

Equivalent *.so files for *.dll files



ravindra 310 posts since

Jul 16, 2008

Hi,

Please let me know th eequivalent *.so files in Solaris remedy Server and their location.

arapi60.dll, arjni60.dll, arrpc60.dll, aruti60.dll

regards

ravindra



ginol 261 posts since

Feb 26, 2008 1. **Re: Equivalent *.so files for *.dll files** Dec 12, 2008 1:46 AM

Hello,

there are not really equivalent files for Solaris (I mean 1 to 1).

Some necessary Solaris files should be:

libarjni60.so libarutiljni60.so libjlicapi60.so

Equivalent *.so files for *.dll files

Have a look at Javadoc documentation because it includes also information related to location and installation of Java and C API.


I hope it helps.

Regards



[RamyaS](#) 86 posts since

Aug 21, 2008 2. **Re: Equivalent *.so files for *.dll files** Dec 16, 2008 5:36 AM

 in response to: [ginol](#)

Hi,

I have a doubt regarding on the same.

We copied **arapi60.dll**, **arjni60.dll**, **arrpc60.dll**, **arutl60.dll** from the **ARS 7.1 server** to the **OIM server**, when OIM server on **Window** .

Now we are moving **OIM Server** from **window** to **Linux** environment. SO please let us know the *.so files corresponding *.dll files (for window) & **additional**

files

Kindly Suggest.

Equivalent *.so files for *.dll files


Thanks and Regards,

Ramya S



[ginol](#) 261 posts since

Feb 26, 2008 3. **Re: Equivalent *.so files for *.dll files** Dec 16, 2008 6:43 AM

 in response to: [RamyaS](#)

Hello,


it's also possible to download the proper files from [arswiki](#) according with OS and API version.

Regards



[RamyaS](#) 86 posts since

Aug 21, 2008 4. **Re: Equivalent *.so files for *.dll files** Dec 16, 2008 9:34 PM

 in response to: [ginol](#)

Hi,

Did we need any other *.so files to be copy in OIM Server.

Kindly Suggest.


Thanks and Regards,

Ramya S



[ravindra](#) 310 posts since

Jul 16, 2008 5. **Re: Equivalent *.so files for *.dll files** Dec 18, 2008 9:45 AM

 in response to: [RamyaS](#)

Equivalent *.so files for *.dll files

Hi,

where can i get **arjni70.jar** which is compilable with **libarjni70.so** file from **ARS 7.1** target for **Linux environment**.

FYI, i didnt find that in ARSWIKI


regards

ravindra



[ravindra](#) 310 posts since

Jul 16, 2008 6. **Re: Equivalent *.so files for *.dll files** Dec 18, 2008 10:00 AM

 in response to: [ravindra](#)

And also file equivaesnt to

- **libicuucbmc.so.32(solaris) in linux.**
- arjni70.jar(windows) or libarjni70.so (solaris)

Both files in Linux. Please let me know

regards

ravindra

Equivalent *.so files for *.dll files



RamyaS 86 posts since

Aug 21, 2008 7. Re: Equivalent *.so files for *.dll files Dec 18, 2008 9:39 PM

in response to: [ravindra](#)

Hi,

We have copied the `libarjni70.so`, `libarutiljni70.so`, `libjlicapi70.so`

& `arapi70.jar`, `arutil70.jar`, `arjni70.jar` files under `/usr/ar` folder in Linux machine and,

We set the `PATH` & `CLASSPATH` as:

```
1)[root@tcs055058 OIM_91]# echo $PATH/root/JDK_Linux/j2sdk1.4.2_12/bin:/root/JDK_Linux/j2sdk1.4.2_12/bin:/usr/kerberos/sbin:/usr/kerberos/bin:/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin:/usr/X11R6/bin:/root/bin:.
```

```
2)[root@tcs055058 OIM_91]# echo $CLASSPATH/usr/ar/arutil70.jar:/usr/ar/arapi70.jar:.
```

Now we are running our Application :

(i) When we are not setting the `LD_LIBRARY_PATH` as:[root@tcs055058 OIM_91]# echo `$LD_LIBRARY_PATH`

```
[root@tcs055058 OIM_91]#
```

Then we are getting the following ERROR Message:

```
12:37:21,190 INFO [STDOUT] at java.lang.Thread.run(Thread.java:534)
```

```
12:37:21,192 INFO [STDOUT] Caused by: java.lang.UnsatisfiedLinkError:  
no arjni70 in java.library.path12:37:21,192 INFO [STDOUT] at  
java.lang.ClassLoader.loadLibrary(ClassLoader.java:1517)
```

```
12:37:21,192 INFO [STDOUT] at java.lang.Runtime.loadLibrary0(Runtime.java:788)
```

```
12:37:21,192 INFO [STDOUT] at java.lang.System.loadLibrary(System.java:834)
```

