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Subject: Re: IDL java bridge

Posted by [Melissa A. Jackson](#) on Fri, 12 Sep 2003 20:18:21 GMT

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It appears on linux there is a problem with the IDL-Java bridge using jar files created with ZIP compression. The IDL-Java bridge works fine with ZIP compressed Jar files on Mac OS X, Solaris Sparc 8, and Windows 2000.

I have logged an issue here at RSI for development to look into the problem.

For now the workaround is:

Unjar the file

or

Build the jar file without ZIP compression(use the 0 flag). The jexamples.jar file provided in the distribution that works on linux was built with the following command:

```
jar cf0
```

-Melissa Jackson  
Research Systems, Inc.

"Nigel Wade" <nmw@ion.le.ac.uk> wrote in message  
news:bjq126\$ibt\$1@south.jnrs.ja.net...

> Has anyone used the IDL java bridge on Linux to access classes in a jar  
> file?

>

> I'm trying to access a class in one of my jar files, but I keep getting an  
> error message in the /tmp/jb\_whatever file which says the jar file doesn't  
> exist.

>

> The CLASSPATH I have set which points to the jar works fine for a pure  
> Java

> application so CLASSPATH is correct as far as Java is concerned. Does  
> anyone know how IDL locates jar files?

>

>

> This is my CLASSPATH:

> ./home/nigel/Spear/Java/fitData.jar

>

> this is the attempt to create the Java object:

>

> IDL> fitReader = OBJ\_NEW( 'IDLJavaObject\$FITDATA\_FITFILEREADER',  
> 'fitData.FitFileReader', '2003022616f.fit.gz')

> % Class fitData.FitFileReader not found

> % Execution halted at: \$MAIN\$

>

> and this is the resulting error message:

> /home/nigel/Spear/Java/fitData.jar: No such file or directory

>  
> and checking the file really exists:  
>  
> \$ls -l /home/nigel/Spear/Java/fitData.jar  
> -rw-rw-r-- 1 nigel nigel 14979 Aug 5 17:41  
> /home/nigel/Spear/Java/fitData.jar  
>  
> --  
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