
Subject: Re: Java Bridge Import

Posted by [humanumbrella](#) on Mon, 23 Jun 2008 14:41:27 GMT

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

On Jun 23, 10:13 am, Nigel Wade <n...@ion.le.ac.uk> wrote:

> humanumbre...@gmail.com wrote:

>> Hey ~~

>

>> So, I'm trying to re-use much existing Java code in this java->IDL

>> rewrite process. However, it appears that I can only access Java

>> classes if they're jar'd up. I need to be able to access class files

>> without having to Jar them. (This is a huge application)

>

> No, you don't need to jar them. Have you read the IDL manual about how to access

> Java objects? Some of the examples there access individual class files.

>

>

>

>

>

>> Here's what I mean:

>> For example, I have a class "HelloWorld.java" and "HelloWorld.class"

>> in D:\IDLResearch\Bridge\

>

>> This code: javaClass = obj_new('IDLJavaObject\$HELLOWORLD',

>> 'HelloWorld.java') returns

>

>> "% Class HelloWorld.java not found

>> % Execution halted at: IMPORTER 3 D:\IDLResearch\Bridge

>> \importer.pro

>> % \$MAIN\$ "

>

>> My idljavabrc file contains: D:\IDL\Bridge\ and D:\IDLResearch\Bridge

>> -- I've tried it with each.

>

>> Any thoughts ??

>> Thanks in advance!

>> --Justin

>

> The problem you have there is that you have not named your class file correctly.

> The classloader does not want your java source file. Further, the classloader

> locates classes by package name, and '.' is the separator for packages within

> the package hierarchy. What the classloader will be looking for in your example

> is a file called 'HelloWorld\java.class'.

>

> If your java class is not part of a package then you should include the

> directory in which HelloWorld.class resides in the CLASSPATH and specify the

> class 'HelloWorld' in the obj_new.

>
> If your class is part of package then you need to include the base directory of
> package hierarchy in the CLASSPATH and specify the fully qualified class name
> in obj_new.
>
> --
> Nigel Wade

Yes, I did have a typo -- but the ultimate problem was the specification of the folder w/ a space.

```
asdf = obj_new('IDLJavaObject$HELLOWORLD', $  
  'HelloWorld')
```

with the proper set up in idljavabrc file works.

Thanks!
--Justin
