

---

Subject: Re: IDL installation tip for Linux  
Posted by [cgguido](#) on Mon, 07 Dec 2009 04:12:49 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Ha! Adobe helping Linux... priceless.

Gianguido

---

---

Subject: Re: IDL installation tip for Linux  
Posted by [Robbie](#) on Mon, 07 Dec 2009 22:45:10 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Thanks for the tip. Better than trail-and-error package installation.  
However, I gave up at some point realising that I could survive quite well without the workbench.

After following your advice I get a bit further, however now I get the following error.

I am using Fedora 11 x86\_64

more IDLWorkspace71/.metadata/.log

!SESSION 2009-12-08 09:24:05.350

-----  
eclipse.buildId=unknown  
java.version=1.5.0\_11  
java.vendor=Sun Microsystems Inc.  
BootLoader constants: OS=linux, ARCH=x86, WS=gtk, NL=en\_US  
Command-line arguments: -os linux -ws gtk -arch x86

!ENTRY org.eclipse.osgi 4 0 2009-12-08 09:24:08.093

!MESSAGE Application error

!STACK 1

java.lang.UnsatisfiedLinkError: no swt-pi-gtk-3452 or swt-pi-gtk in  
swt.library.path, java.library.path or the jar file  
at org.eclipse.swt.internal.Library.loadLibrary(Library.java:23 3)  
at org.eclipse.swt.internal.Library.loadLibrary(Library.java:15 1)  
at org.eclipse.swt.internal.gtk.OS.<clinit>(OS.java:22)  
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:130)  
at org.eclipse.ui.internal.Workbench.createDisplay(Workbench.java: 511)  
at org.eclipse.ui.PlatformUI.createDisplay(PlatformUI.java:161)  
at  
org.eclipse.ui.internal.ide.application.IDEApplication.createDisplay

```
(IDEApplication
.java:143)
  at org.eclipse.ui.internal.ide.application.IDEApplication.start
(IDEApplication.java:88
)
  at org.eclipse.equinox.internal.app.EclipseAppHandle.run
(EclipseAppHandle.java:193)
  at
  org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher .runApplication
(Eclipse
AppLauncher.java:110)
  at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher .start
(EclipseAppLaunch
er.java:79)
  at org.eclipse.core.runtime.adaptor.EclipseStarter.run
(EclipseStarter.java:386)
  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:39)
  at sun.reflect.DelegatingMethodAccessorImpl.invoke
(DelegatingMethodAccessorImpl.java:2
5)
  at java.lang.reflect.Method.invoke(Method.java:585)
  at org.eclipse.equinox.launcher.Main.invokeFramework(Main.java: 549)
  at org.eclipse.equinox.launcher.Main.basicRun(Main.java:504)
  at org.eclipse.equinox.launcher.Main.run(Main.java:1236)
  at org.eclipse.equinox.launcher.Main.main(Main.java:1212)
```

Robbie

---

---

Subject: Re: IDL installation tip for Linux  
Posted by [jeanh](#) on Mon, 07 Dec 2009 22:55:45 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Robbie wrote:

```
> Thanks for the tip. Better than trail-and-error package installation.
> However, I gave up at some point realising that I could survive quite
> well without the workbench.
>
> After following your advice I get a bit further, however now I get the
> following error.
> I am using Fedora 11 x86_64
>
> more IDLWorkspace71/.metadata/.log
```

>  
> !SESSION 2009-12-08 09:24:05.350  
> -----  
> eclipse.buildId=unknown  
> java.version=1.5.0\_11

Hi,  
be sure to have the 32 bit version of Java installed

Jean

---

Subject: Re: IDL installation tip for Linux  
Posted by [penteado](#) on Mon, 07 Dec 2009 23:55:18 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On Dec 7, 8:55 pm, jean h  
<jghasb...@DELETETHIS.environmentalmodelers.ANDTHIS.com> wrote:

> Robbie wrote:  
>> Thanks for the tip. Better than trail-and-error package installation.  
>> However, I gave up at some point realising that I could survive quite  
>> well without the workbench.

>  
>> After following your advice I get a bit further, however now I get the  
>> following error.  
>> I am using Fedora 11 x86\_64

>  
>> more IDLWorkspace71/.metadata/.log

>  
>> !SESSION 2009-12-08 09:24:05.350  
>> -----  
>> eclipse.buildId=unknown  
>> java.version=1.5.0\_11

>  
> Hi,  
> be sure to have the 32 bit version of Java installed

>  
> Jean

That would be my first guess as well. But again, guessing is necessary. They should at least make the IDL installer check for every dependency that is not included in basic installs of the major distributions, so that it could tell what is missing in most cases. Even most configure scripts do a better job of complaining about missing things.

It would also help if ITTVIS used a forum for support, instead of only private emails to the users, so that we could search for previous

discussions of the same problems. As it is now, not many of the issues make it to a tech tip.

---

---

Subject: Re: IDL installation tip for Linux

Posted by [David Fanning](#) on Tue, 08 Dec 2009 00:28:32 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

pp writes:

- > It would also help if ITTVIS used a forum for support, instead of only
- > private emails to the users, so that we could search for previous
- > discussions of the same problems. As it is now, not many of the issues
- > make it to a tech tip.

