

How to compile ?

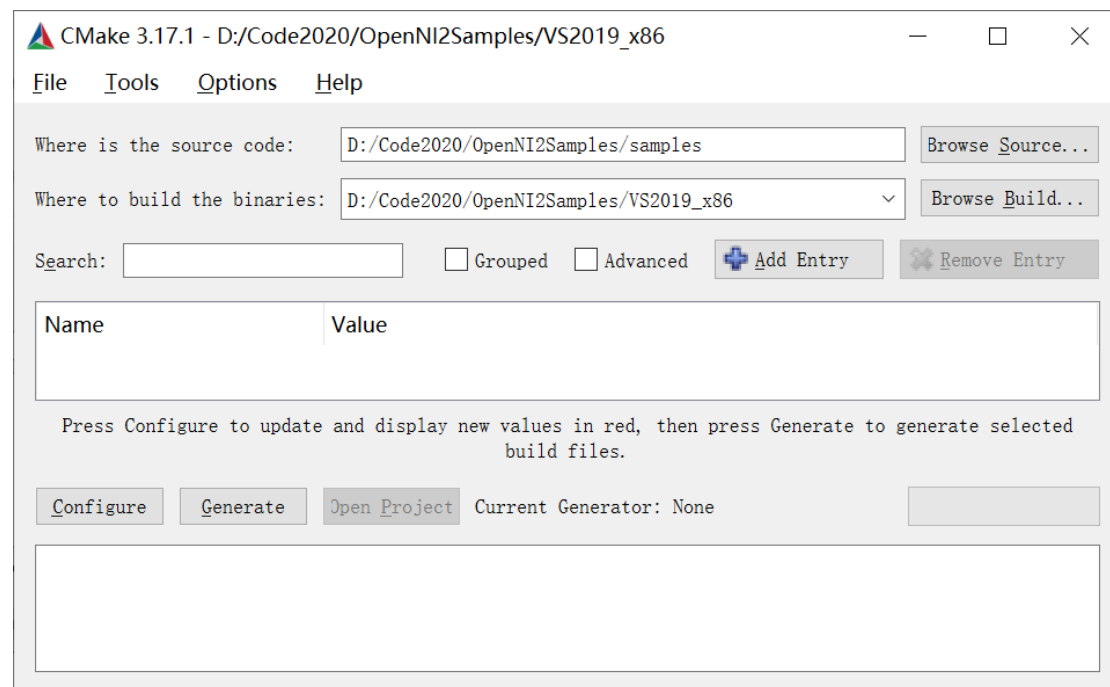
We use cmake compile demo program, support windows and linux platfroms.

1,windows

1.1)We use cmake to generate vs2019 x86 project ,you first need to install


cmake and vs2019, and then open cmake, set the source path ,set

code path and build bin path.As shown below:



1.2)click configure,and select visual studio 16 2019, win32;As shown below:

? ×

← 

Specify the generator for this project

Visual Studio 16 2019

Optional platform for generator(if empty, generator uses: x64)

win32

Optional toolset to use (argument to -T)

☒ Use default native compilers


☐ Specify native compilers

☐ Specify toolchain file for cross-compiling

☐ Specify options for cross-compiling

Finish Cancel

1.3)configure successfully.

 CMake 3.17.1 - D:/Code2020/OpenNI2Samples/VS2019_x86

File Tools Options Help

Where is the source code: D:/Code2020/OpenNI2Samples/samples Browse Source...

Where to build the binaries: D:/Code2020/OpenNI2Samples/VS2019_x86 Browse Build...

Search: ☐ Grouped ☐ Advanced **+ Add Entry** **- Remove Entry**

Name

CMAKE CONFIGURATION TYPES

< >

Press Configure to update and display new values in red, then press Generate to generate selected build files.

