
Subject: Debugging Java Bridge CLASSPATH issues?
Posted by [Matt Francis](#) on Fri, 12 Jul 2013 03:44:23 GMT
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I am attempting to do some relatively simple stuff with the Java bridge facility in IDL, but seem to be failing at the initial hurdle. I can instantiate objects of basic class (string etc) and play around with them, but I have installed a package (or whatever is called in Java land) mysql-connector-java. I added the location of the relevant .jar file into the CLASSPATH in my .idljavabrc file.

When I try and instantiate this, Java throws an exception with the message:

```
% java.lang.ClassNotFoundException: com/mysql/jdbc/Driver
% at java.lang.Class.forName0(Native Method)
% at java.lang.Class.forName(Class.java:164)
```

So, it can't find it, but I put it in the classpath. Either the classpath isn't being set right or there is an issue with the .jar file (conflicting Java versions or something??). I would like to narrow this down by verifying that IDL has picked up the additions I made to the CLASSPATH, but I can't find any IDL System variable (or something else) that would let me do that. I.e. I would like to just check say:

```
> print,!CLASSPATH
```

and verify that I have managed to set this as desired, but of course that isn't a real IDL System variable.

How can I check what CLASSPATH IDL is using?

Subject: Re: Debugging Java Bridge CLASSPATH issues?
Posted by skymaxwell@gmail.com on Fri, 12 Jul 2013 17:53:52 GMT
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Hi

Does your Java code with JDBC driver works well separately without IDL ?

Subject: Re: Debugging Java Bridge CLASSPATH issues?
Posted by [Matt Francis](#) on Sun, 14 Jul 2013 22:57:46 GMT
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On Saturday, 13 July 2013 03:53:52 UTC+10, skymaxwell wrote:

```
> Hi
>
>
```

>

> Does your Java code with JDBC driver works well separately without IDL ?

Yes, it does, or at least I assume so. I am merely trying to get a fairly standard 3rd party package to work within IDL. It isn't my Java code.

Subject: Re: Debugging Java Bridge CLASSPATH issues?

Posted by [Matthew Argall](#) on Sun, 14 Jul 2013 23:16:59 GMT

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Have you seen this page?

http://www.exelisvis.com/docs/Environment_Variables.html

Together with the GETENV function might get you started... On my laptop GETENV('CLASSPATH') returns the empty string, but then again I have not used Java bridge. You might have to set IDL_CLASSPATH in your bash or csh file so that it points where it is suppose to.
