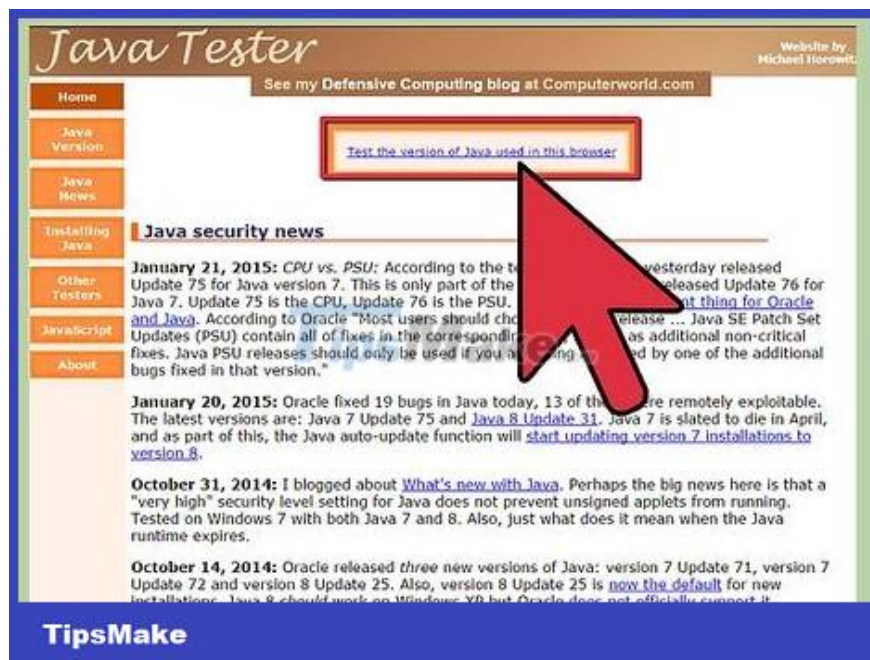


How to Install Oracle Java on Ubuntu Linux

This article will guide you to install Oracle Java 7 32-bit and 64-bit (current version is 1.7.0_45) JDK/JRE on 32-bit and 64-bit Ubuntu operating systems. You can apply this guide to Debian and Linux Mint.

Optional: How to Enable Oracle Java on Web Browser

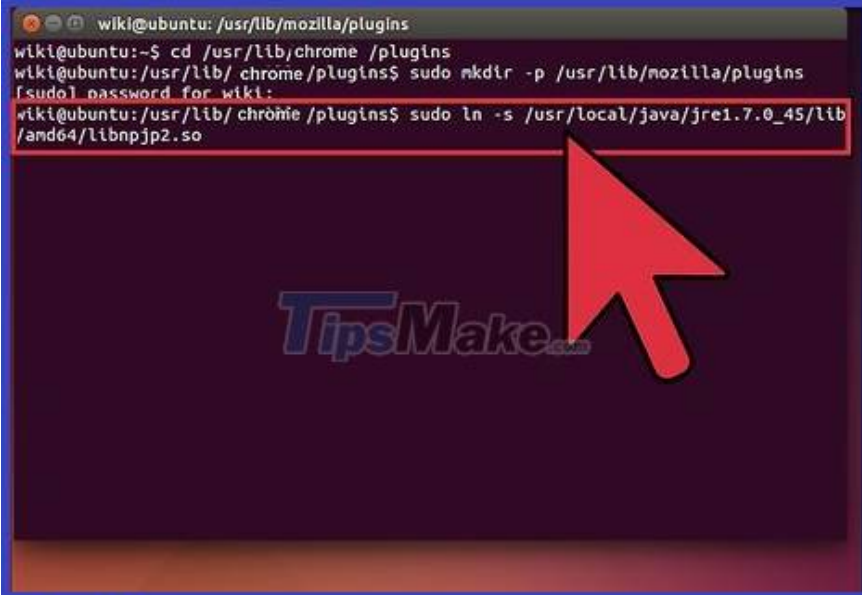


To enable the Java plug-in on a web browser, you must create a symbolic link from the browser's plug-in directory to the location of the Java plug-in in the Oracle Java partition.

