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Subject: r3broot compilation failed

Posted by [Leyla Atar](#) on Tue, 14 Jun 2016 17:47:33 GMT

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Hello Dima,

I installed the r3broot for developer with ucesb today. The compiling was successful. Then I changed something in PSP detector according to the current experiment and try to compile again.

cmake compiling (cmake -DUSE\_PATH\_INFO=true -DUSE\_DIFFERENT\_COMPILER=TRUE ../R3BRoot) worked well but make did not work and i got the following error:

```
-- Found Git: /usr/bin/git (found version "1.7.10.4")
fatal: No tags can describe 'ebd693f0e2a19dacd1d3f63b5428dd096aee0288'.
Try --always, or create some tags.
-- FairRoot Version - from - Tue Jun 14 09:56:38 2016 +0200
[ 0%] Built target svnheader
[ 17%] Built target R3BData
[ 20%] Built target R3Bbase
[ 23%] Built target Field
[ 28%] Built target R3BPassive
[ 32%] Built target R3BPsp
[ 33%] Generating G__R3BsourceDict.cxx, G__R3BsourceDict_rdict.pcm,
../lib/libR3Bsource.rootmap
Warning in cling::IncrementalParser::CheckABICompatibility():
  C++ ABI mismatch, compiled with __GLIBCXX__ v20141219 running with v20120920
input_line_12:40:5: error: unknown type name 'Source_Type'
  Source_Type GetSourceType() { return kONLINE; }
  ^
input_line_12:40:42: error: use of undeclared identifier 'kONLINE'
  Source_Type GetSourceType() { return kONLINE; }
  ^
Error: /cvmfs/fairroot.gsi.de/gcc_4.8.4/fairsoft/nov15p1_root6/bin/rootcint: compilation failure
(/u/latar/r3broot_dev/build/r3bsource/G__R3BsourceDictd88747b94d_dictUmbrella.h)
make[2]: *** [r3bsource/G__R3BsourceDict.cxx] Error 1
make[1]: *** [r3bsource/CMakeFiles/R3Bsource.dir/all] Error 2
make: *** [all] Error 2
```

Then I tried:

```
rm CMakeCache.txt
cmake -DUSE_PATH_INFO=true -DUSE_DIFFERENT_COMPILER=TRUE ../R3BRoot -->
was o.k.
make --> failed, the same error message
```

Do you know what is wrong?

Cheers,  
Leila