
Subject: PandaRoot Oct19 failed to install

Posted by [Adeel Akram](#) on Wed, 20 Jan 2021 20:26:40 GMT

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Hello,

I am installing PandaRoot Oct19 (with fairsoft:jun19p1, fairroot:v18.2.0) and I encountered the following error. Never saw this in my previous installation (where I had fairsoft:jun19).

```
[ 1%] Built target vc
[ 2%] Built target DpmEvtGen
[ 3%] Built target PhotosFortran
[ 4%] Built target EMFFGEN
[ 5%] Built target Field
[ 6%] Built target Passive
[ 6%] Building NVCC (Device) object
tracking/SttCellTrackFinder/cuda/CMakeFiles/PndSttCellTrackFinderCuda.dir/PndSttCellTrack
FinderCuda_generated_trackletGenerator.cu.o
[ 7%] Built target FtfEvtGen
[ 7%] Generating G__helixpropagatorDict.cxx, G__helixpropagatorDict_rdict.pcm,
../../lib/libhelixpropagator.rootmap
nvcc fatal  : Value 'sm_21' is not defined for option 'gpu-architecture'
CMake Error at
PndSttCellTrackFinderCuda_generated_trackletGenerator.cu.o.Debug.cmake:223 (message):
  Error generating
```

```
/home/adeel/fair/pandaroot_ana/build-oct19/tracking/SttCellTrackFinder/cuda/CMakeFiles/Pnd
SttCellTrackFinderCuda.dir/./PndSttCellTrackFinderCuda_generated_trackletGenerator.cu.o
```

```
tracking/SttCellTrackFinder/cuda/CMakeFiles/PndSttCellTrackFinderCuda.dir/build.make:63:
recipe for target
'tracking/SttCellTrackFinder/cuda/CMakeFiles/PndSttCellTrackFinderCuda.dir/PndSttCellTrack
FinderCuda_generated_trackletGenerator.cu.o' failed
make[2]: ***
[tracking/SttCellTrackFinder/cuda/CMakeFiles/PndSttCellTrackFinderCuda.dir/PndSttCellTrack
FinderCuda_generated_trackletGenerator.cu.o] Error 1
[ 9%] Built target genfit
CMakeFiles/Makefile2:4019: recipe for target
'tracking/SttCellTrackFinder/cuda/CMakeFiles/PndSttCellTrackFinderCuda.dir/all' failed
make[1]: *** [tracking/SttCellTrackFinder/cuda/CMakeFiles/PndSttCellTrackFinderCuda.dir/all]
Error 2
make[1]: *** Waiting for unfinished jobs....
[ 9%] Built target LmdSensorAlignerTools
[ 11%] Built target PGen
[ 29%] Built target EvtGen
[ 32%] Built target genfit2
[ 38%] Built target PndData
Scanning dependencies of target helixpropagator
[ 38%] Building CXX object
tracking/HelixPropagator/CMakeFiles/helixpropagator.dir/PndHelixPropagator.cxx.o
```

```
[ 38%] Building CXX object
tracking/HelixPropagator/CMakeFiles/helixpropagator.dir/G__helixpropagatorDict.cxx.o
[ 38%] Linking CXX shared library ../../lib/libhelixpropagator.so
[ 38%] Built target helixpropagator
Makefile:140: recipe for target 'all' failed
make: *** [all] Error 2
```

Does anyone encountered anything like that.