Important Note: You should be careful when activating Oracle Java 7 in your web browser because of the fact that Java has a multitude of security holes and exploits. More importantly, when activating Oracle Java 7 on a web browser, if there is a security hole or exploit, this is a weak point for bad guys to infiltrate and harm your system. For more information about Java vulnerabilities and exploits, visit the website: Java Tester

Google Chrome

Oracle Java 32-bit Tutorial:



```
wiki@ubuntu: /usr/lib/mozilla/plugins
wiki@ubuntu:~$ cd /usr/lib/chrome /plugins
wiki@ubuntu:/usr/lib/ chrome /plugins$ sudo mkdir -p /usr/lib/mozilla/plugins
[sudo] password for wiki:
wiki@ubuntu:/usr/lib/ chrome /plugins$ sudo ln -s /usr/local/java/jre1.7.0_45/lib
/amd64/libnpp2.so
```

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Execute the following command.

Type/Copy/Paste: `sudo mkdir -p /opt/google/chrome/plugins`

Here is the command to create the directory `/opt/google/chrome/plugins`

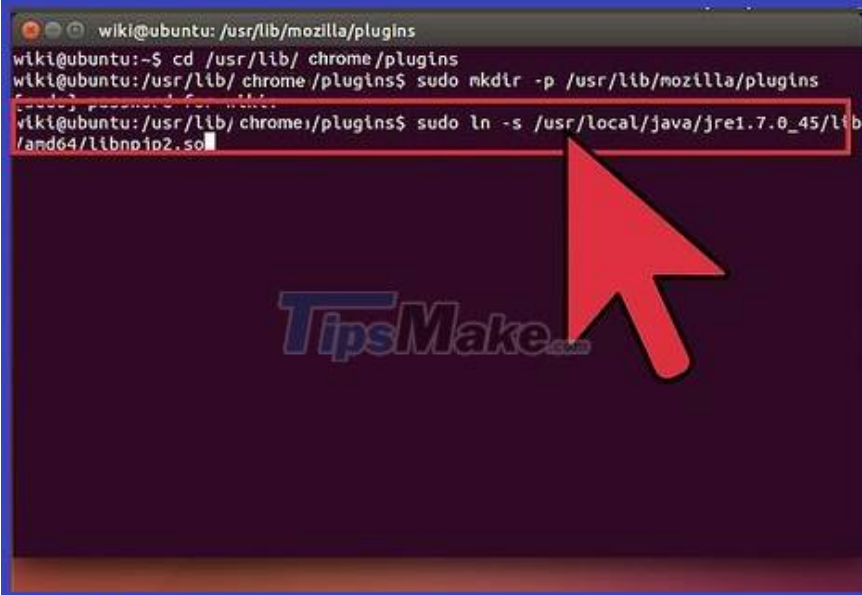
Type/Copy/Paste: `cd /opt/google/chrome/plugins`

This is the command that takes you to the google chrome plugin folder, remember to go to this folder before creating the icon link

Type/Copy/Paste: `sudo ln -s /usr/local/java/jre1.7.0_45/lib/i386/libnpp2.so`

This is the command to create a symbolic link from the Java JRE(Java Runtime Environment) plugin `libnpp2.so` to the Google Chrome browser.

Oracle Java 64-bit Tutorial:



```
wiki@ubuntu: /usr/lib/mozilla/plugins
wiki@ubuntu:~$ cd /usr/lib/chrome/plugins
wiki@ubuntu: /usr/lib/chrome/plugins$ sudo mkdir -p /usr/lib/mozilla/plugins
wiki@ubuntu: /usr/lib/chrome/plugins$ sudo ln -s /usr/local/java/jre1.7.0_45/lib/amd64/libnpjp2.so
```

The image shows a terminal window with a dark background and a blue border. The terminal text is white. A red mouse cursor points to the last line of the terminal output. A 'TipsMake.com' watermark is visible in the center of the terminal area. At the bottom of the terminal window, there is a blue bar with the text 'TipsMake' in white.

Execute the following command.

