
Subject: Re: Installing external packages failed
Posted by [therlen](#) on Thu, 28 May 2020 09:50:44 GMT
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Hello, me again

I tried to re-install pandaroot:

```
export FAIRROOTPATH=/home/pandauser/FairRoot-v18.2/install (yes 'pandauser' is my local
username on the VM)
echo $SIMPATH
/home/pandauser/fairsoft_jun19/build/
```

```
mkdir pandaroot
cd pandaroot
git clone https://git.panda.gsi.de/PandaRootGroup/PandaRoot.git ./source
cd ~/pandaroot/source
git checkout -b oct19 oct19
mkdir ../build
cd ../build
cmake ../source (there is no other cmake @home/pandauser/fairsoft_jun19/build/bin)
```

Quote:

```
-- NOT Found FAIRBASE
-- Setting FairRoot environment...
-- FairRoot ... - found /home/pandauser/FairRoot-v18.2/install
-- FairRoot Library directory : /home/pandauser/FairRoot-v18.2/install/lib
-- FairRoot Include path... : /home/pandauser/FairRoot-v18.2/install/include
-- FairRoot Cmake Modules :
/home/pandauser/FairRoot-v18.2/install/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
-- FindGSL: gsl-config not found.
-- Looking for Boost ...
SYSTEM_DIR1: /home/pandauser/fairsoft_jun19/build/include/root6;/home/pandauser/fairs
oft_jun19/build/include
ROOT_FOUND_VERSION = 61600
-- C++11 support found.
-- Checking for FairMultiLinkedData::PrintLinkInfo() function
-- FairMultiLinkedData has Print()
-- ROOT-Vc would be too new, compile the external legacy version.
Cleared directory 'external/vc'
Submodule 'external/vc' (https://github.com/VcDevel/Vc.git) unregistered for path 'external/vc'
Submodule 'external/vc' (https://github.com/VcDevel/Vc.git) registered for path 'external/vc'
Submodule path 'external/vc': checked out 'fbdcee6276a4864c1abd0c0cca3625c519c6a6d3'
```

Using PHOTOS.

-- starting genfit PANDAROOT

-- genfit for panda

CUDA_TOOLKIT_ROOT_DIR not found or specified

-- Could NOT find CUDA (missing: CUDA_TOOLKIT_ROOT_DIR

CUDA_NVCC_EXECUTABLE CUDA_INCLUDE_DIRS CUDA_CUDART_LIBRARY)

-- <MVA_INFO> Building MVA with multiClass.

Found TEve, so the eventdisplay will be compiled.

-- Configuring done

-- Generating done

-- Build files have been written to: /home/pandauser/pandaroot/build

make

I get a lot of errors like :

-> /usr/lib/gcc/x86_64-linux-gnu/9/include/smmmintrin.h:449:39: error: selector must be an integer constant in the range 0..3

```
449 |   return __builtin_ia32_vec_ext_v4si ((__v4si)__X, __N);
```

Seems to be my gcc..

Investigating !