

INSTALLING IBM JAVA 1.4.1 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 IBM JAVA ?

IBM's Java stack is much better than Sun's Java. It produces better code on the compiler side and the Java plug-in works more reliably more of the time. To download the IBM Java stack goto <http://www.ibm.com/java/>

INSTALLATION

cd to the directory where you downloaded the file IBMJava2-SDK-1.4-1.0.i386.rpm and type the following command:

```
rpm -ivh IBMJava2-SDK-1.4-0.0.i386.rpm
```

when that is complete , 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 following 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=/opt/IBMJava2-14/jre  
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 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 . If you see the output telling you the version of java installed and what VM you are using congratulations you have had success

INSTALLING THE JAVA PLUGIN FOR MOZILLA

First a warning, the Java plugin only works with stable versions of Mozilla, I have been very unsuccessful at running the plugin with beta builds . To install the plugin goto the following directory /opt/IBMJava2-141/jre/bin and now type the following

```
ln -s /opt/IBMJava2-14/jre/bin/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/. Quit Mozilla and restart

INSTALLING JAVA WEB START

Java Web Start is not available with IBMs Java stack , but do not worry, I have provided it as a separate download. it is located here:

<http://www.geocities.com/latinlover166/javawebstart.zip>

Go to the directory where you downloaded the file and type the following:

```
unzip javawebstart.zip
```

now type the following

```
sh install.sh
```

Agree to the license agreement and then the installer will ask you for the location of Java, type the following:

```
/opt/IBMJava2-141/jre/
```

Now hit enter and now you will have a folder called javaws, enter the folder and click on the binary javaws and the Web Start application should start. And that is it. If you were successful congratulations , if something went wrong go back and re do 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.

`/opt/IBMJava2-1.41/jre/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:

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