

**Version 2.6**

for Windows, Linux, AIX, Solaris, iSeries



**Installation and Upgrade Guide**

**Note**

Before using this information and the product it supports, read the information in "Notices," on page 11.

**First Edition (March 2006)**

This edition applies to version 2.6 of IBM Workplace Designer (product number L-FSMH-6H6PUN) and to all subsequent releases and modifications until otherwise indicated in new editions.

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## IBM Workplace Designer 2.6 installation and upgrade

IBM® Workplace™ Designer 2.6 is a development tool for creating components that can be added to IBM Workplace applications and used with a Web browser. Workplace Designer provides a Tool for creating the components, and a Runtime that allows the components to be deployed as applications on the server. You can install Workplace Designer in any of the following environments:

- IBM Workplace Collaboration Services 2.6 server environment
- IBM Workplace Services Express 2.5, 2.5.1, or 2.6 server environment
- Standalone Tool environment, which allows you to create components without having to install or connect to a server.

You can also upgrade from Workplace Designer 2.5 to Workplace Designer 2.6.

You can install Designer from the Workplace Designer CDs, or download and install from the Web at either the IBM Software on-line catalog at [http://www.ibm.com/software/info/ecatalog/en\\_US/index.html](http://www.ibm.com/software/info/ecatalog/en_US/index.html), or the IBM Passport advantage Web site at <http://www.lotus.com/services/cwepassport.nsf/wdocs/passporthome>.

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## System requirements

### Server computer requirements

- **IBM Workplace Collaboration Services 2.6:** The Workplace Designer Runtime is installed as part of the server, and is supported on all of the server-supported operating systems. For information on server-supported operating systems, see the IBM Workplace Collaboration Services 2.6 Information Center on the Web at <http://www.ibm.com/developerworks/workplace/documentation>.
- **IBM Workplace Services Express 2.6:** The Workplace Designer Runtime is installed as part of the server, and is supported on all of the server-supported operating systems. For information on server-supported operating systems, see the IBM Workplace Services Express 2.6 Information Center on the Web at <http://www.lotus.com/products/product5.nsf/wdocs/productdoc#info>.
- **IBM Workplace Services Express 2.5 and 2.5.1:** You must install the Workplace Designer Runtime on the servers. The Runtime is supported on all server-supported operating systems. For information on supported operating systems, see the IBM Workplace Services Express 2.5 Information Center on the Web at <http://www.lotus.com/products/product5.nsf/wdocs/productdoc#info>. The Runtime requires 90 MB of disk space, and does not require more speed or memory than is required for the servers.

### Client computer requirements

- **IBM Workplace Collaboration Services 2.6:** The Workplace Designer Tool is installed as part of the server, and is provisioned to client computers when users provision the IBM Workplace Managed Client™. The Tool is supported on all Workplace Managed Client-supported operating systems. For information on Workplace Managed Client-supported operating systems, see the IBM Workplace Collaboration Services 2.6 Information Center on the Web at <http://www.ibm.com/developerworks/workplace/documentation>.

- **IBM Workplace Services Express 2.5, 2.5.1, 2.6, or a standalone installation:**  
You must manually install the Workplace Designer Tool on client computers. The Tool is supported on the following operating systems:
  - Microsoft® Windows® 2000 Professional with Service Pack 2
  - Microsoft Windows XP with Service Pack 1
  - Red Hat Enterprise Linux® WS 3.0 with Update 3; Kernel: 2.4.2.21-27.0.2";  
Compiler: gcc 3.2, glibc 2.3.2; desktop environment: GNOME
 The client computer must also have, at minimum, 500 MB of disk space, 512 MB RAM, and an Intel® Pentium® 3, 800 MHz processor.

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## Installing IBM Workplace Designer on Workplace Collaboration Services 2.6

IBM Workplace Designer 2.6 Runtime is installed as part of the IBM Workplace Collaboration Services 2.6 server. After a server administrator performs several steps to enable IBM Workplace Designer on the server, users get the Workplace Designer Tool when they provision the IBM Workplace Managed Client.

