

# WinRunner®

## *Java Add-in Installation Guide*

Version 5.01

**Online Guide**



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# Before You Install

Welcome to the Java Add-in for WinRunner 5.01, Mercury Interactive's tool for testing Java applets and applications. This installation guide describes everything you need to know to successfully setup the Java Add-in.

## Checking Your Java Add-in Package

In addition to this installation guide, your Java Add-in package should include the 1 Java Add-in CD-ROM.

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## System Configuration

In order to successfully run WinRunner with the Java Add-in, you need the following minimum system configuration:

<b>Platform</b>	An IBM-PC or compatible with a 486 microprocessor or higher. For best performance, a 586 processor is recommended.
<b>Memory</b>	At least 16 MB RAM. For best performance, 32 MB is recommended.
<b>Disk Space</b>	At least 24 MB of free disk space for a minimum installation, or 66 MB for a typical or complete installation.  At least 5 MB of free disk space in your browser installation directory.
<b>Operating System</b>	Windows 95, Windows 98, or Windows NT 4.0.
<b>Prerequisites</b>	WinRunner 5.01  Netscape 4.05 Professional Edition, Netscape 4.06, 4.07, 4.08, 4.5, or Internet Explorer

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## Upgrading from a Previous Version

You can install the Java Add-in for WinRunner 5.01 over a previous version of the add-in.

## Note for WebTest Users

You can have both the Java Add-in and WebTest installed in WinRunner 5.01. Use WebTest if you want to check HTML text. For more information on WebTest, contact Mercury Interactive Customer Support.

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# Installing the Java Add-in

The WinRunner Java Add-in installation process involves 2 main stages:

- Run the Java Add-in setup program.
- If during the setup program you chose to install Mercury classes on the web server, you must configure the web server so that the Mercury classes are installed in the same location as the Java classes.

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**Note:** Before you install the Java Add-in, you must have WinRunner 5.01 on your computer. If you intend to test applets in a browser, you must have a browser installed.

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## Running the Setup Program

The setup program installs the Java Add-in support in your WinRunner installation folder.

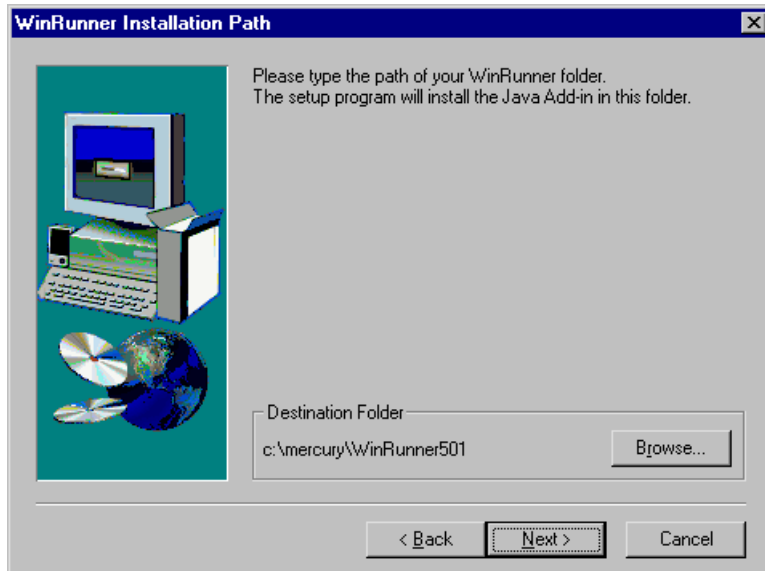
### To run the Java Add-in setup program:

- 1 Insert the CD-ROM into the drive from which you want to install. If you are installing from a network drive, connect to it.
- 2 Select **Run** on the **Start** menu.
- 3 Type the location you are installing from, and setup.exe. For example, type d:\setup.exe.
- 4 Click **OK**. The WinRunner Java Add-in setup program starts. The WinRunner splash screen and the Setup progress bar open.
- 5 Read the Welcome dialog box.

Click **Next** to proceed.



- Specify the folder in which you want to install the Java Add-in. The destination folder should be the WinRunner installation folder. Click **Browse** to change the destination folder.