Type/Copy/Paste: `sudo mkdir -p /opt/google/chrome/plugins`

Here is the command to create the directory `/opt/google/chrome/plugins`

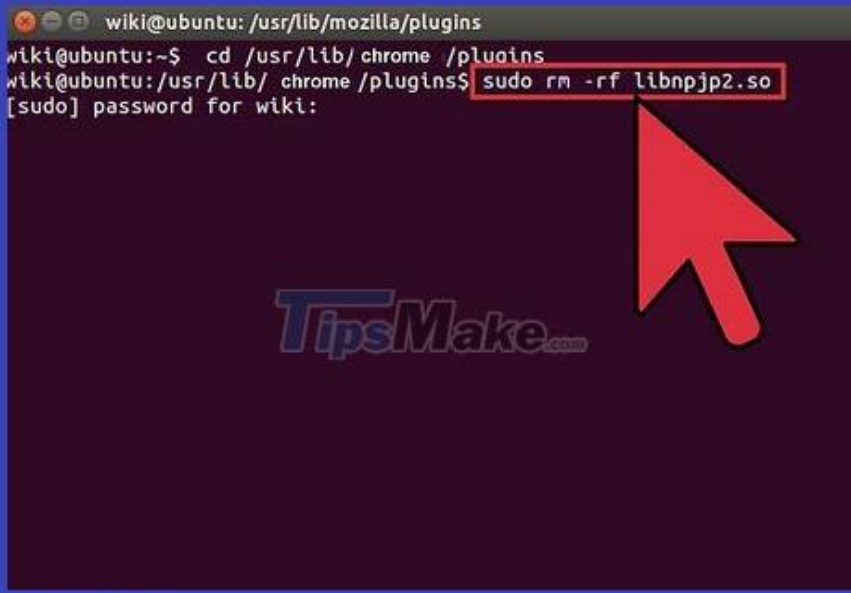
Type/Copy/Paste: `cd /opt/google/chrome/plugins`

This is the command that takes you into the google chrome plugin directory, make sure you go into the directory before creating the icon link.

Type/Copy/Paste: `sudo ln -s /usr/local/java/jre1.7.0_45/lib/amd64/libnpjp2.so`

This is the command to create a symbolic link from the Java JRE (Java Runtime Environment) plugin `libnpjp2.so` to the Google Chrome browser.

Remind:



```
wiki@ubuntu: /usr/lib/mozilla/plugins
wiki@ubuntu:~$ cd /usr/lib/chrome /plugins
wiki@ubuntu:/usr/lib/ chrome /plugins$ sudo rm -rf libnjp2.so
[sudo] password for wiki:
```

TipsMake.com

TipsMake

Note: When executing the above commands, sometimes you get the following message:


In: creating symbolic link `./libnjp2.so': File exists

To fix this problem, simply remove the previous link with the following command:

Type/Copy/Paste: `cd /opt/google/chrome/plugins`

Type/Copy/Paste: `sudo rm -rf libnjp2.so`

Make sure you are in the `/opt/google/chrome/plugins` directory before executing the command.



Java Tester

Website by Michael Horowitz

See my Defensive Computing blog at Computerworld.com

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[Test the version of Java used in this browser](#)

Java security news

January 21, 2015: CPU vs. PSU: According to the... yesterday released Update 75 for Java version 7. This is only part of the... released Update 76 for Java 7. Update 75 is the CPU, Update 76 is the PSU. ... [What's new with Java](#) and Java. According to Oracle "Most users should check... release ... Java SE Patch Set Updates (PSU) contain all of fixes in the corresponding... as additional non-critical fixes. Java PSU releases should only be used if you are... by one of the additional bugs fixed in that version."

January 20, 2015: Oracle fixed 19 bugs in Java today, 13 of these were remotely exploitable. The latest versions are: Java 7 Update 75 and [Java 8 Update 31](#). Java 7 is slated to die in April, and as part of this, the Java auto-update function will [start updating version 7 installations to version 8](#).

October 31, 2014: I blogged about [What's new with Java](#). Perhaps the big news here is that a "very high" security level setting for Java does not prevent unsigned applets from running. Tested on Windows 7 with both Java 7 and 8. Also, just what does it mean when the Java runtime expires.