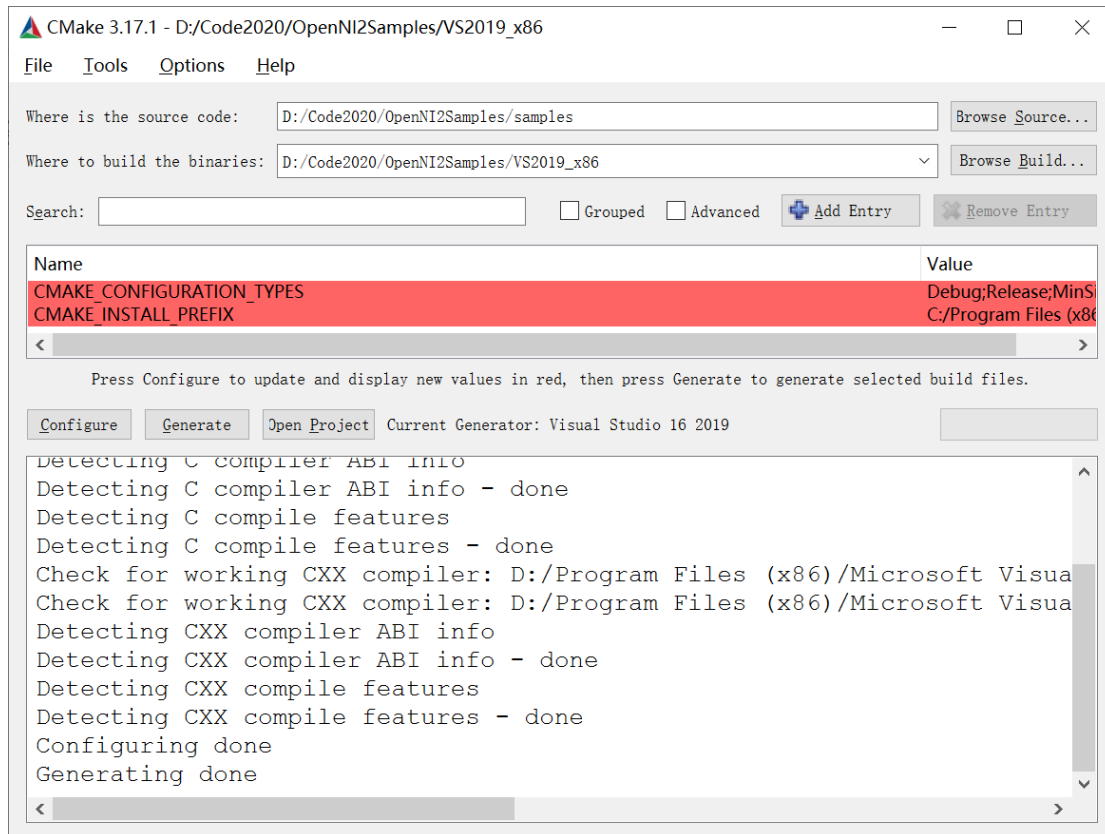
Configure **Generate** **Open Project** Current Generator: Visual Studio 16 2019

The C compiler identification is MSVC 19.24.28319.0

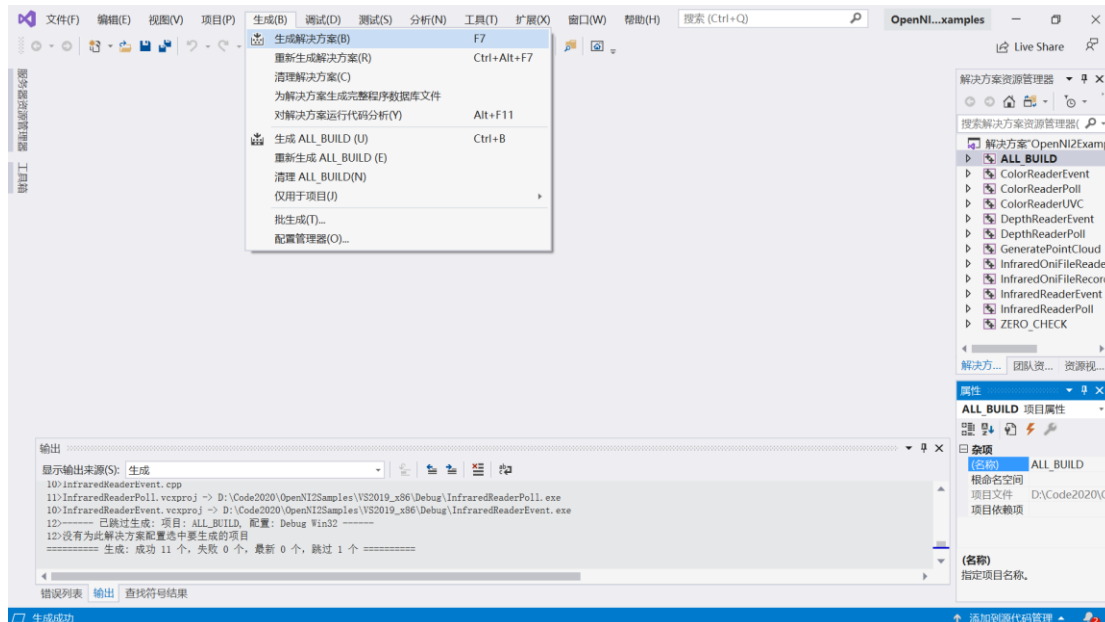
The CXX compiler identification is MSVC 19.24.28319.0

