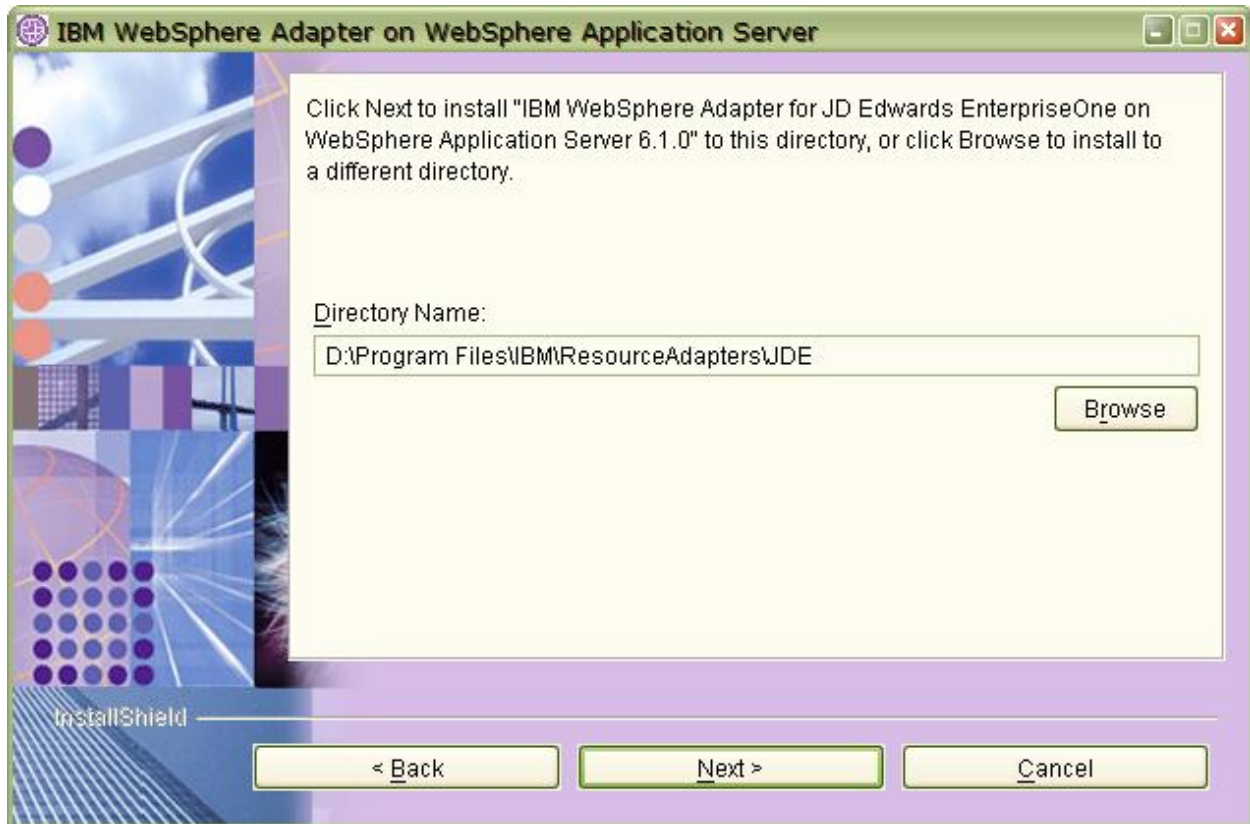
4. Select the language for the installer from the languages list, and click **OK**. The following window is displayed. **Note:** In this step, select the language in which the installer is displayed, not the language for the adapter you are installing.



