

## Software

OS: win7 Service Pack 1

Cmake (cmake-gui) Version: 3.12.0

PLC: PCL-1.7.2-AllInOne-win64

Visual studio 14 2015 Win64

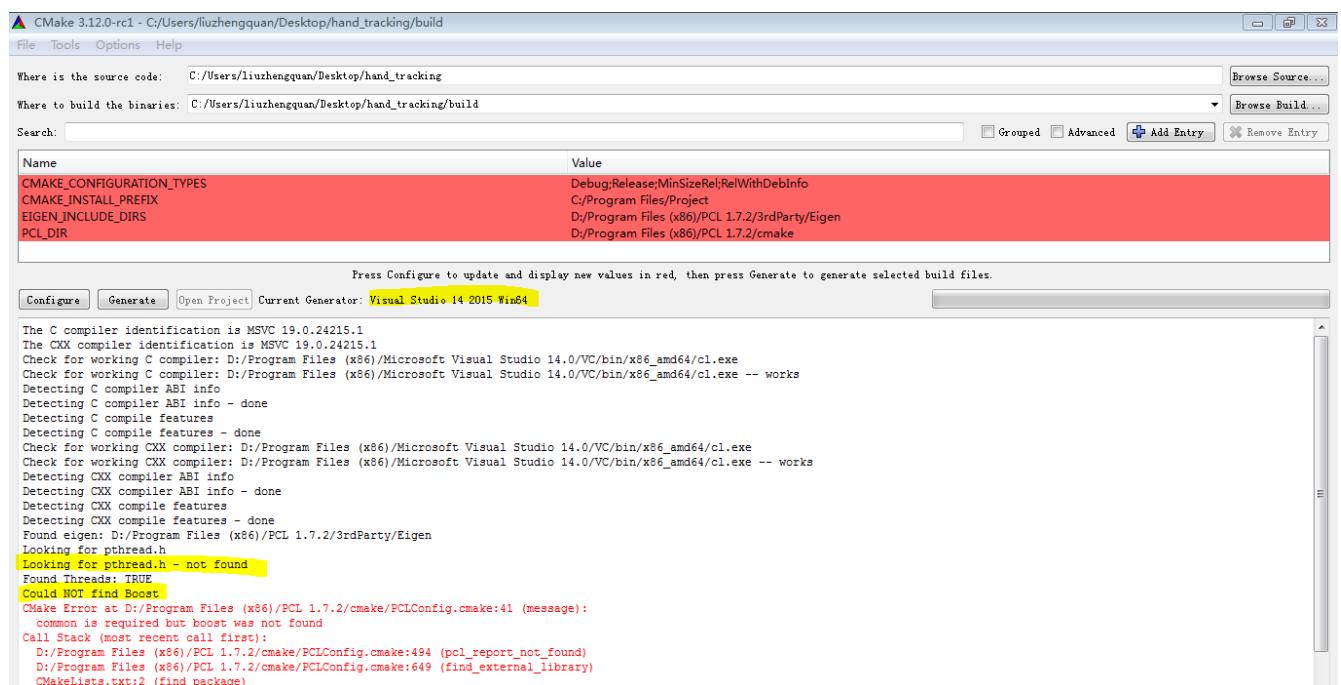
DemoApplications: TinTin, hand\_tracking

## Hardware

OPT8241-CDK-EVM

## Issue

When I used the cmake-gui to build the project, found issue as following:



The screenshot shows the CMake 3.12.0-rc1 interface. The configuration screen is displayed, showing the following settings:

| Name                      | Value   |
|---------------------------|---|
| CMAKE_CONFIGURATION_TYPES | Debug;Release;MinSizeRel;RelWithDebInfo         |
| CMAKE_INSTALL_PREFIX      | C:/Program Files/Project                        |
| EIGEN_INCLUDE_DIRS        | D:/Program Files (x86)/PCL 1.7.2/3rdParty/Eigen |
| PCL_DIR                   | D:/Program Files (x86)/PCL 1.7.2/cmake          |

