
Subject: Problems when installing PandaRoot
Posted by [Hang Qi](#) on Wed, 28 Oct 2020 11:52:38 GMT
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Hello everyone,

I tried to install PandaRoot(oct19) on a MacOS Catalina10.15.7 using the guide provided on the Wiki:

ROOT-6, FairSoft-jun19 and FairRoot-v18.2.0 are installed successfully (no error reported) although some output are not exactly same as that shown on the Wiki.

But I got some error when installing PandaRoot-oct19, following are the message I received:

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[xxxx] $ cmake ../source  
.br/>.br/>.br/>-- FairMultiLinkedData has Print()  
-- ROOT-Vc would be too new, compile the external legacy version.  
error: could not lock config file .git/modules/external/vc/config: No such file or directory  
warning: Could not unset core.worktree setting in submodule 'external/vc'  
Cleared directory 'external/vc'  
Submodule 'external/vc' (https://github.com/VcDevel/Vc.git) registered for path 'external/vc'  
Cloning into '/Users/lebron/Software/PANDA_Software/pandaroot/source/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: /Users/lebron/Software/PANDA_Software/pandaroot/build  
  
[xxxx] $ make  
.br/>.br/>.br/>In file included from  
/Users/lebron/Software/PANDA_Software/pandaroot/build/external/vc/src/vc  
-build/trigonometric_SSE4_1.cpp:20:  
In file included from  
/Users/lebron/Software/PANDA_Software/pandaroot/source/external/vc/include/Vc/Vc:22:  
In file included from  
/Users/lebron/Software/PANDA_Software/pandaroot/source/external/vc/include/Vc/vector.h:33:  
In file included from  
/Users/lebron/Software/PANDA_Software/pandaroot/source/external/vc/sse/vector.h:23:
```

```
/Users/lebron/Software/PANDA_Software/pandaroot/source/external/vc/sse/i
ntrinsics.h:507:13: error: argument to '__builtin_ia32_vec_ext_v4sf' must be a constant integer
  _MM_EXTRACT_FLOAT(f, v, i);
  ^~~~~~
/Applications/Xcode.app/Contents/Developer/Toolchains/XcodeDefault.xctoo
lchain/usr/lib/clang/12.0.0/include/smmintrin.h:876:11: note: expanded from macro
'_MM_EXTRACT_FLOAT'
{ (D) = __builtin_ia32_vec_ext_v4sf((__v4sf)(__m128)(X), (int)(N)); }
  ^~~~~~
```

1 error generated.

```
make[5]: *** [CMakeFiles/Vc.dir/trigonometric_SSE4_1.cpp.o] Error 1
make[4]: *** [CMakeFiles/Vc.dir/all] Error 2
make[3]: *** [all] Error 2
make[2]: *** [external/vc/src/vc-stamp/vc-build] Error 2
make[1]: *** [external/CMakeFiles/vc.dir/all] Error 2
make: *** [all] Error 2
```


did anybody meet this problem before? Look forward to your ideas.

Best Regards!
Hang