You can also install the Designer Tool standalone from the Web or CDs, create components, and then later connect to a Workplace Collaboration Services 2.6 server to deploy the components. For information on installing the Designer Tool standalone, see the topic “Installing the IBM Workplace Designer Tool” on page 6. For information on connecting to a Workplace Collaboration Services 2.6 server to deploy components at a later time, see the IBM Workplace Designer 2.6 Help.

For information on installing the Workplace Collaboration Services server, installing the provisioning server, setting user policies, and provisioning the Workplace Managed Client, see the IBM Workplace Collaboration Services 2.6 Information Center, on the Web at <http://www.ibm.com/developerworks/workplace/documentation>.

Perform these steps to enable Workplace Designer on the Workplace Collaboration Services 2.6 server:

1. Install the Workplace Collaboration Services 2.6 server. During installation, check the **IBM Workplace Designer** box to confirm that you have a valid license for Workplace Designer.
2. Install the provisioning server on the Workplace Collaboration Services server.
3. If you are using Cloudscape™, do one of the following actions:
  - On Microsoft Windows, open the WebSphere/PortalServer/rootscripts/subtasks/startNetworkServer.bat file on the Workplace Collaboration Services server, locate the line that contains `-Xms512M -Xmx1024M`, and modify the line as shown: `START "Cloudscape" /min %JAVA_HOME%\bin\java -cp %CNS_CLASSPATH% -Xms512M -Xmx1024M -Ddb2j.drda.host=0.0.0.0 -Ddb2j.drda.sendLongBitVaryingAsBlob=true -Ddb2j.drda.sendLongVarcharAsClob=true com.ibm.db2j.drda.DB2jServer start -ld "`
  - On Linux, open the WebSphere/PortalServer/rootscripts/subtasks/startNetworkServer.sh file on the Workplace Collaboration Services server, locate the line that contains `-Xms512M -Xmx1024M`, and modify the line as shown:  `"$JAVA_HOME/bin/java -Xms512M -Xmx1024M -Ddb2j.drda.host=0.0.0.0 -Ddb2j.drda.sendLongBitVaryingAsBlob=true`

```
-Ddb2j.drda.sendLongVarcharAsClob=true -cp $CNS_CLASSPATH  
com.ibm.db2j.drda.DB2jServer start -ld >/opt/WebSphere/PortalServer/  
log/NetworkServer.log &"
```

4. Do the following to enable Workplace Designer:
  - a. Open the IBM WebSphere® Application Server Administrative Console at [http://yourWASServer:admin\\_port/admin](http://yourWASServer:admin_port/admin) where *yourWASServer* is the fully qualified DNS name of the WebSphere Application Server, and *admin\_port* is the port assigned to the WebSphere Administrative Console, for example <http://acme.server.com:9091/admin>, and log in as an administrator.
  - b. In the navigation menu on the left, click **IBM Workplace software** → **Users** → **Manage User Policies**.
  - c. Click the **Default User Policy** (or specific user policy name) link.
  - d. Select **Rich client** to enable the IBM Workplace Managed Client.
  - e. Scroll down and check **Allow IBM Workplace Designer**.
  - f. Click **OK** below the policy, save your configurations, and then log out of the WebSphere Application Server Administrative Console.

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## Installing IBM Workplace Designer on Workplace Services Express 2.6

Perform these steps to install IBM Workplace Designer on IBM Workplace Services Express 2.6 servers:

1. Install the Workplace Services Express 2.6 server. For information, see the IBM Workplace Services Express 2.6 Information Center on the Web at <http://www.lotus.com/products/product5.nsf/wdocs/productdoc#info>.
2. Install the Tool on client computers.