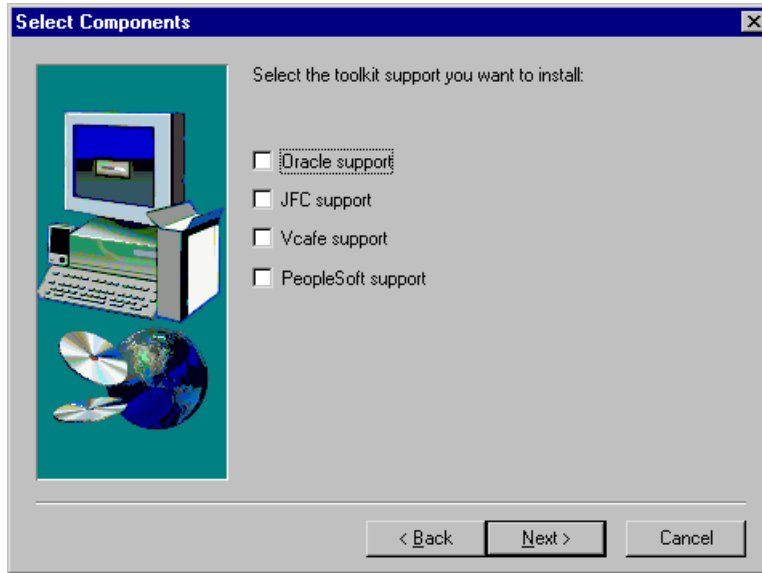


Click **Next** to proceed.





7 Select the toolkit support you want to install.

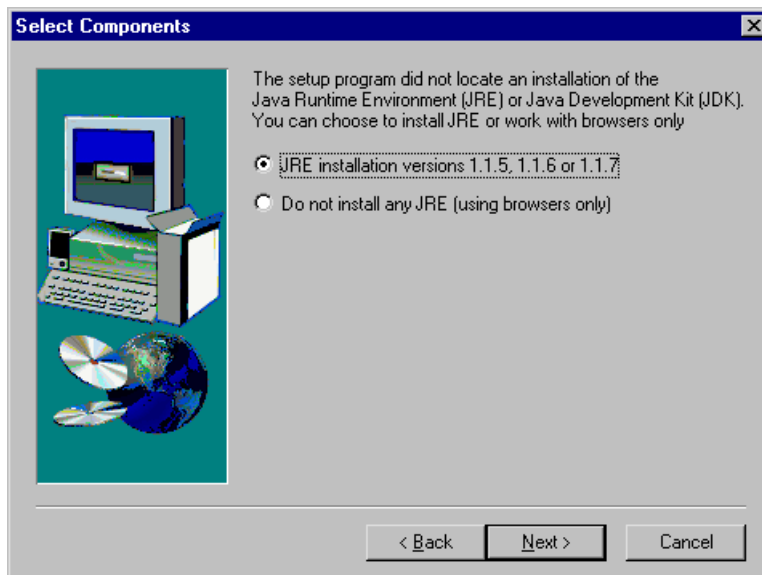


Click **Next** to proceed. The setup program checks whether you have the Java Development Kit (JDK) or Java Runtime Environment (JRE) installed on your computer.

- 8 If you have JDK or JRE installed on your computer, the setup program asks you to confirm the version you are using.
- If the version displayed in the message is correct, click **Yes**. Skip to step 11.
  - If the version is incorrect, click **No**. The setup program asks you to select the version you are currently using. Select a version and click **Next**. Skip to step 11.



