
Subject: [SOLVED] problems with external packages jul14p3@GSI

Posted by [Klaus Götzen](#) on Wed, 18 Feb 2015 14:03:02 GMT

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Hi,

I currently try to install the newest pandaroot trunk on my GSI PC (lxg0477) and like to use the external packages under /cvmfs/fairroot.gsi.de/fairsoft/jul14p3. Setting the SIMPATH to that location I get a crash during compilation of FairRoot (not pandaroot trunk!)

```
...
/cvmfs/fairroot.gsi.de/fairsoft/jul14p3/include/boost/serialization/base_object.hpp:57: error:
'boost::is_const::value' is not a type
/cvmfs/fairroot.gsi.de/fairsoft/jul14p3/include/boost/serialization/base_object.hpp:57: error:
expected ',' or '...' before '==' token
/cvmfs/fairroot.gsi.de/fairsoft/jul14p3/include/boost/serialization/base_object.hpp:57: error: ISO
C++ forbids declaration of 'static_assert' with no type
make[2]: *** [base/CMakeFiles/Base.dir/steer/FairRadLenManager.cxx.o] Error 1
make[1]: *** [base/CMakeFiles/Base.dir/all] Error 2
make: *** [all] Error 2
```

With a personal installation of the external packages in my home (which I'd like to avoid due to quota limitations) it worked. Is there some boost problem/mismatch in the pre-installed packages, or how can I get around that error?

Best,
Klaus

Subject: Re: problems with external packages jul14p3@GSI

Posted by [Mohammad Al-Turany](#) on Wed, 18 Feb 2015 14:10:46 GMT

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Hi Klaus,

Which FairRoot version you use?

Cheers,

Mohammad

Subject: Re: problems with external packages jul14p3@GSI

Posted by [Florian Uhlig](#) on Wed, 18 Feb 2015 14:15:24 GMT

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Hi Klaus,

there should be no difference between the version on cvmfs and one which is installed on your machine. I will try to do a installation myself.

Ciao

Florian

Subject: Re: problems with external packages jul14p3@GSI
Posted by [Klaus Götzen](#) on Wed, 18 Feb 2015 14:18:14 GMT
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Hi Mohammad,

git status gives '# On branch v-14.11'. Like written in Wiki I checked out with

```
git clone https://github.com/FairRootGroup/FairRoot.git
cd FairRoot
git checkout -b v-14.11 v-14.11
```

After the 'git checkout' I didn't happen much, only one line was printed - I basically don't know git at all, so perhaps I forgot something...

Best,
Klaus

Subject: Re: problems with external packages jul14p3@GSI
Posted by [Tobias Stockmanns](#) on Wed, 18 Feb 2015 14:50:23 GMT
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Hi all,

I sometimes have a problem with boost if I forget to call configure.sh

Cheers,

Tobias

Subject: Re: problems with external packages jul14p3@GSI
Posted by [Florian Uhlig](#) on Wed, 18 Feb 2015 15:29:01 GMT
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Hi Klaus,

I can confirm your problem, but only on your machine. On other Squeeze machines the compilation doesn't show an error.

The real problem is at the beginning of errors

Quote:

/cvmfs/fairroot.gsi.de/fairsoft/jul14p3/include/boost/config.hpp:35:33: warning:
/cvmfs/fairroot.gsi.de/fairsoft/jul14p3/include/boost/config/compiler/gcc.hpp is shorter than
expected
/cvmfs/fairroot.gsi.de/fairsoft/jul14p3/include/boost/config.hpp:44:31: warning:
/cvmfs/fairroot.gsi.de/fairsoft/jul14p3/include/boost/config/stdlib/libstdc++.hpp is shorter than
expected

For me it looks like there is a problem with the mount of cvmfs on your machine. I will discuss
this issue tomorrow with our experts from the IT department.

Ciao

Florian

Subject: Re: problems with external packages jul14p3@GSI
Posted by [Klaus Götzen](#) on Wed, 18 Feb 2015 16:03:00 GMT
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Hi Florian,

thanks a lot for looking into it! I'm however a bit worried, that only my PC has this problem. Is it
possible that I somehow spoiled it with wrong environment variables?

Best,
Klaus

Subject: Re: problems with external packages jul14p3@GSI
Posted by [Florian Uhlig](#) on Wed, 18 Feb 2015 16:41:58 GMT
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Hi Klaus,

this has nothing to with environment variables. Simply the file on disk is broken.

Ciao

Florian

Subject: Re: problems with external packages jul14p3@GSI
Posted by [Klaus Götzen](#) on Thu, 19 Feb 2015 06:30:43 GMT
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Hi Florian,

ok, I presume it will then be fixed soon?! Just curiosity: Why does this issue only appear on my machine, when it's an error in cvmfs?

Best,
Klaus

Subject: Re: problems with external packages jul14p3@GSI
Posted by [Klaus Götzen](#) on Thu, 19 Feb 2015 09:44:35 GMT
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Ok, resetting the cvmfs cache on my PC solved the problem.

Cheers,
Klaus