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## Installing IBM Workplace Designer on Workplace Services Express 2.5 and 2.5.1

Perform these steps to install IBM Workplace Designer on IBM Workplace Services Express 2.5 or 2.5.1 servers:

1. Install the Workplace Services Express 2.5 or 2.5.1 server. IBM Workplace Designer provides a Workplace Services Express 2.5.1 server on both the Web and CDs, intended for test purposes only. For installation documentation applicable to both Workplace Services Express versions, see the 2.5.x version of the IBM Workplace Services Express Information Center on the Web at <http://www.lotus.com/products/product5.nsf/wdocs/productdoc#info>.
2. Install the Designer Runtime on the server computer.
3. Install the Designer Tool on client computers.

## Installing the IBM Workplace Designer Runtime

These steps assume that you have installed an IBM Workplace Services Express 2.5 or 2.5.1 server.

You can install the IBM Workplace Designer Runtime from the Web or from the CDs. If you are installing from the Web, these steps assume that you have downloaded to a temporary directory either C87UAML.exe (on Microsoft Windows platforms) or C87U5ML.tar (on Linux, AIX®, Solaris, or IBM i5/OS® platforms).

Perform the following steps to install the Runtime:

1. Stop all servers that run IBM Workplace application servers, for example your database servers and IBM WebSphere Portal Server. For information, see the IBM Workplace Services Express 2.5 Information Center on the Web at <http://www.lotus.com/products/product5.nsf/wdocs/productdoc#info>.
2. Do one of the following actions:
  - If you are installing from files downloaded from the Web, create an installation directory (for example, C:\WD26) and then extract either the C87UAML.exe or C87U5ML.tar to the directory. For Linux, AIX, and Solaris platforms, you can extract the TAR file by entering `tar xvf C87U5ML.tar` in a command line. For i5/OS platforms, copy the tar file to the IFS, type QSH in the command line, change directories (CD) to the directory where the tar file is located, and then run the following command: `pax -rv -C 819 -f C87U5ML.tar`.
  - If you are installing from the CDs, insert the **IBM Workplace Designer Runtime v2.6 Multiplatform Multilingual** CD into the computer.
3. Navigate to the /DesignerRuntime/Server directory either on the CD, or in the directory where you extracted the EXE or TAR file. Then do one of the following actions to start the installation program:
  - On Microsoft Windows, run DesignerServerSetupWin32.exe.
  - On Linux, run DesignerServerSetupLinux.bin.
  - On AIX, run DesignerServerSetupAIX.bin.
  - On Solaris, run DesignerServerSetupSolarisSparc.bin.
  - On i5/OS, run install400.bat from a remote Windows machine. Then in the dialog box, enter your computer's host name, administrator name, and password.
4. In the **Select a language to be used for this wizard** dialog box, select a language, and then click **OK**.
5. In the **Welcome to IBM Workplace Designer 2.6 Runtime** dialog box, click **Next**.
6. In the license agreement dialog box, select **I accept the terms in the license agreement**, and then click **Next**.
7. Verify that the IBM Workplace Application Server location is correct, enter or update the cell name and node name values if necessary, enter the administrator user name and password (except for i5/OS), and then click **Next**.
8. For the Workplace Designer Runtime directory location, verify that the directory location is correct or browse for a different directory, and then click **Next**.
 

**Note:** If you are upgrading, you can install over the Designer 2.5 Runtime without losing your 2.5 components.
9. In the summary dialog box, verify the information, and then click **Next**.
 

**Note:** If you are asked if you want to replace files, click **Yes to All**.
10. In the success dialog box, click **Finish**.
11. Navigate to the /DesignerRuntime/WSE\_iFix directory either on the CD, or in the directory where you extracted the EXE or TAR file, and follow the instructions in the readme.txt file for installing the iFix file, LOD6N7T.jar.
12. Start all servers that run IBM Workplace application servers, for example your database servers and IBM WebSphere Portal Server. For information, see the

IBM Workplace Services Express 2.5 Information Center on the Web at <http://www.lotus.com/products/product5.nsf/wdocs/productdoc#info>.

