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Subject: dlopen error from parbase.so

Posted by [Olaf Hartmann](#) on Mon, 28 Nov 2011 12:48:17 GMT

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Dear all,

I built a fresh PandaRoot version from the trunk (revision 13793), compiling went fine, however when loading the libraries I get an dlopen error:

```
root [0] gROOT->LoadMacro("$VMCWORKDIR/gconfig/rootlogon.C");
root [1] rootlogon()
dlopen error: /u/olaf/panda/pandaroot/build_lenny64/lib/libParBase.so: undefined symbol:
_ZN10FairLogger9GetLoggerEv
Load Error: Failed to load Dynamic link library
/u/olaf/panda/pandaroot/build_lenny64/lib/libBase.so
(int)(-1)
```

Make clean, make, or a new cmake do not help ... any hint?

Cheers  
Olaf.

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Subject: Re: dlopen error from parbase.so

Posted by [Florian Uhlig](#) on Mon, 28 Nov 2011 12:53:40 GMT

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Hi Olaf,

can you please check if you load the libFairTools before loading the libParBase.

Ciao

Florian

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Subject: Re: dlopen error from parbase.so

Posted by [Olaf Hartmann](#) on Mon, 28 Nov 2011 13:02:44 GMT

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Hi Florian,

actually I did not load libFairTools at all ... it looks like it's not included in the default rootlogon or basiclibs macro ...

Ok, with that the error is gone.

Thanks

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Olaf.

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Subject: Re: dlopen error from parbase.so  
Posted by [Florian Uhlig](#) on Mon, 28 Nov 2011 17:35:32 GMT  
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Hi Olaf,

i wonder why the library is not loaded. In my version of PandaRoot the library is already included in the rootlogon.C.  
Something is strange with your installation. Are you sure that your VMCWORKDIR points to the correct directory?

Ciao

Florian

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Subject: Re: dlopen error from parbase.so  
Posted by [Stefano Spataro](#) on Mon, 28 Nov 2011 18:08:57 GMT  
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Also in my case it does work.

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Subject: Re: dlopen error from parbase.so  
Posted by [Olaf Hartmann](#) on Mon, 28 Nov 2011 18:15:49 GMT  
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Hi Florian and Stefano,

yes, the VMCWORKDIR was correct. I found the error in the meantime - my gconfig directory was not using the trunk from svn but my development branch. I forgot that I switched this some time ago.

Thanks for guiding my error diagnostics

Cheers  
Olaf.

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Subject: Re: dlopen error from parbase.so  
Posted by [Florian Uhlig](#) on Mon, 28 Nov 2011 19:56:35 GMT  
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Hi Olaf,

then this was not a clean checkout.

Ciao

Florian

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