

INSTALLING SUN JAVA 1.4.2 ON SUSE LINUX

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This howto works with SuSE Linux 8.x and SuSE Linux Enterprise Server 8 as well as SuSE Linux Office Desktop.

WHY SUN JAVA ?

After thorough testing of Suns new Java 1.4.2, I have found that many of the issues regarding Suns previous java stacks have been resolved and even offers some new features and enhancements not found in IBMs Java stack or Blackdowns Java stack

INSTALLATION

First, you must download Sun Java. To do so you must go to Suns downloads site:

<http://java.sun.com/download.html>

cd to the directory where you downloaded the file j2re-1_4_2-linux-i586-rpm.bin and type the following command:

```
sh j2re-1_4_2-linux-i586-rpm.bin
```

when that is complete and you agree to all the licensing agreements you will then have an uncompressed RPM file. You will have to install the RPM with the following comand:

```
rpm -ivh j2re-1_4_2-linux-i586.rpm
```

Now, you will have to setup the Java Runtime-Environment for all users. This will require the root password as you will have to edit the /etc/profile configuration file .

*** SPECIAL NOTE*** To install RPM files you must have the root password. If you do not have the administrative password for your system contact your system administrator To change to the root user type the following:

[su](#) and then your password As the root user enter the folowing command to edit the file

```
pico /etc/profile
```

Put the following lines at the end of your profile file. remove the text at the end saying [done unset i](#) and type the following:

```
export JAVA_HOME= /usr/java/j2sdk1.4.2_01/  
export PATH =$PATH :$JAVA_HOME/bin  
done unset i
```

/Now exit out of the editor by pressing the control-x keys . It will ask you if you wish to save the file hit y and save the file as /etc/profile . Now logout and back in, open a terminal window and type the following:

`java -version`

If you see the following output congratulations

`java version "1.4.2"`

`Java(TM) 2 Runtime Environment, Standard Edition (build 1.4.2-b28)`

`Java HotSpot(TM) Client VM (build 1.4.2-b28, mixed mode)`

if you see a **command not found** dialog re-edit your /etc/profile config file and make sure you entered the text from page 1 to the tee .

INSTALLING THE JAVA PLUGIN FOR MOZILLA

To install the plugin goto the following directory /usr/java/j2re1.4.2/plugin/i386/ns610 and now type the following

`ln -s /usr/java/j2sdk1.4.2_01/jre/plugin/i386/ns610-gcc32/libjavaplugin_oji.so /<location of mozilla directory>/plugins/`

Replace the <location of mozilla directory> to the mozilla folder on your system . If you are using the version of Mozilla bundled with SuSE Linux 8.x the location is /opt/mozilla if you are using a binary downloaded from mozilla.org the location is usually /usr/local/mozilla/. If Mozilla was built using GCC 3.2 you must use the plugin for gcc 3.2 it is located in the ns610-gcc32 in the plugin folder. Quit Mozilla and restart

USING JAVA WEB START

With Sun Java 1.4.2 the Java webstart application no longer needs installation. You can either execute it by hitting ALT-F2 under KDE and typing:

`/usr/java/j2sdk1.4.2_01/jre/javaws/javaws`

Or you can make a shortcut on your desktop for easy access. And that is it. If you were successful congratulations , if something went wrong go back and redo the steps outlined. If you still experience problems, e-mail me at: webwarrior@ gnu-darwin.org And include your system details.

USING JAVA WITH THE KONQUEROR WEB BROWSER

To use java with Konqueror Web Browser, the steps are much different from the instructions for Mozilla.

First open Konqueror, then click on Settings ---> Configure Konqueror, then click on Java & JavaScript,

Next, where it says Path to Java Executable type the following.

[/usr/java/j2sdk1.4.2_01/bin/java](#)

Now hit Apply and Okay on the buttons and make sure that the top radio button that says Enable Java Globally is checked.

Revision History:

1st Draft June 17,2003

2nd Draft July 24, 2003

3rd Draft Oct 12, 2003