
Subject: [SOLVED] subclipse in eclipse (ubuntu 12.04 64 bit)
Posted by [MartinJGaluska](#) on Thu, 04 Oct 2012 14:04:59 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello everybody,

this problem is not directly related to PandaRoot. It is about an installation problem for subclipse (svn plugin for eclipse). Maybe someone already had the same problem and solved it (and could help me as well), if not it would not be too tragic...

I am using ubuntu 12.04 64 bit and wanted to add svn support to eclipse according to <http://www-128.ibm.com/developerworks/opensource/library/os-ecl-subversion/> which was recommended on <http://panda-wiki.gsi.de/cgi-bin/view/Computing/PandaRootEclipse>. I have followed along all steps (and adapted them to my newer version eclipse 3.7.2) and have installed the correct version of subclipse 1.8 (with help of <http://subclipse.tigris.org/servlets/ProjectProcess?pageID=p4wYuA>).

Unfortunately, I have found a problem with JavaHL. I followed the instructions on <http://subclipse.tigris.org/wiki/JavaHL#head-3a1d2d3c54791d2d751794e5d6645f1d77d95b32>. However, when I do the final step of adding

```
-Djava.library.path=/usr/lib/x86_64-linux-gnu/jni
```

to

```
/etc/eclipse.ini
```

eclipse crashes immediately when it starts with the following message:

Toggle Spoiler

```
!SESSION 2012-10-04 15:33:26.614 -----  
eclipse.buildId=I20110613-1736  
java.version=1.6.0_24  
java.vendor=Sun Microsystems Inc.  
BootLoader constants: OS=linux, ARCH=x86_64, WS=gtk, NL=en_US  
Command-line arguments: -os linux -ws gtk -arch x86_64
```

```
!ENTRY org.eclipse.osgi 4 0 2012-10-04 15:33:27.492
```

```
!MESSAGE Application error
```

```
!STACK 1
```

```
java.lang.UnsatisfiedLinkError: Could not load SWT library. Reasons:
```

```
no swt-gtk-3740 in java.library.path
```

```
no swt-gtk in java.library.path
```

```
Can't load library: /home/mgaluska/.swt/lib/linux/x86_64/libswt-gtk-3740.so
```

```
Can't load library: /home/mgaluska/.swt/lib/linux/x86_64/libswt-gtk.so
```

```
at org.eclipse.swt.internal.Library.loadLibrary(Library.java:285)
```

```
at org.eclipse.swt.internal.Library.loadLibrary(Library.java:194)
```

```
at org.eclipse.swt.internal.C.<clinit>(C.java:21)
```

```
at org.eclipse.swt.internal.Converter.wcsToMbc(Converter.java:63)
at org.eclipse.swt.internal.Converter.wcsToMbc(Converter.java:54)
at org.eclipse.swt.widgets.Display.<clinit>(Display.java:132)
at org.eclipse.ui.internal.Workbench.createDisplay(Workbench.java:695)
at org.eclipse.ui.PlatformUI.createDisplay(PlatformUI.java:161)
at org.eclipse.ui.internal.ide.application.IDEApplication.createDisplay(IDE
Application.java:153)
at org.eclipse.ui.internal.ide.application.IDEApplication.start(IDEApplication.java:95)
at org.eclipse.equinox.internal.app.EclipseAppHandle.run(EclipseAppHandle.java:196)
at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.runApplication(EclipseAppLauncher.java:110)
at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.start(EclipseAppLauncher.java:79)
at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:344)
at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:179)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:616)
at org.eclipse.equinox.launcher.Main.invokeFramework(Main.java:622)
at org.eclipse.equinox.launcher.Main.basicRun(Main.java:577)
at org.eclipse.equinox.launcher.Main.run(Main.java:1410)
at org.eclipse.equinox.launcher.Main.main(Main.java:1386)
```

I am sure that /usr/lib/x86_64-linux-gnu/jni is the correct path. I installed JavaHL with the command
sudo apt-get install libsvn-java
according to <http://subclipse.tigris.org/wiki/JavaHL#head-3a1d2d3c54791d2d751794e5d6645f1d77d95b32>.

If I leave out this line

```
-Djava.library.path=/usr/lib/x86_64-linux-gnu/jni
```

in eclipse.ini, eclipse starts, but when I try to use subclipse, it complains:
Quote:Incompatible JavaHL library loaded. 1.7.x or later required.

I assume that is because eclipse tries to load the JavaHL from /usr/lib/jni (which is not the one it should use).

Could someone help?

Subject: [SOLVED] Re: subclipse in eclipse (ubuntu 12.04 64 bit)
Posted by [MartinJGaluska](#) on Tue, 06 Nov 2012 12:12:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

I have just found the answer on the website

<http://stackoverflow.com/questions/10165693/eclipse-cannot-load-swt-libraries>

and would like to post it here in case other people experience the same problem:

After adding

```
-Djava.library.path=/usr/lib/x86_64-linux-gnu/jni
```

to

```
/etc/eclipse.ini
```

you have to do the following:

Quote:

On Ubuntu 12.04 32 bit enter the command:

```
In -s /usr/lib/jni/libswt-* ~/.swt/lib/linux/x86/
```

And on Ubuntu 12.04 64 bit type:

```
In -s /usr/lib/jni/libswt-* ~/.swt/lib/linux/x86_64/
```

This fixes the loading issue.

However, Ubuntu 12.04 install JavaHL 1.6.x by default, but subclipse requires $\geq 1.7.x$

Therefore, I followed the instructions on

<https://plus.google.com/u/0/110836571215849032642/posts/5gecVzxXUpz>
and entered:

```
sudo apt-add-repository ppa:dominik-stadler/subversion-1.7
```

```
sudo apt-get update
```

```
sudo apt-get upgrade
```

```
sudo apt-get install subversion
```

subclipse finally seems to work now.
