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Subject: Re: Java Connector

Posted by [Aitor Aldoma](#) on Fri, 03 Nov 2006 11:47:43 GMT

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Wow thanks,

the problem was not in configuration.

It has something to do with 32bit and 64bit versions of Java, IDL and operating system libraries. The -DIDL\_LOAD\_DEBUG was really useful.

Need to talk with my sysadmin to fix this.

C u.

pskellicker@ameritech.net wrote:

> There are setup scripts for the bridge on Unix systems. If I remember  
> correctly, first source idl\_setup then source bridge\_setup

>

> Then, make sure you are pointing to the javaidlb.jar where it lives in  
> the IDL distribution. For example:

>

> % java -classpath

> '/blah/idl63/resources/bridge/export/java/javaidlb.jar:<others >'

> myClass

>

> You can also specify a command-line option to help debug any library  
> loading issues:

> % java -DIDL\_LOAD\_DEBUG -classpath

> '/blah/idl63/resources/bridge/export/java/javaidlb.jar:<others >'

> MyClass

>

>

> aldoma.aitor@gmail.com wrote:

>

>> Hi group!

>>

>> Trying to use the Java Connector examples I am getting some ugly  
>> troubles.

>>

>> IDL version : 6.3

>> OS version : Fedora Linux on Solaris Ultra 40 machine

>>

>> Error

>>

>> Failed to load javaidlb from from default location.

>> Exception in thread "main" java.lang.UnsatisfiedLinkError:

>> nativeInitJPAL

```
>> at com.idl.javaidl.JIDLPAL.nativeInitJPAL(Native Method)
>> at com.idl.javaidl.JIDLPAL.<clinit>(JIDLPAL.java:186)
>> at com.idl.javaidl.JIDLObject.<init>(JIDLObject.java:71)
>> at
>> com.idl.javaidl.java_IDL_connect.<init>(java_IDL_connect.java:23)
>> at arrays_example.<init>(arrays_example.java:43)
>> at arrays_example.main(arrays_example.java:121)
>>
>> I guess I have configured my machine correctly setting LD_LIBRARY_PATH,
>> PATH, CLASSPATH and IDL_PATH the values proposed in the Bridges
>> documentation.
>>
>> Have you tried Java Connector and had the same problem?
>>
>> Another question,
>>
>> I want to use Java Connector to include IDL processing power in a
>> larger Java Application. This application should finally run on a
>> client machine with JRE and the IDL Virtual Machine.
>> However, reading the documentation some of the methods of the Wrapper
>> Object are not available in the IDL Virtual Machine (setVariable,
>> getVariable and executeString).
>>
>> Is it possible with the standard wrapper object to call the IDL object
>> wrapped methods?? I surely will need to get some data from the IDL
>> object.
>>
>> This is why, I think I should try using Export Bridge Assistant
>> (license needed).
>>
>> Any suggestion or solution will be appreciated.
>>
>> Thanks in advance.
>
>
```

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