**Configure YAML**

Download Link:

yaml：[GitHub - jbeder/yaml-cpp: A YAML parser and emitter in C++](https://github.com/jbeder/yaml-cpp)[1]

CMAKE: https://cmake.org/download/

1. Install CMAKE

图形用户界面, 文本, 应用程序, 电子邮件, 网站

描述已自动生成

图形用户界面, 文本, 应用程序, 电子邮件

描述已自动生成

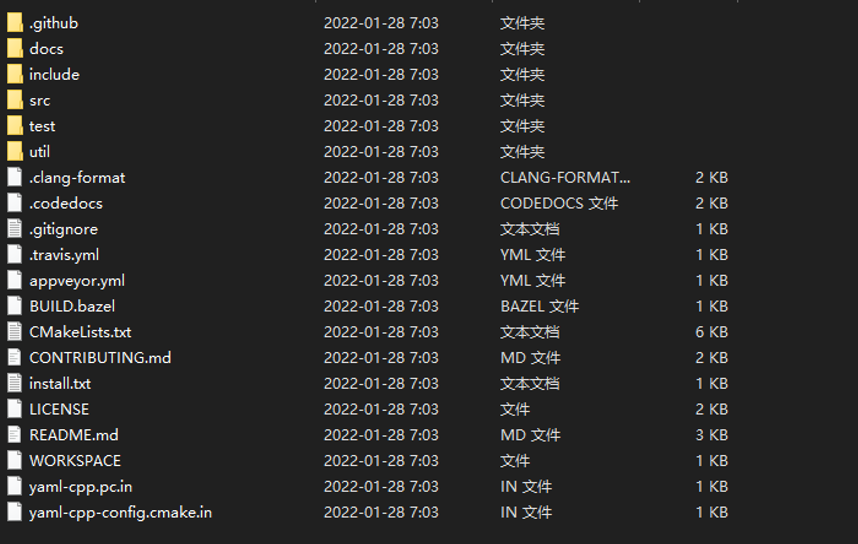
Check Add CMAKE to your system path

After the installation is completed and the computer is restarted, open the cmd black window and enter “cmake”. If some information about cmake is displayed, the installation is successful, as shown below

文本

描述已自动生成

1. Log in to the yaml website [1], download the source code and unzip it



1. Start Build yaml: Create a build folder in the path where the source code is located, open CMAKE, and select the SORCE CODE path and BUILD path respectively, as shown below

图形用户界面, 应用程序

描述已自动生成

Then click the Configure button below and wait for completion. Select the corresponding VS compiler version. The author is VS2019. When Configuring done appears, it is successful.

图形用户界面, 文本

描述已自动生成

Next, select **YAML\_CPP\_BUILD\_SHARED\_LIB**, create a new lib folder in the yaml-cpp-master/ directory and change the **CMAKE\_INSTALL\_PREFIX** item to the newly created lib directory (not necessary, just for management convenience). Click Generate and “Generating done” will appear.

图形用户界面, 文本, 应用程序, 电子邮件

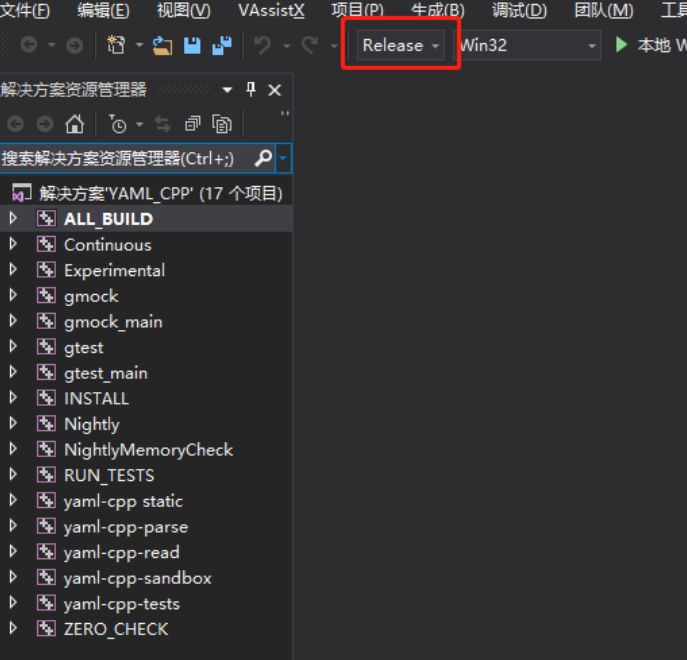
描述已自动生成

You can see that the corresponding make results appear in the build folder.