13. If you are using i5/OS, install the IBM Workplace Designer EAR file. For information, see the topic “Installing the IBM Workplace Designer EAR file.”
14. If you are using Windows, Linux, AIX, or Solaris, verify that Designer Runtime is installed and has started by following these steps:
  - a. Open the IBM WebSphere Application Server Administrative Console at [http://yourWASServer:admin\\_port/admin](http://yourWASServer:admin_port/admin) where *yourWASServer* is the fully qualified DNS name of the WebSphere Application Server, and *admin\_port* is the port assigned to the WebSphere Administrative Console, for example <http://acme.server.com:9091/admin>, and log in as an administrator.
  - b. Click **Applications** → **Enterprise Applications** on the server.
  - c. In the list of applications, check if **LWP Designer Runtime** is listed and has a green arrow next to it. If it does not have a green arrow, check the box next to **LWP Designer Runtime**, click **Start** at the top of the page, save your configurations, and then log out of the WebSphere Application Server Administrative Console.

**Tip:** Troubleshoot installation errors by looking at one of these files:

- On Windows, Linux, AIX, and Sun Solaris platforms: `installlog5.txt` located in the Workplace Designer installation directory.
- On i5/OS platform: `lwpinstalllog.txt` located in `workplace_server_root/log` directory, where `workplace_server_root` refers to the Workplace Server directory.

## Installing the IBM Workplace Designer EAR file

Perform these steps only if your IBM Workplace Services Express 2.5 or 2.5.1 server is installed on the IBM i5/OS platform.

1. Open the IBM WebSphere Application Server Administrative Console at [http://yourWASServer:admin\\_port/admin](http://yourWASServer:admin_port/admin) where *yourWASServer* is the fully qualified DNS name of the WebSphere Application Server, and *admin\_port* is the port assigned to the WebSphere Administrative Console, for example <http://acme.server.com:9091/admin>, and log in as an administrator.
2. Click **Applications** → **Install New Application** in the left-hand panel.
3. At the **Preparing for the application installation** screen, in the **Path** section, browse to the `workplace_designer_root/lib` directory, where `workplace_designer_root` refers to the Workplace Designer installation directory, select `designer.runtime.ear`, and then click **Next**.
4. At the **Generate Default Bindings** screen, click **Next**.
5. At the **Step 1: Provide options to perform the installation** screen, make sure **Deploy EJBs** is unchecked, and then click **Next**.
6. At the **Step 2: Provide JNDI names for Beans** screen, click **Next**.
7. At the **Step 3: Map virtual hosts for web modules** screen, check **Web Module**, and then click **Next**.
8. At the **Step 4: Map modules to application servers** screen, select the **WebSphere\_Portal server** from the **Clusters and Servers** list, select the **Modules** check box to select all the modules, and then click **Apply**.
9. Select the **Modules** check box to select all the modules again, and then click **Next**.

10. At the **Step 5 Map security roles to users/groups** screen, select the **lwpUser** check box under **Role**, and then click **Next**.
11. At the **Step 6: Summary** screen, click **Finish**.
12. When the results screen has completed and you see the message **Application LWP\_Designer\_Runtime installed successfully**, click **Save to Master Configuration**.
13. At the **Save to Master Configuration** screen, click the **Save** button. This will return you to the WebSphere Administrative Console home page.
14. Verify that **LWP\_Designer\_Runtime** has been deployed. Click **Applications** → **Enterprise Applications**, and locate **LWP\_Designer\_Runtime** in the list of applications. If you see that the application hasn't been started yet, check the box next to **LWP\_Designer\_Runtime**, click **Start** at the top of the page, save your configurations, and then log out of the WebSphere Application Server Administrative Console.

**Tip:** Troubleshoot installation errors by looking at `lwpinstalllog.txt` located in `workplace_server_root/log` directory, where `workplace_server_root` refers to the Workplace Server directory.

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## Installing the IBM Workplace Designer Tool

You must install the IBM Workplace Designer Tool on client computers in Workplace Services Express 2.5, 2.5.1, or 2.6 server environments. You can also install the Tool by itself, create components, and later connect to a server and deploy the components.

