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Subject: libstdc++.so.6: version `GLIBCXX\_3.4.18' not found

Posted by [Ralf Plag](#) on Thu, 07 Jan 2016 11:46:39 GMT

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Hi All,

just came back from holidays, no idea what I did before, and stupidly thought the following should work:

```
rplag@lxc0858:~/build$ ./config.sh
System during compilation: Debian GNU/Linux 7.9 (wheezy)
                        x86_64
System now                : Debian GNU/Linux 7.9 (wheezy)
                        x86_64
rplag@lxc0858:~/build$ root -l
/cvmfs/fairroot.gsi.de/gcc_4.8.4/fairsoft/nov15p1_root6/bin/root.exe:
/usr/lib/x86_64-linux-gnu/libstdc++.so.6: version `GLIBCXX_3.4.18' not found (required by
/cvmfs/fairroot.gsi.de/gcc_4.8.4/fairsoft/nov15p1_root6/lib/root/libCore.so.6)
```

I have the following in my bash\_rc:

```
export SIMPATH=/cvmfs/fairroot.gsi.de/gcc_4.8.4/fairsoft/nov15p1_root6
export FAIRROOTPATH=/cvmfs/fairroot.gsi.de/gcc_4.8.4/fairroot/v-15.11_fairsoft-
nov15p1_root6
export LD_LIBRARY_PATH=/cvmfs/it.gsi.de/compiler/gcc/4.8.4/lib64/:$LD_LIBRARY_P ATH
export PATH=/cvmfs/it.gsi.de/compiler/gcc/4.8.4/bin:$PATH
export UCESB_PATH=/u/rplag/ucesb/unpacker
```

Ideas?

Thanks!  
Ralf

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Subject: Re: libstdc++.so.6: version `GLIBCXX\_3.4.18' not found

Posted by [Dmytro Kresan](#) on Thu, 07 Jan 2016 11:50:30 GMT

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Hi Ralf,

try to load the compiler gcc 4.8.4 using following commands:

```
module use /cvmfs/it.gsi.de/modulefiles/
module load compiler/gcc/4.8.4
export CXX=g++
```

Cheers,  
Dima

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Subject: Re: libstdc++.so.6: version `GLIBCXX\_3.4.18' not found

Posted by [Dmytro Kresan](#) on Thu, 07 Jan 2016 12:48:53 GMT

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Hi Ralf,

This is what has worked for me: you need to initialise the compiler after calling ". ./config.sh"  
The configuration script resets the values of PATH and LD\_LIBRARY\_PATH.

Cheers,  
Dima

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Subject: Re: libstdc++.so.6: version `GLIBCXX\_3.4.18' not found

Posted by [Ralf Plag](#) on Thu, 07 Jan 2016 13:03:29 GMT

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Yes, thanks, this worked.

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Subject: Re: libstdc++.so.6: version `GLIBCXX\_3.4.18' not found

Posted by [Dmytro Kresan](#) on Tue, 19 Jan 2016 14:20:15 GMT

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Hi Ralf,

there is a better solution, than loading the compiler module again after executing ". ./config.sh"  
One has to specify -DUSE\_PATH\_INFO=true to the cmake options, which will preserve initial  
state of LD\_LIBRARY\_PATH.

It is also described here:

link

as we agreed, I will update installation instructions accordingly.

Cheers,  
Dima

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