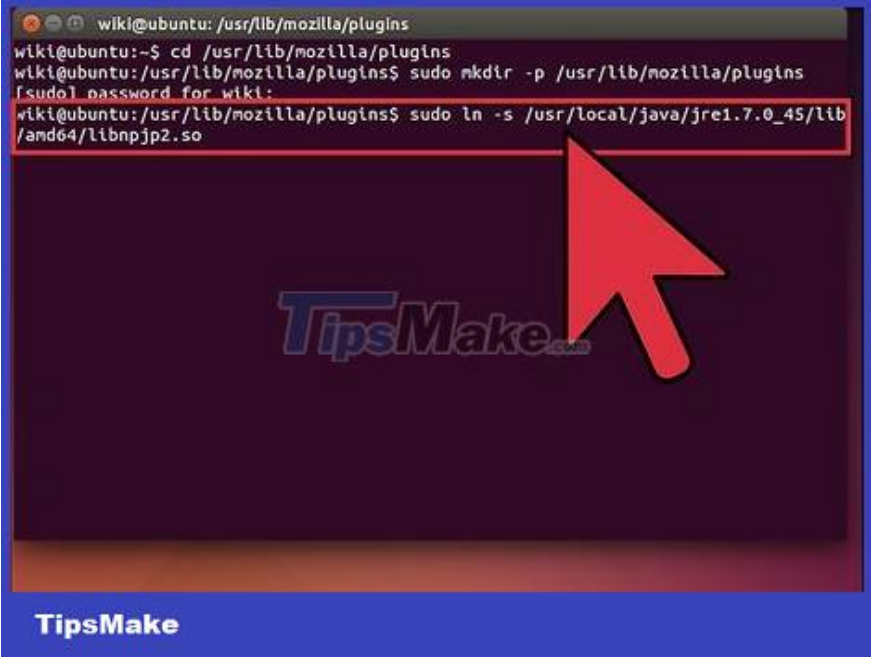
October 14, 2014: Oracle released *three* new versions of Java: version 7 Update 71, version 7 Update 72 and version 8 Update 25. Also, version 8 Update 25 is [now the default](#) for new installations. Java 8 should work on Windows XP but Oracle does not officially support it.

TipsMake

Restart the web browser and go to Java Tester to check if Java is working or not.

Mozilla Firefox

Oracle Java 32-bit Tutorial:



```
wiki@ubuntu: /usr/lib/mozilla/plugins
wiki@ubuntu:~$ cd /usr/lib/mozilla/plugins
wiki@ubuntu:/usr/lib/mozilla/plugins$ sudo mkdir -p /usr/lib/mozilla/plugins
fsudol password for wiki:
wiki@ubuntu:/usr/lib/mozilla/plugins$ sudo ln -s /usr/local/java/jre1.7.0_45/lib
/amd64/libnpp2.so
```

The image shows a terminal window with a dark background and a red mouse cursor pointing to the last command. A red box highlights the command: `sudo ln -s /usr/local/java/jre1.7.0_45/lib/amd64/libnpp2.so`. The terminal title bar reads "wiki@ubuntu: /usr/lib/mozilla/plugins". A "TipsMake" watermark is visible in the center of the terminal window.

Execute the following command.

Type/Copy/Paste: `cd /usr/lib/mozilla/plugins`

This is the command that takes you to the plugin directory `/usr/lib/mozilla/plugins`, create this directory if not already there.

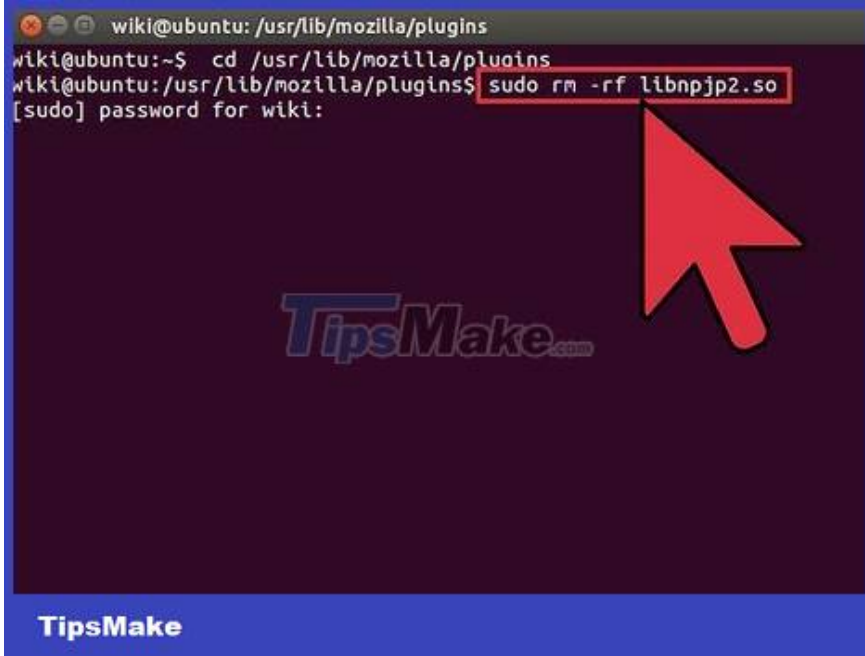
Type/Copy/Paste: `sudo mkdir -p /usr/lib/mozilla/plugins`

Here is the command to create the `/usr/lib/mozilla/plugins` directory, make sure you are in the directory before creating the symbolic link.

