

# **Silk Test 15.5 Silk4J Web Edition**

## **Installation Guide**

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# Introduction

This Help provides all the information you need to install and uninstall Silk Test. It describes hardware and software requirements and details the various setup options.

## System Requirements and Prerequisites

The following section identifies the system requirements for installing and running Silk Test.

### Hardware Requirements

We recommend the following hardware requirements:

System Area	Requirement
Processor	Intel or AMD DualCore processor running at 2 GHz
RAM	2 GB
Hard disk space	2 GB of free disk space

### Tested Software

This section lists the software with which Silk Test 15.5 has been tested.


#### Operating Systems


Silk Test 15.5 has been tested with the following operating systems:

- Microsoft Windows XP SP3
- Microsoft Windows Vista SP2
- Microsoft Windows 7
- Microsoft Windows 7 SP1
- Microsoft Windows 8
- Microsoft Windows 8.1

#### Web Applications

For the Open Agent, Silk Test 15.5 has been tested with the following browsers and Web technologies:

Technology Type	Tested Version
Mozilla Firefox (playback only)	22, 23, 24, 25, 26, 27, 28, 29
Google Chrome (playback only)	28, 29, 30, 31, 32, 33, 34
Internet Explorer	8, 9, 10, 11
Apache Flex	 <b>Note:</b> You can only test Apache Flex applications with Silk4J if you have a Web plus Flex license for Silk4J. For additional information on the licensing modes, see <i>Licensing Information</i> .  Silk Test 15.5 has been tested with Apache Flex version 3.5 or later using all supported browsers and Adobe AIR 2.0 or later (built with Apache Flex 4.x)

Technology Type	Tested Version
	 <b>Note:</b> Silk Test does not support testing child domain technologies, including Apache Flex, for Web applications running in Google Chrome. Silk Test supports Adobe Flash Player 10 or later.
Java Applets	Silk Test supports Applets for Internet Explorer and Mozilla Firefox.
HTML5	

## Silk4J

You can integrate Silk4J in Eclipse 3.7.2 or later, both 32 and 64 bit. Version 4.3.1 is shipped with Silk Test.

## Administrator Privileges

You must have local administrator privileges to install Silk Test.

## Items Included with Silk4J Web Edition

When you install Silk4J, the following items are available:

- Silk4J
- Product Notification Service - This application resides in the system tray and will check for updates at a configurable interval.
- Online Help topics

Access the help from within each product from the **Help** menu.

- Release Notes

For information about new features, supported platforms and versions, known issues, and work-arounds, refer to the [Release Notes](#).

- Online tutorials from <http://supportline.microfocus.com/productdoc.aspx>

You must have Adobe Acrobat Reader™ to view PDF documents.

- Sample applications that you can access online

- Adobe Flex sample applications

Access Flex sample applications at <http://demo.borland.com/flex/SilkTest15.5/index.html>.





- Insurance Company Web application


You can access the Web application at: <http://demo.borland.com/InsuranceWebExtJS/>.

# Licensing Information

Unless you are using a trial version, Silk Test requires a license.

The licensing model is based on the client that you are using and the applications that you want to be able to test. The available licensing modes support the following application types:

Licensing Mode	Application Type
Web	<p>Web applications, including Java-Applets.</p> <p> <b>Note:</b> If you are using a trial license, visit <a href="http://www.borland.com/store/silktestwebedition/silk4J-webedition">http://www.borland.com/store/silktestwebedition/silk4J-webedition</a> to buy a Web license.</p>
Web plus Flex	<p>Web applications, including the following:</p> <ul style="list-style-type: none"> <li>• Apache Flex</li> <li>• Java-Applets</li> </ul> <p> <b>Note:</b> To upgrade your license to a Web plus Flex license, visit <a href="http://www.borland.com">www.borland.com</a>.</p>
Full	<ul style="list-style-type: none"> <li>• Web applications, including the following: <ul style="list-style-type: none"> <li>• Apache Flex</li> <li>• Java-Applets</li> </ul> </li> <li>• Mobile Web applications. <ul style="list-style-type: none"> <li>• Android</li> <li>• iOS</li> </ul> </li> <li>• Apache Flex</li> <li>• Java AWT/Swing</li> <li>• Java SWT and Eclipse RCP</li> <li>• .NET, including Windows Forms and Windows Presentation Foundation (WPF)</li> <li>• Rumba</li> <li>• Windows API-Based</li> </ul> <p> <b>Note:</b> To upgrade your license to a Full license, visit <a href="http://www.borland.com">www.borland.com</a>.</p>
Premium	<p>All application types that are supported with a <i>Full</i> license, plus SAP applications.</p> <p> <b>Note:</b> To upgrade your license to a Premium license, visit <a href="http://www.borland.com">www.borland.com</a>.</p>