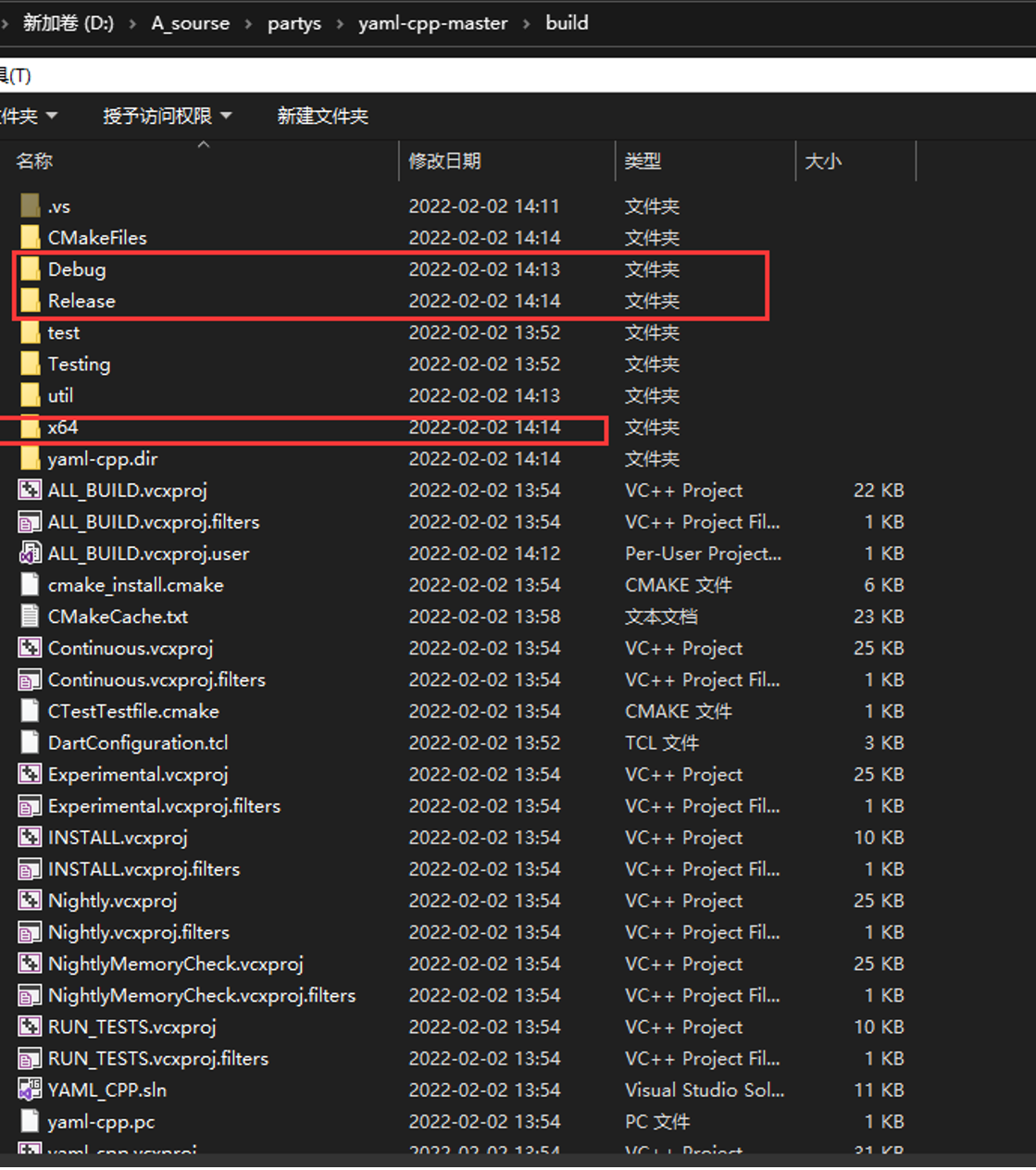
电子设备的屏幕

描述已自动生成

Next click Open Project, open VS, and then use Debug mode and Release mode to generate projects.



You can see the generated folder:



You can see that **yaml-cpp.lib** in the Release folder marks the completion of Build.

截图里有图片

描述已自动生成

1. Use the yaml-cpp library: Copy the include directory of the yaml-cpp you just downloaded to the VS project

电脑萤幕画面

描述已自动生成

**Perform project configuration**: The following shows the configuration in DEBUG mode. The operation in release mode is basically the same.

Copy the generated lib file to the new lib folder,

图片包含 图形用户界面

描述已自动生成

Copy the dll file to the VS project directory (directory where \*.vcxproj is located)

电脑软件截图

描述已自动生成

Next, configure the project properties of VS, **Linker**-**General**-**Additional Library Directory**, select the lib folder, and input “yaml-cppd.lib” in **linker**-**inpu**t; **C++ General**-**Additional Include Directory**: Select the path where the Include folder of YAML is located

5. Complete the yaml configuration and add yaml.h to the header file to complete the configuration.

