Subject: Re: FairSoft Installation failed on CentOS7
Posted by Mark Lattery on Wed, 09 Jun 2021 01:40:03 GMT
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=="it might be that the Pythia8 server is down. I at least had that problem today"

I retried again later in the day with no change. Is the Pythia8 server down?

=="Why do you try to install FairSoft jun19?"

I was following the PandaRoot Installation guide published on Foswiki. However, per your suggestion, I went with "nov20" and followed the instructions in the
'legacy' folder. This also failed. See output below and enclosed log.

For current purposes, assistance installing either "jun19" or "nov20" would be appreciated.

```
[root@localhost fairsoft_nov20]# cmake -S /home/Panda/fairsoft_nov20 -B
/home/Panda/fairsoft_nov20/build -C /home/Panda/fairsoft_nov20/FairSoftConfig.cmake
loading initial cache file /home/Panda/fairsoft_nov20/FairSoftConfig.cmake
-- The C compiler identification is GNU 4.8.5
-- The CXX compiler identification is GNU 4.8.5
-- The Fortran compiler identification is GNU 4.8.5
-- Check for working C compiler: /usr/bin/cc
-- Check for working C compiler: /usr/bin/cc - works
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
-- Detecting C compile features - done
-- Check for working CXX compiler: /usr/bin/c++
-- Check for working CXX compiler: /usr/bin/c++ - works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- Check for working Fortran compiler: /usr/bin/gfortran
-- Check for working Fortran compiler: /usr/bin/gfortran - works
-- Detecting Fortran compiler ABI info
-- Detecting Fortran compiler ABI info - done
-- Checking whether /usr/bin/gfortran supports Fortran 90
-- Checking whether /usr/bin/gfortran supports Fortran 90 - yes
-- Found Git: /usr/bin/git (found version "1.8.3.1")
-- Found Patch: /usr/bin/patch
-- Found UnixCommands: /usr/bin/bash
--
--   CXX STANDARD       C++14 (change with -DCMAKE_CXX_STANDARD=17)
--
--   BUILD TYPE         RelWithDebInfo (change with -DCMAKE_BUILD_TYPE=...)
--
--   PACKAGE SET        full (change with -DPACKAGE_SET=...)
--
--   PACKAGE       VERSION        OPTION
```

```
--   boost        1.72.0
--   clhep        2.4.1.3
--   dds          3.5.3
--   fairlogger   1.9.0
--   fairmq       1.4.26
--   flatbuffers  1.12.0
--   fmt          6.1.2
--   geant3       3-7_fairsoft
--   geant4       10.6.2          single-threaded (change with -DGEANT4MT=ON)
--   geant4_vmc   5-2
--   hepmc        2.06.09
--   odc          0.10
--   pythia6      428-alice1
--   pythia8      8303
--   root         6.20.08
--   vc           1.4.1
--   vgm          4-8
--   vmc          1-0-p3
--   zeromq       4.3.2
--
--   SOURCE CACHE       using upstream URLs (generate cache by building target
'source-cache' and pass via -DSOURCE_CACHE=...)
--
--   INSTALL PREFIX     /home/Panda/fairsoft_nov20/install (change with
-DCMAKE_INSTALL_PREFIX=...)
--
--    -> export SIMPATH=/home/Panda/fairsoft_nov20/install
--
-- Configuring done
-- Generating done
-- Build files have been written to: /home/Panda/fairsoft_nov20/build
[root@localhost fairsoft_nov20]# cmake --build /home/Panda/fairsoft_nov20/build
Scanning dependencies of target clhep
[  0%] Creating directories for 'clhep'
[  0%] Performing download step (download, verify and extract) for 'clhep'
-- clhep download command succeeded.  See also
/home/Panda/fairsoft_nov20/build/Log/clhep-download-*.log
[  0%] Performing move_dir step for 'clhep'
-- clhep move_dir command succeeded.  See also
/home/Panda/fairsoft_nov20/build/Log/clhep-move_dir-*.log
[  0%] No patch step for 'clhep'
[  0%] No update step for 'clhep'
[  0%] Performing configure step for 'clhep'
CMake Error at  /home/Panda/fairsoft_nov20/build/Stamp/clhep/clhep-configure-RelWithDebI
nfo.cmake:37 (message):
  Command failed: 1

   '/usr/bin/cmake3' '-DCLHEP_BUILD_CXXSTD=-std=c++14' '-GUnix Makefiles'
'-C/home/Panda/fairsoft_nov20/build/tmp/clhep/clhep-cache-RelWithDebInfo .cmake'
'/home/Panda/fairsoft_nov20/build/Source/clhep'

  See also
```

/home/Panda/fairsoft_nov20/build/Log/clhep-configure.log

```
-- Log output is:
loading initial cache file
/home/Panda/fairsoft_nov20/build/tmp/clhep/clhep-cache-RelWithDebInfo.cm ake
-- The C compiler identification is GNU 4.8.5
-- The CXX compiler identification is GNU 4.8.5
-- Check for working C compiler: /usr/bin/cc
-- Check for working C compiler: /usr/bin/cc - works
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
-- Detecting C compile features - done
-- Check for working CXX compiler: /usr/bin/c++
-- Check for working CXX compiler: /usr/bin/c++ - works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- libraries will be installed in /home/Panda/fairsoft_nov20/install/lib
CMake Error at cmake/Modules/ClhepVariables.cmake:178 (message):
  c++14 extension is not available for /usr/bin/c++
Call Stack (most recent call first):
  cmake/Modules/ClhepVariables.cmake:263 (_clhep_verify_cxx14)
  cmake/Modules/ClhepVariables.cmake:310 (_clhep_check_cxxstd)
  CMakeLists.txt:66 (clhep_set_compiler_flags)


-- Configuring incomplete, errors occurred!
See also "/home/Panda/fairsoft_nov20/build/Build/clhep/CMakeFiles/CMakeOutput.log ".

CMake Error at  /home/Panda/fairsoft_nov20/build/Stamp/clhep/clhep-configure-RelWithDebI
nfo.cmake:47 (message):
  Stopping after outputting logs.


gmake[2]: *** [Stamp/clhep/clhep-configure] Error 1
gmake[1]: *** [CMakeFiles/clhep.dir/all] Error 2
gmake: *** [all] Error 2
```

File Attachments

1) CMakeOutput.log, downloaded 389 times
2) clhep-configure.log, downloaded 390 times