Type/Copy/Paste: `sudo ln -s /usr/local/java/jre1.7.0_45/lib/i386/libnpp2.so`

This is the command to create a symbolic link from the Java JRE(Java Runtime Environment) plugin `libnpp2.so` to the Mozilla Firefox web browser.

Oracle Java 64-bit Tutorial:



```
wiki@ubuntu: /usr/lib/mozilla/plugins
wiki@ubuntu:~$ cd /usr/lib/mozilla/plugins
wiki@ubuntu:/usr/lib/mozilla/plugins$ sudo rm -rf libnjp2.so
[sudo] password for wiki:
```

Execute the following command:

Type/Copy/Paste: `cd /usr/lib/mozilla/plugins`

This is the command that takes you to the `/usr/lib/mozilla/plugins` directory, create this directory if not already there.

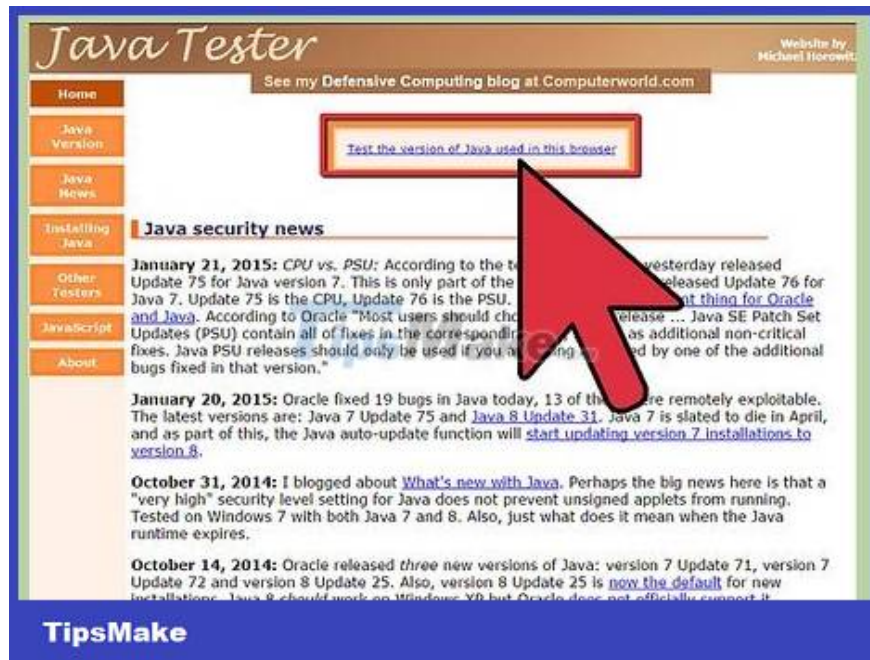
Type/Copy/Paste: `sudo mkdir -p /usr/lib/mozilla/plugins`

Here is the command to create the `/usr/lib/mozilla/plugins` directory, make sure you are in the directory before creating the symbolic link.

Type/Copy/Paste: `sudo ln -s /usr/local/java/jre1.7.0_45/lib/amd64/libnjp2.so`

This is the command to create a symbolic link from the Java JRE(Java Runtime Environment) plugin `libnjp2.so` to the Mozilla Firefox web browser.

Remind:



Note: Sometimes you execute the above commands and get the message:

In: creating symbolic link `./libnjp2.so': File exists

To fix this problem, simply remove the previous link with the following command:

Type/Copy/Paste: `cd /usr/lib/mozilla/plugins`

Type/Copy/Paste: `sudo rm -rf libnjp2.so`

Make sure you are in the `/usr/lib/mozilla/plugins` directory before executing the command.

Restart the web browser and visit the Java Tester page to check if Java is already working in the browser.

You finished reading the article "**How to Install Oracle Java on Ubuntu Linux**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.