The following CMake invocation with the Visual Studio:$ mkdir -p build$ cd build$ cmake .. -G"Visual Studio 12 2017 Win64" -D CMAKE\_CONFIGURATION\_TYPES="Release;Debug"will generate a build tree for both the Release and Debug configuration. You can then decide which of the two to build by using the --config flag:$ cmake --build . --config ReleaseWhen developing code with single-configuration generators, create separate build directories for the Release and Debug build types, both configuring the same source. With this, you can switch between the two without triggering a full reconfiguration and recompilation.