Below the configuration screen, the log output shows the following:

```
Press Configure to update and display new values in red, then press Generate to generate selected build files.
Configure Generate Open Project Current Generator: Visual Studio 14 2015 Win64

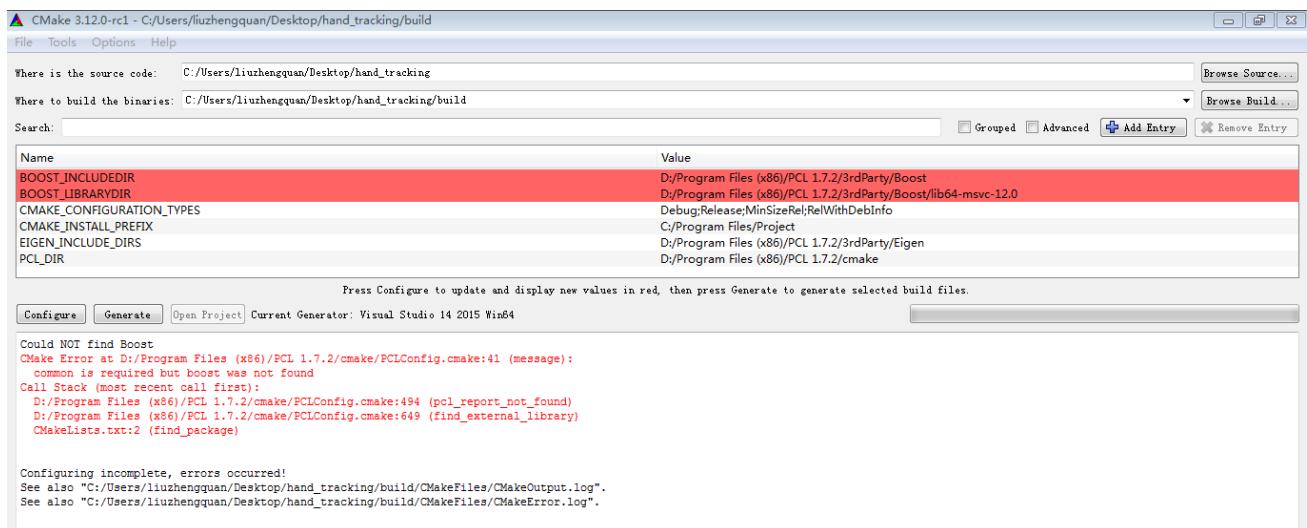
The C compiler identification is MSVC 19.0.24215.1
The CXX compiler identification is MSVC 19.0.24215.1
Check for working C compiler: D:/Program Files (x86)/Microsoft Visual Studio 14.0/VC/bin/x86_amd64/cl.exe
Check for working C compiler: D:/Program Files (x86)/Microsoft Visual Studio 14.0/VC/bin/x86_amd64/cl.exe -- works
Detecting C compiler ABI info
Detecting C compiler ABI info - done
Detecting C compile features
Detecting C compile features - done
Check for working CXX compiler: D:/Program Files (x86)/Microsoft Visual Studio 14.0/VC/bin/x86_amd64/cl.exe
Check for working CXX compiler: D:/Program Files (x86)/Microsoft Visual Studio 14.0/VC/bin/x86_amd64/cl.exe -- works
Detecting CXX compiler ABI info
Detecting CXX compiler ABI info - done
Detecting CXX compile features
Detecting CXX compile features - done
Found eigen: D:/Program Files (x86)/PCL 1.7.2/3rdParty/Eigen
Looking for pthread.h
Looking for pthread.h - not found
Found Threads: TRUE
Could NOT find Boost
CMake Error at D:/Program Files (x86)/PCL 1.7.2/cmake/PCLConfig.cmake:41 (message):
  common is required but boost was not found
Call Stack (most recent call first):
  D:/Program Files (x86)/PCL 1.7.2/cmake/PCLConfig.cmake:494 (pcl_report_not_found)
  D:/Program Files (x86)/PCL 1.7.2/cmake/PCLConfig.cmake:649 (find_external_library)
  CMakeLists.txt:2 (find_package)
```

Could NOT find Boost

According to [github.com/3dt0f/voxelsdk/wiki/Build-from-source-on-Windows](https://github.com/3dt0f/voxelsdk/wiki/Build-from-source-on-Windows) mentioned:

If it could not find Boost,

1. add entry 'BOOST\_LIBRARYDIR' of type 'PATH' and set it to ... /PCL-1.7.2/3rdParty/Boost/lib64-msvc-12.0
2. set 'BOOST\_INCLUDEDIR' of type 'PATH' to ... /PCL-1.7.2/3rdParty/Boost



But it still didn't work, could you give some ideas to fix it?

Thanks!