You can install the Tool from the Web or from the CDs. If you are installing from the Web, these steps assume you have downloaded to a temporary directory either `C89MKML.exe` (on Microsoft Windows platforms) or `C89MIML.tar` (on Linux platforms). Perform the following steps to install the Tool:

1. Do one of the following actions:
  - If you are installing from files downloaded from the Web, create an installation directory (for example, `C:\WD26`) and then extract either `C89MKML.exe` or `C89MIML.tar` to the directory. On Linux platforms you can extract the TAR file by entering `tar xvf C89MIML.tar` in a command line.
  - If you are installing from the CDs, insert the **IBM Workplace Designer Tool v2.6 Multiplatform Multilingual** CD into the computer.
2. Navigate to the `/Wmc.Designer` directory, either on the CD or in the directory where you extracted the EXE or TAR file, and then run `setup_wct_platform.exe` (Microsoft Windows) or `setup_wct_platform.bin` (Linux) to start the installation program.
3. In the **Welcome to IBM Workplace Managed Client** dialog box, click **Next**.
4. In the license agreement dialog box, select **I accept the terms in the license agreement**, and then click **Next**.
5. Click **Next** to install to the default directory shown, or specify a directory and then click **Next**.

**Note:** If you have an existing Workplace Designer installation, you must specify a different directory for the current installation.

6. In the summary dialog box, verify the information, and then click **Next**.
7. In the success dialog box, click **Next**.
8. When setup is complete, click **Finish**.

A Workplace Designer icon displays on the desktop and the Tool opens.

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## Uninstalling IBM Workplace Designer

You can do the following:

- Uninstall the IBM Workplace Designer Runtime from IBM Workplace Services Express servers.
- Uninstall the IBM Workplace Designer EAR file from IBM Workplace Services Express 2.5 and 2.5.1 servers on i5/OS computers.
- Uninstall the IBM Workplace Designer Tool from client computers in IBM Workplace Services Express server environments.

### Uninstalling the IBM Workplace Designer Runtime

Perform the following steps to uninstall the IBM Workplace Designer 2.6 Runtime from IBM Workplace Services Express servers:

Operating system	Steps
Microsoft Windows	Click <b>Start</b> → <b>Settings</b> → <b>Control Panel</b> → <b>Add Remove Programs</b> , select <b>IBM Workplace Designer 2.6 Runtime</b> , and then click <b>Remove</b> .
Linux, IBM AIX, Sun Solaris	Navigate to the <i>workplace_designer_root</i> directory, where <i>workplace_designer_root</i> refers to the Workplace Designer installation directory, (for example, /WD26), and then run <i>uninstaller.bin</i> .
IBM i5/OS	<ol style="list-style-type: none"><li>1. Remove the directory where you installed the Runtime. If you have a QShell session running (type QSH in an i5/OS command line to start the QShell Interpreter), enter <code>rm -rf <i>workplace_designer_root</i></code>, where <i>workplace_designer_root</i> refers to the Workplace Designer installation directory (for example, /WD26). <b>Note:</b> <code>rm -rf</code> will force removal of all directories within and including the Designer installation directory without prompting you to confirm the removal. Make sure you enter the correct directory when removing Designer Runtime.</li><li>2. Uninstall the IBM Workplace Designer 2.6 EAR file. For information, see the topic "Uninstalling the IBM Workplace Designer EAR file."</li></ol>

### Uninstalling the IBM Workplace Designer EAR file

Perform these steps on IBM Workplace Services Express 2.5 or 2.5.1 servers installed on IBM i5/OS:

1. Open the IBM WebSphere Application Server Administrative Console at `http://yourWASServer:admin_port/admin` where *yourWASServer* is the fully qualified DNS name of the WebSphere Application Server, and *admin\_port* is the

port assigned to the WebSphere Administrative Console, for example <http://acme.server.com:9091/admin>, and log in as an administrator.