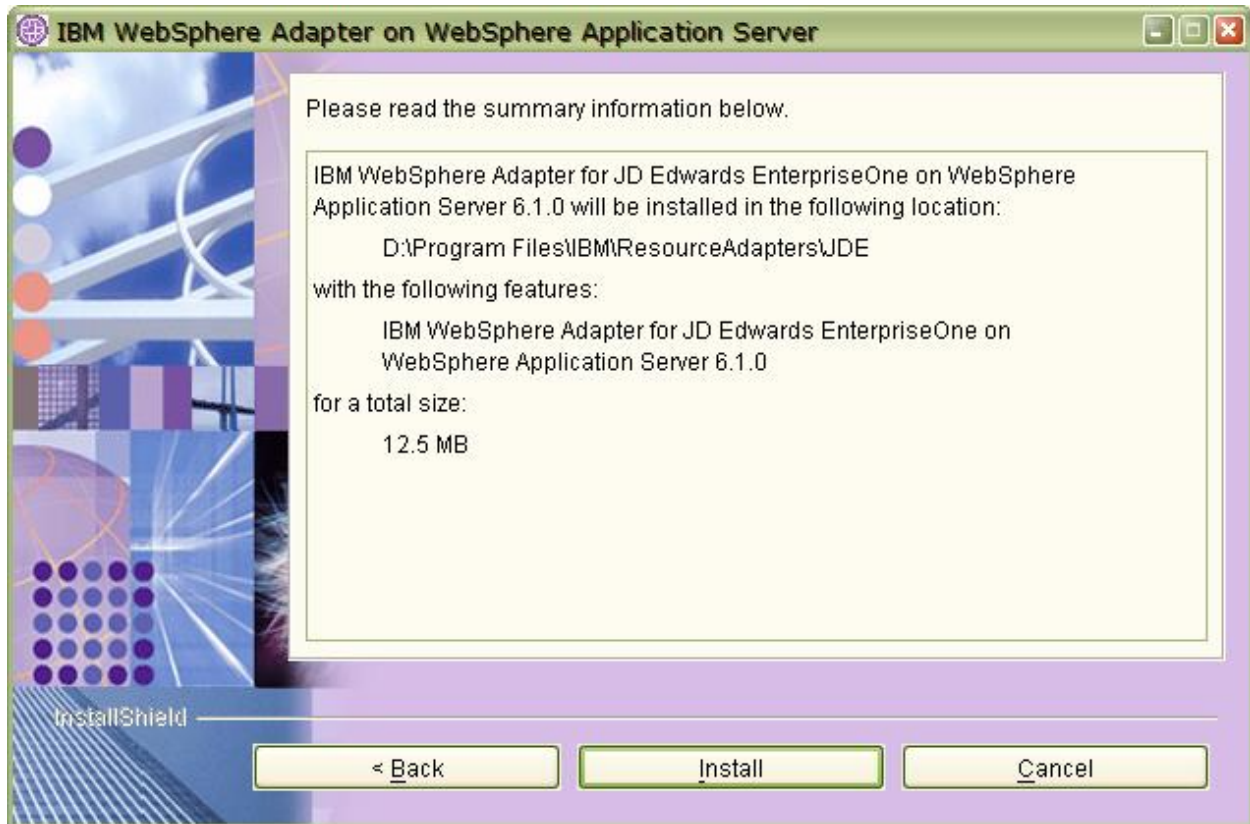
- 5.
6. On the welcome window, click **Next**.
7. Read and accept the license agreement and click **Next**.



8. Either accept the default installation path or specify a new one, and click **Next**.



9. The summary presented in the next window lists the product name, version, installation location, components to be installed, and disk space required by the installation. Confirm the summary information and click **Install**.



10. The installer installs the RAR file, an uninstaller, and other adapter artifacts such as message files and then displays a confirmation window. Click **Finish**.



Result

Verify that the installation was successful by checking for the RAR file in the destination directory. You can also check the return code in the installation log file. For more information about return codes and the log file, or for support information, see the "Troubleshooting an installation" section.

Installing an adapter silently using a script

If you are installing a WebSphere Adapter on multiple systems, you can save time by performing a silent installation. A silent installation automates the installation process with a script that guides the procedure. Like the graphical version, a silent installation places the RAR file and related artifacts in the designated location.

Performing the installation

When performing a silent installation, you first specify your installation preferences in a file. Then you specify the file as an option when you run the

installation wizard. The installer performs the same checks for the silent installation as it does for the graphical installation. If it encounters errors, the installation terminates and error messages are displayed on the command line.

To perform a silent installation:

1. Open the settings.txt file. This file is shipped with the product installer and is available when you download the installer or access the installer <on the?> CD. The file is also known as the InstallShield Options file template.
2. Follow the directions in the settings.txt file. Edit this file to specify an installation location. After reading the instructions, which are provided as comments in the file, perform the following steps:
 - a. Find the line or lines that begin with three pound sign characters (###).
 - b. Edit these lines to express your preferences, specifying a value by replacing the characters <value>.
 - c. Remove the pound sign (###) characters from the lines you edit.
3. Save the file with another name to preserve the original file. For these instructions, the file is renamed mysettings.txt.
4. Run the silent installation. From a command line, change the directory to the location that contains the edited settings.txt file, and enter the following command:

```
setupwin32.exe -silent -options mysettings.txt
```

The following example launches a silent installation on a Linux system:

```
setupLinux.bin -silent -options mysettings.txt
```

If you encounter problems, see the “Troubleshooting an installation” section.

Result

Verify that the installation was successful by checking for the RAR file and other artifacts in the destination directory. You can also check the return code in the installation log file. For more information about return codes and the log file, see the “Troubleshooting an installation” section.

Troubleshooting an installation

If you experience problems while installing IBM WebSphere Adapter for JD Edwards EnterpriseOne on WebSphere Application Server, you can turn to a variety of resources, including the installation log file, which contains error and informational messages, and IBM Software Support.

Installation log file

The installation log file collects informational and error messages written during installation and uninstallation, whether you are operating in either graphical or silent mode.

The installation log file, log.txt, is located in the installation location directory, for example:

C:\Program Files\IBM\ResourceAdapters\JDEdwards

The log.txt file collects status reports and error and informational message IDs. These reports and messages are cumulative and time stamped. As the table shows, error message IDs end with an E, and informational message IDs end with an I.