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1.4)Click Generate



1.5) compile samples using VS2019



1.6) copy files bin_x86 to Debug or Release directory. If you generate x64 project, you should copy bin_x64 files to Debug or Release directory.

» Code2020 » OpenNI2Samples » VS2019_x86 » Debug				
名称	修改日期	类型	大小	
DepthReaderPoll.ilk	2020/5/8 15:31	Incremental Linker ...	578 KB	
DepthReaderPoll.pdb	2020/5/8 15:31	Program Debug Da...	692 KB	
GeneratePointCloud.exe	2020/5/8 15:31	应用程序	71 KB	
GeneratePointCloud.ilk	2020/5/8 15:31	Incremental Linker ...	679 KB	
GeneratePointCloud.pdb	2020/5/8 15:31	Program Debug Da...	892 KB	
InfraredOniFileReader.exe	2020/5/8 15:31	应用程序	61 KB	
InfraredOniFileReader.ilk	2020/5/8 15:31	Incremental Linker ...	577 KB	
InfraredOniFileReader.pdb	2020/5/8 15:31	Program Debug Da...	692 KB	
InfraredOniFileRecorder.exe	2020/5/8 15:31	应用程序	72 KB	
InfraredOniFileRecorder.ilk	2020/5/8 15:31	Incremental Linker ...	714 KB	
InfraredOniFileRecorder.pdb	2020/5/8 15:31	Program Debug Da...	924 KB	
InfraredReaderEvent.exe	2020/5/8 15:31	应用程序	62 KB	
InfraredReaderEvent.ilk	2020/5/8 15:31	Incremental Linker ...	594 KB	
InfraredReaderEvent.pdb	2020/5/8 15:31	Program Debug Da...	692 KB	
InfraredReaderPoll.exe	2020/5/8 15:31	应用程序	61 KB	
InfraredReaderPoll.ilk	2020/5/8 15:31	Incremental Linker ...	578 KB	
InfraredReaderPoll.pdb	2020/5/8 15:31	Program Debug Da...	692 KB	
opencv_calib3d2413.dll	2016/12/17 15:28	应用程序扩展	858 KB	
opencv_calib3d2413d.dll	2016/12/17 15:30	应用程序扩展	1,852 KB	
opencv_core2413.dll	2016/12/17 15:27	应用程序扩展	1,967 KB	
opencv_core2413d.dll	2016/12/17 15:29	应用程序扩展	3,466 KB	
opencv_highgui2413.dll	2016/12/17 15:28	应用程序扩展	1,939 KB	
opencv_highgui2413d.dll	2016/12/17 15:30	应用程序扩展	3,735 KB	
opencv_imgproc2413.dll	2016/12/17 15:28	应用程序扩展	1,698 KB	
opencv_imgproc2413d.dll	2016/12/17 15:29	应用程序扩展	3,154 KB	
OpenNI.ini	2019/5/5 13:46	配置设置	1 KB	
OpenNI2.dll	2019/5/13 16:40	应用程序扩展	233 KB	
OpenNI2.lib	2019/5/13 16:39	Object File Library	15 KB	

1.7) run executable files.

2,Linux

2.1)install CMake

Sudo apt-get install cmake

2.2)go to samples path

cd OpenNI2Samples

mkdir build

cd build

cmake ../samples

make