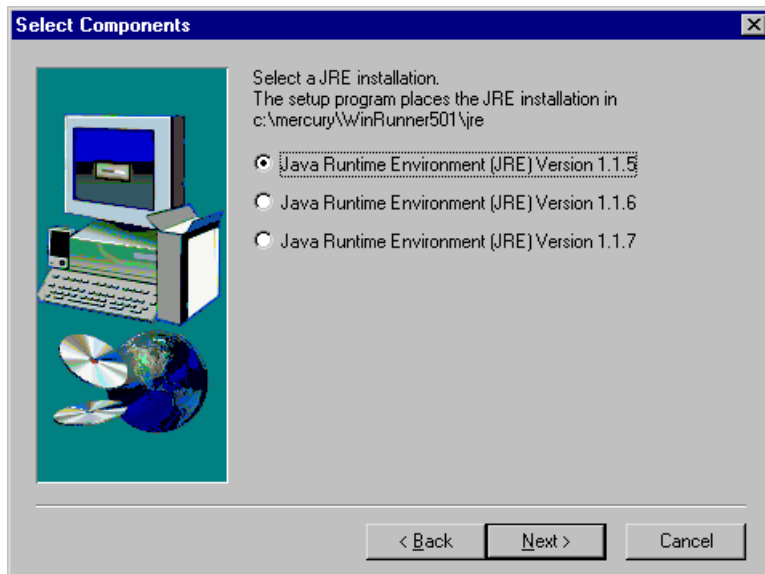
- 9 If you do not have JDK or JRE installed on your computer, the Java Add-in setup program gives you the option of installing the Java Runtime Environment (JRE) setup program. The JRE is the minimum standard Java Platform for running Java. It contains the Java Virtual Machine, Java Core Classes, and supporting files.



- If you would like to install the JRE installation, select **JRE installation versions 1.1.5, 1.1.6, or 1.1.7**. Note that after the Java Add-in setup program is completed, you must run the JRE installation. Click **Next** to proceed.
- If you prefer to only work with browsers, select **Do not install any JRE (using browsers only)**. Click **Next** to proceed. Skip to step 11.



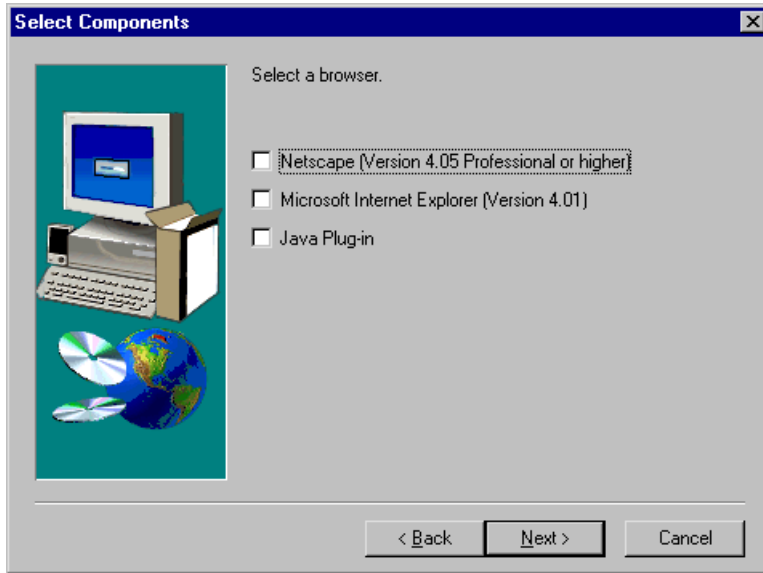
- 10 If you chose to install JRE on your computer, select a JRE version.



Click **Next** to proceed.



## 11 Select a browser.



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**Note:** If you intend to test a Java application or applet created using the JView development toolkit, you must select Microsoft Internet Explorer.

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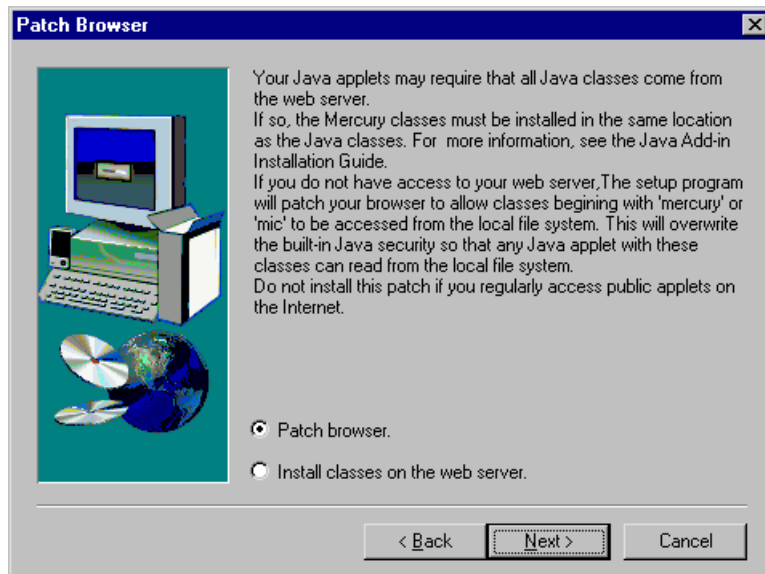
Click **Next** to proceed.