2. Click **Applications** → **Enterprise Applications**.
3. Check the box next to **LWP Designer Runtime**, and then click **Stop** at the top of the page.
4. Verify that **LWP\_Designer\_Runtime** stops by checking the success message at the top of the page, and checking that a red X appears next to **LWP\_Designer\_Runtime**.
5. Click the box next to **LWP\_Designer\_Runtime**, and then click **Uninstall** at the top of the page.
6. Verify that **LWP\_Designer\_Runtime** was uninstalled by checking the success message at the top of the page, and checking that **LWP\_Designer\_Runtime** is no longer listed in the list of applications.
7. Save your configurations, and log out of the WebSphere Application Server Administrative Console.

## Uninstalling the IBM Workplace Designer Tool

Perform these steps to uninstall the IBM Workplace Designer 2.6 Tool from either a standalone environment, or IBM Workplace Services Express server environments:

1. Do one of the following actions:
  - On Microsoft Windows, click **Start** → **Settings** → **Control Panel** → **Add/Remove Programs**, select **IBM Workplace Managed Client**, and then click **Change/Remove**.
  - On Linux, navigate to the *workplace\_designer\_root/\_uninst* directory, where *workplace\_designer\_root* refers to the Workplace Designer installation directory, (for example, /WD26), and then run *uninstaller.bin*.
2. In the **Welcome to IBM Workplace Managed Client** dialog box, click **Next**.
3. Click **Next** to save your existing data, documents and settings, or select **Yes** to delete everything, and then click **Next**.
4. Verify that Workplace Designer is being uninstalled from the correct directory, and then click **Next**.
5. In the summary dialog box, verify the information, and then click **Next**.
6. Click **Next** to restart your computer, or select **No, I will restart my computer at a later time**, and then click **Finish**.

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## Upgrading to IBM Workplace Designer 2.6

If you previously installed IBM Workplace Designer 2.5 in an IBM Workplace Collaboration Services 2.5.1 or an IBM Workplace Services Express 2.5 environment, perform these steps to upgrade to IBM Workplace Designer 2.6 in those environments:

1. On the server computer, stop all servers that run IBM Workplace application servers, for example your database servers and IBM WebSphere Portal Server. For information, see the IBM Workplace Collaboration Services 2.5.1 Information Center on the Web at <http://www.ibm.com/developerworks/workplace/documentation> and the IBM Workplace Services Express 2.5 Information Center on the Web at <http://www.lotus.com/products/product5.nsf/wdocs/productdoc#info>.

2. On the server computer, install the IBM Workplace Designer 2.6 Runtime over the IBM Workplace Designer 2.5 Runtime. If you are asked if you want to overwrite any files, click **Yes**.
3. On the server computer, start all servers that run IBM Workplace application servers, for example your database servers and IBM WebSphere Portal Server. For information, see the IBM Workplace Collaboration Services 2.5.1 Information Center on the Web at <http://www.ibm.com/developerworks/workplace/documentation> and the IBM Workplace Services Express 2.5 Information Center on the Web at <http://www.lotus.com/products/product5.nsf/wdocs/productdoc#info>.
4. Verify that the IBM Workplace Designer EAR file was installed by checking the IBM WebSphere Application Server Administrative Console. For information, see the topic “Installing the IBM Workplace Designer Runtime” on page 3.
5. On the client computer, export your Workplace Designer 2.5 components and preferences. For information on exporting, see the IBM Workplace Designer 2.5 Help.
6. On the client computer, do one of the following to uninstall the Workplace Designer 2.5 Tool:
  - On Microsoft Windows, click **Start** → **Settings** → **Control Panel** → **Add/Remove Programs**, and then select **IBM Workplace rich client** and click **Remove**.
  - On Linux, navigate to the *workplace\_designer\_root/\_uninst* directory, where *workplace\_designer\_root* refers to the Workplace Designer installation directory, (for example, /WD26), and then run *uninstaller.bin*.
7. On the client computer, install the Workplace Designer 2.6 Tool.
8. On the client computer, import your Workplace Designer 2.5 components and preferences. For information on importing, see the IBM Workplace Designer 2.6 Help.



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## Appendix. Notices

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