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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/smmintrin.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 !