Message ID	What it means
CWYAS0001I	The installation was successful.
CWYAS0002	The installation failed.
CWYAS0003I	The uninstallation was successful.
CWYAS0004E	The uninstallation failed.

The message IDs appear on lines that end with return codes. A return code of 0 means a successful operation. A non-zero return code indicates an installation or uninstallation failure.

For example, the following line is from the log.txt file that accompanies a successful installation of WebSphere Adapter for JD Edwards EnterpriseOne:

```
Install, com.ibm.wbia.ismp.wizard.actions.LogInstallationStatus, msg1,  
CWYAS0001I: IBM WebSphere Adapter for JD Edwards EnterpriseOne on WebSphere  
Application Server 6.1.0 successfully installed. Return code: 0
```

Self help resources

Use the self help resources of IBM Software Support to get the most current support information, to obtain technical documentation, to download support tools and fixes, and prevent problems with WebSphere Adapters. The self help resources also help you diagnose problems with the adapter and contact IBM Software Support.

The software support Web site for WebSphere Adapters at <http://www.ibm.com/software/integration/wbiadapters/support> provides the following resources:

- Flashes (alerts from technical support)
- Technotes
- Authorized program analysis reports (APARS)
- Technical information, including the product information center, manuals, IBM Redbooks®, and white papers.
- Educational offerings
- *IBM Software Support Handbook*

Register at the site to use My Support to create a customized support page for your use.

Uninstalling

When uninstalling a WebSphere Adapter, you remove the RAR file and other files placed on your system by the installer except for the log.txt file and the installation directory. You can use a graphical uninstaller or a script. Uninstalling a RAR file has no effect on an adapter RAR or EAR file deployed to WebSphere Application Server.

Uninstalling an adapter using a graphical user interface

Use the uninstaller, which is installed with the adapter, when you want to use a graphical user interface to uninstall a WebSphere Adapter on your system. To use the uninstaller, the adapter must be successfully installed.

1. Launch the uninstaller:
 - On Windows, follow these steps:
 - a. Click **Start > Settings > Control Panel**.
 - b. Select **Add/Remove Programs**.
 - c. Click **IBM WebSphere Adapter for <your adapter>**.
 - d. Click **Change/Remove**.

Note: Alternatively, you can launch the uninstaller from the command line:

```
<install location>\_uninst\uninstaller.exe
```

- On Linux or UNIX, enter the command:

```
<install location>/_uninst/uninstaller.bin
```

2. Select the language for the uninstaller from the languages list, and click **OK**.
3. Confirm the adapter you want to uninstall, and click **Next**.
4. Read the summary information to confirm the adapter and its file path, and click **Next**.
5. When the uninstaller is finished, click **Finish**.

Uninstalling an adapter silently using a script

Uninstalling silently can save time, especially when removing multiple adapters. The process involves running a script rather than using the graphical uninstaller.

Run the file that uninstalls the adapter:

- On Windows, run the batch file `uninstaller.exe`, as shown in the following command:

```
"<Installation Location>\_uninst\uninstaller.exe" -silent
```

- On Linux or UNIX, run the script shown in the following example:

```
<Installation Location>/_uninst/uninstaller.bin -silent
```

Result

To confirm the removal of the adapter, check the installation location for the adapter RAR file; it should no longer be there.

Accessibility

The installer and the installation wizard support the assistive technology features outlined in the IBM Java™ Accessibility checklist. Keyboard shortcuts allow navigation and selection of graphical user interface components without use of a mouse.

For further information on accessibility, see the IBM Java Accessibility Website at <http://www-306.ibm.com/able/guidelines/java/accessjava.html>.

All operating system keyboard accessibility features are maintained. The keyboard shortcuts are as follows:

- Navigate among graphical components by using the Tab key.
- Select a button within a component by using the Space bar or Enter key, then use Enter as needed to choose the selected item.
- Cancel the installation or uninstallation action by tabbing to the Cancel key and then either using Alt + C or the Enter key.

When working with the installer, use the Space bar to accept the license (by selecting the radio button), then use the Enter key to proceed to the next screen.

The assistive technology features include the following:

- **Focus.** Assistive technology readers read the object in focus. The installer and the installation wizard feature visual indicators, including highlighted objects and a visual cursor and movement.
- **Non use of color.** Color is not used to provide status or information.
- **Contrast.** The installer and the installation wizard inherit system contrast settings. System contrast settings are configurable.
- **Support system settings.** Settings for size, font, and color for all user interface controls are inherited from the operating system.
- **Non-animated presentation mode.** The installer uses animation for the installation and uninstallation progress display only. Assistive technology readers announce the installation and uninstallation actions and read the progress of these processes as percentages completed.
- **Controls, objects, and icon labels.** All the installer and installation wizard components are named and a description for each is provided. No icons are used. Labels are associated with components, and are detected and read by assistive technology readers.

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