

Compatibility on Linux Platforms

Propagation Tool only works with Java Runtime Environment (JRE) for Linux. It is not compatible with OpenJDK java releases.

Installation of the 64-bit JRE on Linux Platforms

This procedure installs the Java Runtime Environment (JRE) for 64-bit Linux, using an archive binary file (.tar.gz).

These instructions use the following file:

```
jre-7u<version>-linux-x64.tar.gz
```

- 1. Download the file.** Before the file can be downloaded, you must accept the license agreement. The archive binary can be installed by anyone (not only root users), in any location that you can write to. However, only the root user can install the JRE into the system location.
- 2. Change directory** to the location where you would like the JRE to be installed. Move the .tar.gz archive binary to the current directory.
- 3. Unpack the tarball and install the JRE.**

```
% tar zxvf jre-7u<version>-linux-x64.tar.gz
```

The JRE files are installed in a directory called `jre1.7.0_<version>` in the current directory.

- 4. Delete the .tar.gz file** if you want to save disk space.

Installation du plugin

When you install the Java platform, the Java plugin file is included as part of that install. If you want to use Java within Firefox, you need to manually create a symbolic link from the plugin file in the release to one of the locations that Firefox expects. To make the plugin available to all users, create the link inside of the Firefox application's directory, in the `plugins` subdirectory. Alternatively, you can create the symbolic link in your home directory, in `~/.mozilla/plugins`. In the remainder of this document, the text, "*Firefox plugins directory*", implies either of these locations.

Note: For Firefox version 21 and higher, you must create the symbolic link in your home directory, `~/.mozilla/plugins`. Beginning with Firefox version 21, creating the symbolic link in the `plugins` subdirectory of the Firefox application's directory is not supported. This release provides the Next-Generation Java plugin. If you have been using the classic plugin, see the [Notes](#) for further information.

The location of the plugin file for Linux varies according to the chip architecture of the underlying platform.

Chip Architecture	Location of File
32-bit	<code>jre1.7.0_<version>/lib/i386/libnpjp2.so</code>
64-bit	<code>jre1.7.0_<version>/lib/amd64/libnpjp2.so</code>

If you are using a 32-bit Firefox, you should use the 32-bit Java Plugin (from the `lib/i386` directory). To determine which version of Firefox you are running, launch the application, and select the menu item **Help -> About Mozilla Firefox**. At the bottom of the window is a version string line that contains either "Linux i686" (32-bit) or "Linux x86_64" (64-bit).

To install the Java Plugin follow these steps:

1. Exit Firefox.

2. Uninstall any previous installations of Java Plugin.

Only one Java Plugin can be used at a time. When you want to use a different plugin, or version of a plugin, remove the symbolic links to any other versions and create a fresh symbolic link to the new one.

Remove the symbolic links (or move them to another directory) to `javaplugin-oji.so` and `libnjp2.so` from the Firefox `plugins` directory.

3. Create a symbolic link to the Java Plugin in the Firefox plugins directory.

Create a symbolic link to the Java Plugin `libnjp2.so` file in the Firefox `plugins` directory.

For a 32-bit Plugin:

```
cd <Firefox>/plugins      ln -s  
<JRE>/lib/i386/libnjp2.so .
```

For a 64-bit Plugin:

```
cd <Firefox>/plugins      ln -s  
<JRE>/lib/amd64/libnjp2.so .
```

4. Start the Firefox browser.

Type **about:plugins** in the Location bar to confirm that the Java Plugin is loaded. You can also click the Tools menu to confirm that **Java Console** is there.