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Subject: generate image to a no display environment  
Posted by [Petula Lau](#) on Tue, 13 Oct 2009 21:00:41 GMT  
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Hi there,

I am trying to generate an image (using write png to write to file) on our server (linux SLES) with no display set - the IDL code is writing to the Z buffer then saving to file.

This works in the IDL command line interface, but when I use my java program to call the IDL wrapper for the program it complains as follows:

```
09:58:33,091 INFO [STDOUT] Successfully loaded libawt.so
09:58:33,091 ERROR [STDERR] *** java.lang.UnsatisfiedLinkError: /opt/
java64/jdk1.6.0_16/jre/lib/amd64/libjawt.so: /opt/java64/jdk1.6.0_16/
jre/lib/amd64/libjawt.so: symbol awt_FreeDrawingSurface, version
SUNWprivate_1.1 not defined in file libmawt.so with link time
reference
09:58:33,091 ERROR [STDERR] Failed to load jawt from /opt/java64/
jdk1.6.0_16/jre/lib/amd64
09:58:33,098 ERROR [STDERR] *** java.lang.UnsatisfiedLinkError: /opt/
idl/idl71/bin/bin.linux.x86_64/libjavaidl.so: /opt/java64/jdk1.6.0_16/
jre/lib/amd64/libjawt.so: symbol awt_FreeDrawingSurface, version
SUNWprivate_1.1 not defined in file libmawt.so with link time
reference
09:58:33,098 ERROR [STDERR] Failed to load javaidl.so from default
location.
```

Does anyone have an idea how to solve this?

My work around is to start vncserver, then set the display environment variable to that port. Not an ideal solution because we don't want vnc on our production machine.

Appreciate your responses.

Cheers,  
Petula

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