- 12** If your Java applets require that all Java classes come from the web server, the Mercury classes must be installed in the same location as the Java classes. Select **Install classes on the web server**. Note that if you choose this option, after the setup program is completed you must configure your web server. For more information, see [Configuring the Web Server](#) on page 18.



## Installing the Java Add-in

If you do not have access to your web server, you can patch your browser so that classes beginning with “mercury” or “mic” can be accessed from the local file system. This overwrites the built-in Java security so that any Java applet with these classes can read from the local file system. To patch your browser, select **Patch Browser**.



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**Note:** Do not install the patch if you regularly access public applets on the internet.

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Click **Next** to proceed.

- 13 The installation process begins. To pause or quit the installation process, click **Cancel**.
- 14 Select a **Program Folder**. The default is WinRunner. Click **Next** to proceed.
- 15 To complete the installation process and to view the Java Add-in Readme file, click **Finish**.



It is recommended that you reboot your computer.



- 16** If you chose to install a JRE version, install the JRE. The JRE setup program is located in your *WinRunner installation folder*\JRE.

To read what's new in the Java Add-in and any last minute information, select **Programs > WinRunner > Java Add-in Read Me** on the **Start** menu. The Readme file opens in Microsoft WordPad.

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**Note:** If you are working with a toolkit that is installed locally (either it is included in the classpath or located in the standard browser), you must add *WinRunner Installation folder*\classes\srv to the classpath. To add this path to the classpath:

- If you are working in Windows NT 4.0, from the Start menu select **Settings > Control Panel > System**. In the System properties dialog box, click the **Environment** tab. Add *WinRunner Installation folder*\classes\srv to the classpath in both the **System Variables** list and the **User Variables** list.
- If you are working in Windows 95 or Windows 98, open the file c:\autoexec.bat in Notepad. Add *WinRunner Installation folder*\classes\srv to the classpath.

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## Configuring the Web Server

If during the setup program you chose to install Mercury classes on the web server, you must configure the Web server so that the Mercury classes are installed in the same location as the Java classes. The type of configuration you perform depends on the toolkit you selected in the setup program.

This section describes the 4 configuration types:

- Oracle support
- JFC (Swing) support
- Symantec Visual Café support
- PeopleSoft support

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## Oracle Support

If you selected support for Oracle, you must configure your web server to work with this toolkit.

### To configure your web server to work with Oracle support:

- 1 On the web server machine, find the location of the Oracle Java classes. The standard location is under ORACLE\_HOME\FORMS45\Java. On an NT machine, ORACLE\_HOME is usually c:\orant.

Note that the web server is usually configured to pick up these classes from this location. Please consult the web server administrator to verify that this is the case.

- 2 On the web server machine, create the folders mercury\lewt and mercury\labstr under ORACLE\_HOME\FORMS45\Java so that the paths appear as follows:

- ORACLE\_HOME\FORMS45\Java\mercury\lewt
- ORACLE\_HOME\FORMS45\Java\mercury\labstr

Copy all files from *WinRunner installation folder\classes\sr\lewt* to ORACLE\_HOME\FORMS45\Java\mercury\lewt and copy all files from *WinRunner installation folder\classes\sr\mercury\labstr* to ORACLE\_HOME\FORMS45\Java\mercury\labstr.

- 3 On the client machine, check the file *WinRunner installation folder\classes\mercury.properties* and make sure that the mic\_toolkit property has the word "Oracle" in it.
- 4 Your web server is now configured to work with the Oracle Java support.

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## JFC (Swing) Support

If you selected support for JFC (Swing), you must configure your web server to work with this toolkit.

### To configure your web server to work with the JFC (Swing) Toolkit:

- 1 On the web server, find the location of the JFC Java classes. The location of these classes depends on the web server you are using. Please consult the web server administrator to find the location.
- 2 On the web server, create the folder “mercury” under the folder where the JFC classes are located.
- 3 Copy the folder *WinRunner installation folder\classes\sr\mercury\jfc* from the client machine to the mercury folder on the web server.
- 4 On the client machine, check the file *WinRunner installation folder\classes\mercury.properties* and make sure that the `mic_toolkit` property has the word “JFC” in it.
- 5 Your web server is now configured to work with the JFC (Swing) toolkit. You can start the JFC client in a browser in Context Sensitive mode.