Equivalent *.so files for *.dll files

12:37:21,192 INFO [STDOUT] at com.remedy.arsys.api.Proxy.<clinit>(Proxy.java:51)

12:37:21,192 INFO [STDOUT] at
com.thortech.xl.integration.hostAccess.BMCTicket.<init>(Unknown Source)

12:37:21,192 INFO [STDOUT] ... 104 more

(ii) When we are setting the LD_LIBRARY_PATH as:

```
[root@tcs055058 bin]# export LD_LIBRARY_PATH=/usr/ar:. [root@tcs055058 bin]#  
echo $LD_LIBRARY_PATH
```

```
/usr/ar:.
```

```
[root@tcs055058 bin]#
```

Then we are getting the following ERROR Message:

14:26:34,560 INFO [STDOUT] at java.lang.Thread.run(Thread.java:534)

14:26:34,562 INFO [STDOUT] Caused by: java.lang.UnsatisfiedLinkError: /usr/ar/
libarjni70.so: /usr/ar/libarjni70.so: ELF file data encoding not little-endian14:26:34,562
INFO [STDOUT] at java.lang.ClassLoader\$NativeLibrary.load(Native Method)

14:26:34,562 INFO [STDOUT] at
java.lang.ClassLoader.loadLibrary0(ClassLoader.java:1586)

14:26:34,562 INFO [STDOUT] at
java.lang.ClassLoader.loadLibrary(ClassLoader.java:1511)

14:26:34,562 INFO [STDOUT] at java.lang.Runtime.loadLibrary0(Runtime.java:788)

14:26:34,562 INFO [STDOUT] at java.lang.System.loadLibrary(System.java:834)

14:26:34,562 INFO [STDOUT] at com.remedy.arsys.api.Proxy.<clinit>(Proxy.java:51)

14:26:34,562 INFO [STDOUT] at
com.thortech.xl.integration.hostAccess.BMCTicket.<init>(Unknown Source)

14:26:34,563 INFO [STDOUT] ... 104 more

Equivalent *.so files for *.dll files

Please let us know how we can resolve it.


Thanks and Regards,

Ramya S



[ginol](#) 261 posts since

Feb 26, 2008 8. **Re: Equivalent *.so files for *.dll files** Dec 19, 2008 1:59 AM

 in response to: [ravindra](#)

Hello,

I guess that ARSWiki contains only API downloads.


You should find all necessary files in the official ARS Remedy installation cd.

Regards



[ginol](#) 261 posts since

Feb 26, 2008 9. **Re: Equivalent *.so files for *.dll files** Dec 19, 2008 2:15 AM

 in response to: [RamyaS](#)

Hello,

it seems to be correct the settings (ii) but in that case it sounds like the shared libraries haven't been built for the machine you are running on.

What is the machine you took these files? What is the machine you moved these files onto?


Regards

Equivalent *.so files for *.dll files



[RamyaS](#) 86 posts since

Aug 21, 2008 10. **Re: Equivalent *.so files for *.dll files** Dec 19, 2008 4:01 AM

 in response to: [ginol](#)

Hi,

I took some of the files from ARSWiki and kindly explain the question 2 (What is the machine you moved these files onto?).


Thanks and Regards

Ramya S



[RamyaS](#) 86 posts since

Aug 21, 2008 11. **Re: Equivalent *.so files for *.dll files** Dec 22, 2008 12:21 AM

 in response to: [ginol](#)

Hi,

Now we are testing our Application on **Solaris Machine** & we are using the ***.so** & ***.so.32** files downloaded.

But are getting the following error when we are running our application in **Solaris machine** with ***.so** & ***.so.32** files.

Equivalent *.so files for *.dll files

10:05:39,293 INFO [STDOUT] at java.lang.Thread.run(Thread.java:595)

10:05:39,294 INFO [STDOUT]

] Caused by: java.lang.UnsatisfiedLinkError: /usr/ar/libarjni70.so: ld.so.1: java: fatal: /usr/ar/libarjni70.so: wrong ELF data format: ELFDATA2MSB

10:05:39,294 INFO [STDOUT] at java.lang.ClassLoader\$NativeLibrary.load(Native Method)

Equivalent *.so files for *.dll files

10:05:39,294 INFO [STDOUT] at java.lang.ClassLoader.loadLibrary0(ClassLoader.java:1751)

