
Subject: Error Installation PandaRoot oct19 on Kronos
Posted by [Iman Keshk](#) on Fri, 15 Nov 2019 09:25:15 GMT
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Dear all,

i am trying to install the new PandaRoot release oct19 on Kronos with fairsoft/jun19p1 and fairroot/v18.2.0_fairsoft-jun19p1. When i run "cmake" i get the error below. Did anyone experience the same problem and knows how to solve it?

Best regards,
Iman

```
-- The C compiler identification is GNU 4.9.2
-- The CXX compiler identification is GNU 4.9.2
-- 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
-- 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
-- The Fortran compiler identification is GNU
-- 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
-- NOT Found FAIRBASE
-- Setting FairRoot environment...
-- FairRoot ... - found
/cvmfs/fairroot.gsi.de/fairroot/v18.2.0_fairsoft-jun19p1
-- FairRoot Library
directory : /cvmfs/fairroot.gsi.de/fairroot/v18.2.0_fairsoft-
jun19p1/lib
-- FairRoot Include
path... : /cvmfs/fairroot.gsi.de/fairroot/v18.2.0_fairsoft-
jun19p1/include
-- FairRoot Cmake
Modules : /cvmfs/fairroot.gsi.de/fairroot/v18.2.0_fairsoft-
jun19p1/share/fairbase/cmake
CMAKE_Fortran_COMPILER full path: /usr/bin/gfortran
Fortran compiler: gfortran
Set BuildType DEBUG
-- fairsoft-config found
--- Found a Linux system
--- Found GNU compiler collection
CMake Error at CMakeLists.txt:218 (if):
if given arguments:
```

```
"FairRoot_VERSION" "VERSION_GREATER_EQUAL" "18.2"
```

Unknown arguments specified

-- Configuring incomplete, errors occurred!

Line 218 in CMakeLists.txt:

```
218 if(FairRoot_VERSION VERSION_GREATER_EQUAL 18.2)
219   # Check if the external packages are installed into a
separate install
220   # directory
221   CHECK_EXTERNAL_PACKAGE_INSTALL_DIR()
222
223   # searches for needed packages
224   # REQUIRED means that cmake will stop if this packages are
not found
225   # For example the framework can run without GEANT4, but
ROOT is
226   # mandatory
```

Subject: Re: Error Installation PandaRoot oct19 on Kronos
Posted by [Johannes Kellers](#) on Fri, 15 Nov 2019 13:10:21 GMT
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Yes, i had the same problem. In CMakeLists.txt i just changed the value of the condition to "1" (if(FairRoot_VERSION VERSION_GREATER_EQUAL 18.2) to if(1)) and after that it compiles. I know that now the check for the FairRoot version misses, but if you are sure that your FairRoot Version is the correct one then it should be no problem.

Subject: Re: Error Installation PandaRoot oct19 on Kronos
Posted by [Iman Keshk](#) on Fri, 15 Nov 2019 13:46:31 GMT
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Yes it works! Thank you!

Subject: Re: Error Installation PandaRoot oct19 on Kronos
Posted by [Ralf Kliemt](#) on Thu, 21 Nov 2019 02:12:00 GMT

Hello,

The issue seems to be a too old version of CMake. FairSoft builds its own CMake in that case, which is not known to your shell by default. Just use the `$SIMPATH/bin/cmake` and it should work just fine.

Cheers!

Ralf