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## Symantec Visual Café

If you selected support for Symantec Visual Café, you must configure your web server to work with this toolkit.

### To configure your web server to work with the Symantec Visual Café Toolkit:

- 1 On the web server, find the location of the Symantec Visual Café classes. The location of these classes depends on the web server you are using. Please consult the web server administrator to find the location.
- 2 On the web server, create the folder “mercury” under the folder where the Symantec Visual Café classes are located.
- 3 Copy the folder *WinRunner installation folder\classes\sr\mercury\vcafe* from the client machine to the mercury folder on the web server.
- 4 On the client machine, check the file *WinRunner installation folder\classes\mercury.properties* and make sure that the `mic_toolkit` property has the word “vcafe” in it.
- 5 Your web server is now configured to work with the Symantec Visual Café toolkit. You can start the Symantec Visual Café client in a browser in Context Sensitive mode.

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## PeopleSoft Support

If you selected support for PeopleSoft, you must configure your web server to work with this toolkit.

### To configure your web server to work with PeopleSoft support:

- 1 On the web server, find the location of the PeopleSoft classes. The location of these classes depends on the web server you are using. Please consult the web server administrator to find the location.
- 2 On the web server, create the folder “mercury” under the folder where the PeopleSoft classes are located.
- 3 Copy the folder *WinRunner installation folder\classes\sr\mercury\pfst* from the client machine to the mercury folder on the web server.
- 4 On the client machine, check the file *WinRunner installation folder\classes\mercury.properties* and make sure that the *mic\_toolkit* property has the word “PeopleSoft” in it.
- 5 Your web server is now configured to work with the PeopleSoft support. You can start the PeopleSoft client in a browser in Context Sensitive mode.

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# Troubleshooting Recording Problems

Once you complete the installation process, you can record from Netscape, Internet Explorer, or a standalone Java application. If you experience problems when recording from Netscape or Internet Explorer, check that WinRunner works with the LoadApp appletviewer.

- If you have JDK installed enter the following:

```
java LoadApp <URL address>
```

- If you have JRE installed, enter the following:

```
jre -cp %classpath% LoadApp <URL address>
```

Then check the classpath and verify that it contains the *WinRunner installation folder*\classes directory.

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# Disabling or Uninstalling the Java Add-in

If you decide to work with WinRunner without the Java Add-in, you have the option of temporarily disabling the add-in, or uninstalling it.

## To temporarily disable the Java Add-in:

- 1 In Notepad, open the mercury.properties file located in *WinRunner installation folder\classes*.
- 2 Place a pound sign (#) before the line starting with mic\_toolkit=. For example:  
# mic\_toolkit=AWT
- 3 Save and close the file.

## To uninstall the Java Add-in:

- 1 From the Start menu, select **Settings > Control Panel > Add Remove Programs**. The Add Remove Program Properties dialog box opens.
- 2 Select **Java Add-in** from the list of programs to remove and click **Add/Remove**.
- 3 A message asks you to confirm that you want to remove the Java Add-in and all of its components. Click **Yes**.
- 4 When the uninstall process is complete, click **OK**.
- 5 If you installed support for the Java Plug-in, go to *WinRunner installation folder\plug\lib\bak*. Move the rt.jar file to the lib folder and delete the bak folder.

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- 6 Remove the path *WinRunner installation folder*\class from the classpath.
  - If you are working in Windows NT 4.0, from the Start menu select **Settings > Control Panel > System**. In the System properties dialog box, click the **Environment** tab. In both the **System Variables** list and the **User Variables** list, delete *WinRunner installation folder*\class from the classpath. For example, c:\program files\WinRunner\class. Click Close.
  - If you are working in Windows 95 or Windows 98, open the file c:\autoexec.bat in Notepad. delete *WinRunner installation folder*\class from the classpath. For example, c:\program files\WinRunner\class. Save and close the file.

The Java Add-in is now completely uninstalled.

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## WinRunner Java Add-in Installation Guide

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