 **Note:** To use a Full or a Premium license, you require a different setup package. The information in this document applies only to the Web Edition of Silk4J. For a detailed overview of the capabilities of the Full and Premium offering, see [Release Notes](#).

# Installing Silk Test

This section explains the setup options that are available when installing Silk Test.

## Installation Prerequisites

Before installing Silk Test, verify the following information:

- Your user account possesses local administrator privileges.

## Resetting the *TEMP* Environment Variable

If your Windows *TEMP* environment variable does not point to a valid directory, an error message is displayed. To successfully install Silk Test, your *TEMP* environment variable must point to a valid directory.

1. Choose **Start > Settings > Control Panel**.
2. Double-click **System**.
3. Click the **Advanced** tab, and then click **Environment Variables**.
4. Under **User Variables** or **System Variables**, double-click the *TEMP* variable.
5. Enter a valid directory, and then click **OK**.
6. Restart the Silk Test installation by double-clicking the EXE file.

## Installing Silk4J

The Silk4J Eclipse plug-in enables you to create Java based test scripts directly in your Eclipse environment. Silk4J is automatically installed when you choose a standard or complete installation. If you choose a basic or custom installation, you can install Silk4J at a later time. When you install Silk4J, Silk Test Recorder and the Open Agent are also installed. Silk Test Recorder enables you to record tests rather than manually coding them. The Open Agent is required to run Silk4J and Silk Test Recorder.

1. Locate and double-click the Silk Test executable file.

If you have a Silk Test CD, insert your CD. If the setup program does not start automatically, manually start the Silk Test setup program by choosing **Start > Run** and entering `<cddrive>:\setup.exe`.



**Note:** If your Windows *TEMP* environment variable does not point to a valid directory, an error message is displayed. To successfully install Silk Test, your *TEMP* environment variable must point to a valid directory.

The **InstallAnywhere** wizard opens.

2. If a previous version of Silk Test is installed, click **Uninstall** and then click **Next** to remove all installed features.  
You must uninstall any earlier versions before you install a new version.
3. Click **Next**. The **License Agreement** opens.
4. Read the license agreement carefully. If you accept the terms of the agreement, click **I accept the terms of the License Agreement**.
5. Click **Next**. The **Choose Install Folder** page opens.
6. To change the default installation directory, perform the following steps:

- a) Click **Choose**. The **Browse For Folder** dialog box opens.
- b) Specify the folder in which you want to install Silk Test, and then click **OK** to return to the **Choose Install Folder** page.

The location displays in the **Where Would You Like to Install?** text box.

7. Click **Next**. The **Welcome to Silk4J** page opens.

8. Specify whether you want to install a new Eclipse environment when you install Silk4J.

a) Click one of the following option buttons:

- **Download Eclipse (92MB) and install Silk4J** – To install Silk4J and an Eclipse 3.7.2 environment, click this option.
- **Install Silk4J and use an existing Eclipse environment** – To use an existing Eclipse environment with Silk4J, click this option. Click **Browse** and navigate to the Eclipse environment that you want to use.
- **Install Silk4J manually** – To install Silk4J into an Eclipse environment manually, click this option. A folder named `dropins` is created in the Silk Test installation directory. Copy this folder into a valid Eclipse directory to use Silk4J.

b) Click **Next**.

