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Subject: Re: IDLDE can not start in Ubuntu10.04

Posted by [BLemire@ittvis.com](mailto:BLemire@ittvis.com) on Wed, 26 May 2010 20:47:39 GMT

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On May 26, 9:54 am, lunwen <lunwe...@163.com> wrote:

```
> Hello,
>
> I just installed ENVI4.7/IDL7.1.1 in Ubuntu10.04 with the root user. I
> met two problems.
>
> 1. the IDL and ENVI help can not work. I can start IDL and ENVI in the
> terminal. But when I input '?' in the IDL or ENVI prompt, the online
> help browser can not show, and just like this:
>
> IDL> ?
> % ONLINE_HELP: Starting the online help browser.
> IDL>
>
> ENVI> ?
> % ONLINE_HELP: Starting the online help browser.
> ENVI>
>
> 2. IDLDE can not start with general user but it can work with root
> user. If I use the command: sudo idlde, it can start the IDLDE, and
> the IDL and ENVI help can also work well. However, when I just input:
> idlde, it can not start. The following is the error information:
>
> lunwen@ubuntu:~$ idlde
> !SESSION 2010-05-26 10:46:56.109
> -----
> 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 2010-05-26 10:46:56.519
> !MESSAGE Error reading configuration: /home/wzz0007/.idl/itt/
> idlworkbench-config-idl7.1.0/org.eclipse.osgi/.manager/.file TableLock
> (No such file or directory)
> !STACK 0
> java.io.FileNotFoundException: /home/wzz0007/.idl/itt/idlworkbench-
> config-idl7.1.0/org.eclipse.osgi/.manager/.fileTableLock (No such file
> or directory)
>   at java.io.RandomAccessFile.open(Native Method)
>   at java.io.RandomAccessFile.<init>(RandomAccessFile.java:212)
>   at
> org.eclipse.core.runtime.internal.adaptor.Locker_JavaNio.lock(Locker_JavaNio.java:
```

```

> 32)
>     at
> org.eclipse.osgi.storagemanager.StorageManager.lock(StorageM anager.java:
> 389)
>     at
> org.eclipse.osgi.storagemanager.StorageManager.open(StorageM anager.java:
> 687)
>     at
> org.eclipse.osgi.internal.baseadaptor.BaseStorage.initFileMa nager(BaseStorage.java:
> 208)
>     at
> org.eclipse.osgi.internal.baseadaptor.BaseStorage.initialize (BaseStorage.java:
> 142)
>     at
> org.eclipse.osgi.baseadaptor.BaseAdaptor.initializeStorage(B aseAdaptor.java:
> 124)
>     at
> org.eclipse.osgi.framework.internal.core.Framework.initializ e(Framework.java:
> 180)
>     at
> org.eclipse.osgi.framework.internal.core.Framework.<init>(Framework.java:
> 152)
>     at
> org.eclipse.osgi.framework.internal.core.OSGi.createFramewor k(OSGi.java:
> 90)
>     at org.eclipse.osgi.framework.internal.core.OSGi.<init>(OSGi.java:31)
>     at
> org.eclipse.core.runtime.adaptor.EclipseStarter.startup(Ecli pseStarter.java:
> 286)
>     at
> org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseS tarter.java:
> 175)
>     at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
>     at
> sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAcce ssorImpl.java:
> 39)
>     at
> sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMe thodAccessorImpl.java:
> 25)
>     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)
>
> I'm not familiar with Ubuntu and don't know how to solve these
> problems. Can anyone help me to solve these?
>

```

> Thanks in advance!

It appears that you are having a permissions issue to begin with. I am wondering if you installed ENVI/IDL with SELinux enabled. This might have changed the permissions for your installation directory, thereby only allowing you to run ENVI/IDL as root. What do you get when you

```
open a terminal
cd /usr/local/itt
ls -l
```

On my working installation (I can run as user), I get the following when I run the above commands

```
drwxr-xr-x 10 root:users 4096 ... idl71
```

Another modification that will need to be made will be to do the following in the terminal (or add the following to your shell startup script)

```
export GDK_NATIVE_WINDOWS=true
```

This resolves an issue with Eclipse not playing nicely with this Ubuntu distribution.

~Brandon

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