10:05:39,295 INFO [STDOUT] at java.lang.ClassLoader.loadLibrary(ClassLoader.java:1676)

10:05:39,295 INFO [STDOUT] at java.lang.Runtime.loadLibrary0(Runtime.java:822)

10:05:39,295 INFO [STDOUT] at java.lang.System.loadLibrary(System.java:992)

Equivalent *.so files for *.dll files

10:05:39,295 INFO [STDOUT] at com.remedy.arsys.api.Proxy.<clinit>(Proxy.java:51)

10:05:39,295 INFO [STDOUT] at com.thortech.xl.integration.hostAccess.BMCTicket.<init>(Unknown Source)

10:05:39,295 INFO [STDOUT] ... 104 more

Equivalent *.so files for *.dll files

Please let us know how we can resolve it.


Thanks and Regards,

Ramya S



[ginol](#) 261 posts since

Feb 26, 2008 12. **Re: Equivalent *.so files for *.dll files** Dec 22, 2008 1:53 AM

 in response to: [RamyaS](#)

Hello,

which exactly your OS version? Are you using 64bit or 32 bit architecture?

I think that you should check ARS compatibility matrix and after that install proper files from ARS installation CD.

Regards



[gramsa49](#) 165 posts since

Jun 26, 2007 13. **Re: Equivalent *.so files for *.dll files** Dec 23, 2008 11:30 AM

 in response to: [ginol](#)

If you run "java -version", what is the output?


Equivalent *.so files for *.dll files

Axton Grams



[ravindra](#) 310 posts since

Jul 16, 2008 14. Re: **Equivalent *.so files for *.dll files** Dec 23, 2008 8:45 PM

 in response to: [gramsa49](#)

java -version

```
java version "1.5.0_01"
```


```
Java(TM) 2 Runtime Environment, Standard Edition (build 1.5.0_01-b08)
```

```
Java HotSpot(TM) Server VM (build 1.5.0_01-b08, mixed mode)
```



[RamyaS](#) 86 posts since

Aug 21, 2008 15. Re: **Equivalent *.so files for *.dll files** Jan 2, 2009 5:32 AM

 in response to: [ravindra](#)

Hi All,

Equivalent *.so files for *.dll files

I tested my application on Solaris & Linux environments with new downloaded *.so & *.jar files.

But still we are facing the same ERROR : ELF related to **libarjni70.so** file

09:05:39,293 INFO [STDOUT] at java.lang.Thread.run(Thread.java:595)

09:05:39,294 INFO [STDOUT]

] Caused by: java.lang.UnsatisfiedLinkError: /usr/ar/libarjni70.so: ld.so.1: java: fatal: /usr/ar/libarjni70.so: wrong ELF data format: ELFDATA2MSB

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Equivalent *.so files for *.dll files

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09:05:39,295 INFO [STDOUT] at com.thortech.xl.integration.hostAccess.BMCTicket.<init>(Unknown Source)

09:05:39,295 INFO [STDOUT] ... 103 more

Kindly suggest,

Regards,


Ramya S

Equivalent *.so files for *.dll files



[gramsa49](#) 165 posts since

Jun 26, 2007 16. **Re: Equivalent *.so files for *.dll files** Jan 2, 2009 8:53 AM

 in response to: [RamyaS](#)

Are you using a 64-bit jvm to compile/run the program? Did you download the api for the right platform?


Axton

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[ravindra](#) 310 posts since

Jul 16, 2008 17. **Re: Equivalent *.so files for *.dll files** Jan 5, 2009 9:30 AM

 in response to: [gramsa49](#)

As per server log file sent you, it seems that some of your libraries (*.so) were corrupted.

Can you please provide us the **Build Instructions** to create the *.so files, by which we can create the new *.so files for our Solaris & Linux environments here & test them to move forward on this issue.

regards


Equivalent *.so files for *.dll files

ravindra



[ravindra](#) 310 posts since

Jul 16, 2008 18. Re: **Equivalent *.so files for *.dll files** Jan 6, 2009 10:18 AM

 in response to: [gramsa49](#)

Yes. Using 64-bit sparcv9 kernel modules.and downlaoded teh correct apis.

```
# java -version
```

```
java version "1.5.0_01"
```

```
Java(TM) 2 Runtime Environment, Standard Edition (build 1.5.0_01-b08)
```

```
Java HotSpot(TM) Server VM (build 1.5.0_01-b08, mixed mode)
```

As per server log file sent you, it seems that some of your libraries (*.so) were corrupted.

Can you please provide us the **Build Instructions** to create the *.so files, by which we can create the new *.so files for our Solaris & Linux environments here & test them to move forward on this issue.

regards

ravindra