I would think quite a bit makes it to Tech Tips, only to be lost by that search engine of theirs that appears to suffer from an advanced stage of Alzheimers.

Since it is impossible to link to anything on ITTVIS's web page, I was trying to describe to someone last week how to get to IDL Revolution, probably the most useful IDL program ever produced by ITTVIS. Even though I gave explicit instructions (start here, use these keywords in the search, etc.) the person never was successful in finding the darn program. Finally, she just gave up in frustration. I know the feeling well. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

---

---

Subject: Re: IDL installation tip for Linux

Posted by [Michael Galloy](#) on Tue, 08 Dec 2009 03:54:57 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

David Fanning wrote:

- > pp writes:
- >

>> It would also help if ITTVIS used a forum for support, instead of only  
>> private emails to the users, so that we could search for previous  
>> discussions of the same problems. As it is now, not many of the issues  
>> make it to a tech tip.

>  
> I would think quite a bit makes it to Tech Tips, only to  
> be lost by that search engine of theirs that appears to  
> suffer from an advanced stage of Alzheimers.

>  
> Since it is impossible to link to anything on ITTVIS's  
> web page, I was trying to describe to someone last week  
> how to get to IDL Revolution, probably the most useful  
> IDL program ever produced by ITTVIS. Even though I gave  
> explicit instructions (start here, use these keywords  
> in the search, etc.) the person never was successful  
> in finding the darn program. Finally, she just gave  
> up in frustration. I know the feeling well. :-(

Yes, the inability to link to code library entries is particularly  
frustrating. The awful search is one thing, but once I do finally find  
what I am looking for I should be able to point to it so that I can show  
someone else.

Mike

--

www.michaelgalloy.com  
Research Mathematician  
Tech-X Corporation

---

Subject: Re: IDL installation tip for Linux  
Posted by [penteado](#) on Tue, 15 Dec 2009 10:02:34 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On Dec 7, 8:45 pm, Robbie <ret...@iinet.net.au> wrote:

> Thanks for the tip. Better than trail-and-error package installation.  
> However, I gave up at some point realising that I could survive quite  
> well without the workbench.

>  
> After following your advice I get a bit further, however now I get the  
> following error.

> I am using Fedora 11 x86\_64

>  
> more IDLWorkspace71/.metadata/.log

>  
> !SESSION 2009-12-08 09:24:05.350

> -----  
> eclipse.buildId=unknown

```

> java.version=1.5.0_11
> java.vendor=Sun Microsystems Inc.
> BootLoader constants: OS=linux, ARCH=x86, WS=gtk, NL=en_US
> Command-line arguments: -os linux -ws gtk -arch x86
>
> !ENTRY org.eclipse.osgi 4 0 2009-12-08 09:24:08.093
> !MESSAGE Application error
> !STACK 1
> java.lang.UnsatisfiedLinkError: no swt-pi-gtk-3452 or swt-pi-gtk in
> swt.library.path, java.lib
> rary.path or the jar file
>   at org.eclipse.swt.internal.Library.loadLibrary(Library.java:23 3)
>   at org.eclipse.swt.internal.Library.loadLibrary(Library.java:15 1)
>   at org.eclipse.swt.internal.gtk.OS.<clinit>(OS.java:22)
>   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:130)
>   at org.eclipse.ui.internal.Workbench.createDisplay(Workbench.ja va:
> 511)
>   at org.eclipse.ui.PlatformUI.createDisplay(PlatformUI.java:161)
>   at
> org.eclipse.ui.internal.ide.application.IDEApplication.creat eDisplay
> (IDEApplication
> .java:143)
>   at org.eclipse.ui.internal.ide.application.IDEApplication.start
> (IDEApplication.java:88
> )
>   at org.eclipse.equinox.internal.app.EclipseAppHandle.run
> (EclipseAppHandle.java:193)
>   at
> org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher .runApplication
> (Eclipse
> AppLauncher.java:110)
>   at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher .start
> (EclipseAppLaunch
> er.java:79)
>   at org.eclipse.core.runtime.adaptor.EclipseStarter.run
> (EclipseStarter.java:386)
>   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:39)
>   at sun.reflect.DelegatingMethodAccessorImpl.invoke
> (DelegatingMethodAccessorImpl.java:2
> 5)
>   at java.lang.reflect.Method.invoke(Method.java:585)
>   at org.eclipse.equinox.launcher.Main.invokeFramework(Main.java: 549)

```

```
> at org.eclipse.equinox.launcher.Main.basicRun(Main.java:504)
> at org.eclipse.equinox.launcher.Main.run(Main.java:1236)
> at org.eclipse.equinox.launcher.Main.main(Main.java:1212)
>
> Robbie
```

I just got what appears to be the same error, with another F12 install, and it was solved by installing java-1.6.0-openjdk.i686 from the standard Fedora repository (though it could be that it was actually one of its dependencies that was missing).

Also, I noticed that a similar result to installing Adobe Reader as I mentioned above was obtained installing Skype from its repository (in a clean F12 install, it causes a very large number of libraries to be installed). And libXp is also necessary (even for command line), which I did not mention before because for that there is an actual clear error message when it is missing.

---