When installation completes, access the Eclipse environment by choosing **Start > Programs > Silk > Silk Test > Clients > Silk4J**. For instructions for using the plug-in, refer to the online help within the plug-in.

9. Specify whether you want to create Windows firewall exceptions.



**Note:** This step is only available for Windows XP, Windows Vista, Windows 7, and Windows Server 2008.

a) Click one of the following option buttons:

- **Yes** – To have setup create firewall exceptions for all Silk Test executable files. As a result, you are not prompted to block or allow the executable files when you launch them.
- **No** – To be prompted when you launch the Silk Test executable file.

b) Click **Next**.

10. Review the provided information and perform one of the following steps:

- To change any settings, click **Previous** to return to the appropriate page.
- If you are satisfied with the settings, click **Install** to start the installation process.



**Tip:** If a message appears stating that there is not enough space while files are copying, redefine the TEMP area to a drive that contains more space. The installer uses the TEMP area for unzipping files. For example, if your TEMP area is `d:\temp` and you are installing to `e:\SilkTest`, the E drive may contain enough space for the installation, but the D drive is the limiting factor.

11. Click **Done**.

12. Restart Eclipse if it was running when you performed the Silk4J installation.

When installation completes, access the Eclipse environment by clicking **Start > Programs > Silk > Silk Test > Clients > Silk4J**. For instructions for using the plug-in, refer to the online help within the plug-in.

## Installing the Silk4J Eclipse Plug-in Manually

The Silk4J Eclipse plug-in enables you to create Java-based test scripts directly in your Eclipse environment. You can install the Silk4J Eclipse plug-in when you install Silk Test using the Silk Test installation wizard.

Use this procedure:



- If you upgrade your version of Eclipse after you install the Silk4J plug-in.
- If you chose the **Install Silk4J manually** option during installation.
- If you did not install the Silk4J Eclipse plug-in when you installed Silk Test, and you want to install it manually.

1. Perform one of the following steps:

- If you chose the **Install Silk4J Manually** option during installation, locate the `dropins` folder in the Silk Test installation directory.

By default the location is `C:\Program Files\Silk\Silk Test\dropins`.

- Create a `dropins` folder in the Silk Test installation directory and then create a `Silk4J.link` file that contains the following text:

```
path=<Silk Test Install Directory>/ng/Silk4J
```

For example, you might add:

```
path=C:/Program Files/Silk/Silk Test/ng/Silk4J
```



**Note:** The path requires forward slashes.

2. Copy the `Silk4J.link` file and paste it into the Eclipse `dropins` folder.

For example, if your Eclipse environment is installed at `C:\Eclipse`, copy the `Silk4J.link` file to `C:\Eclipse\dropins`.

3. Restart Eclipse if it was running when you performed the Silk4J installation.

When installation completes, access the Eclipse environment by clicking **Start > Programs > Silk > Silk Test > Clients > Silk4J**. For instructions for using the plug-in, refer to the online help within the plug-in.



**Tip:** If you encounter problems starting Silk4J, start Eclipse with the parameter `-clean` one time.

## Uninstalling Silk Test

When you install a new version of Silk Test, the wizard prompts you to uninstall any existing versions of Silk Test. You can also uninstall Silk Test from the programs menu at any time.

1. Click **Start > Programs > Silk > Silk Test > Administration > Silk Test Uninstall**. The **InstallAnywhere** wizard opens the **Uninstall Silk Test <version>** page.

2. To remove all files from the installation directory, check the **Remove all files** check box.

If you check this check box, the following items or folders are removed:

- The Access database and samples
- The contents of `[AppDATA]/Silk/Silk Test`

For example, on Windows 7 this directory is located at: `C:\Users\[username]\AppData\Roaming\Silk\Silk Test`

- The contents of `[commonAppData]/Silk/Silk Test`

For example, on Windows 7 this directory is located at: `C:\ProgramData\Silk Test`

- The contents of `[commonAppData]/Silk/Silk Test Workbench`

For example, on Windows 7 this directory is located at: `C:\ProgramData\Silk Test Workbench`

3. Click **Uninstall**. If any files were not removed, a list of the files is provided.

4. Click **Done**.

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