Principles and Practices of Microcontroller (Embedded System Design I) -Software and tool chain

Gang Chen (陈刚)

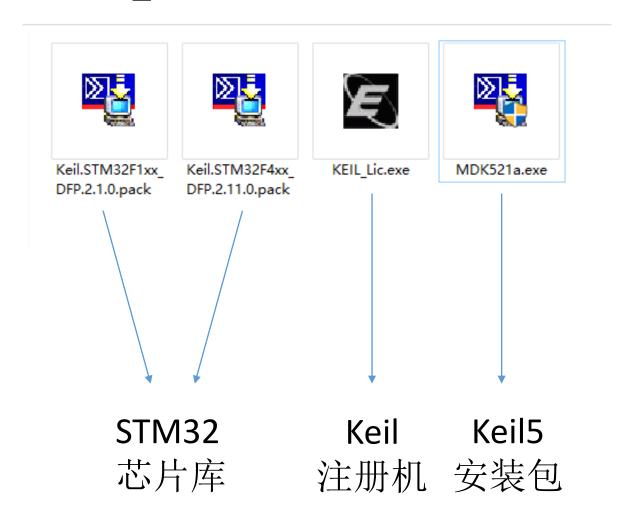


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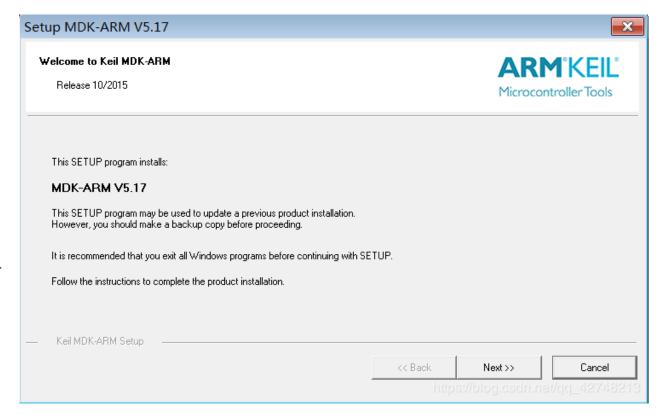
https://www.usilab.cn/team/chengang/

• STM32F103C8T6_EXAMPLE

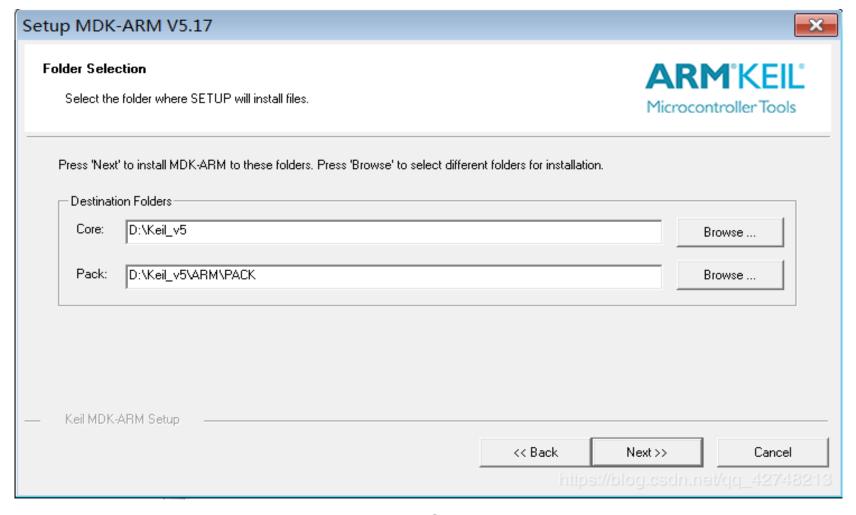




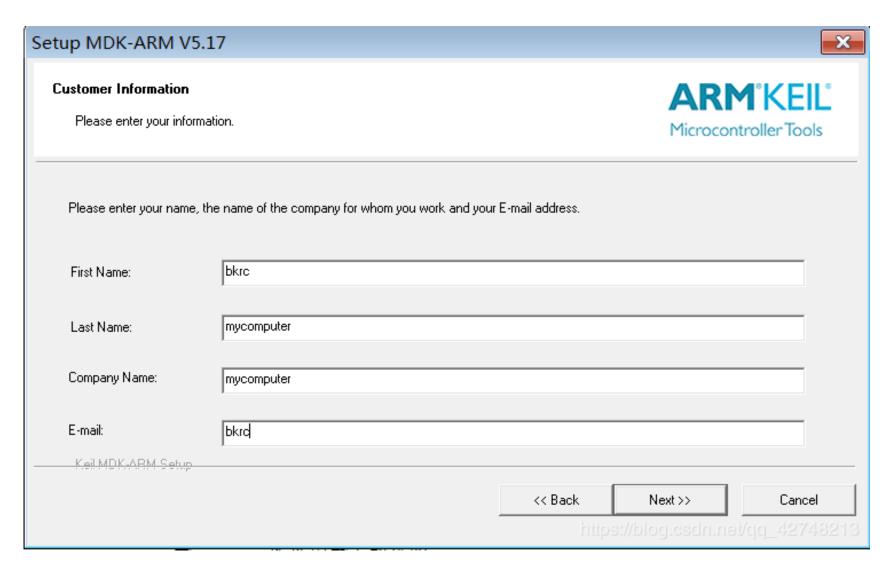
双击安装文件



路径选择

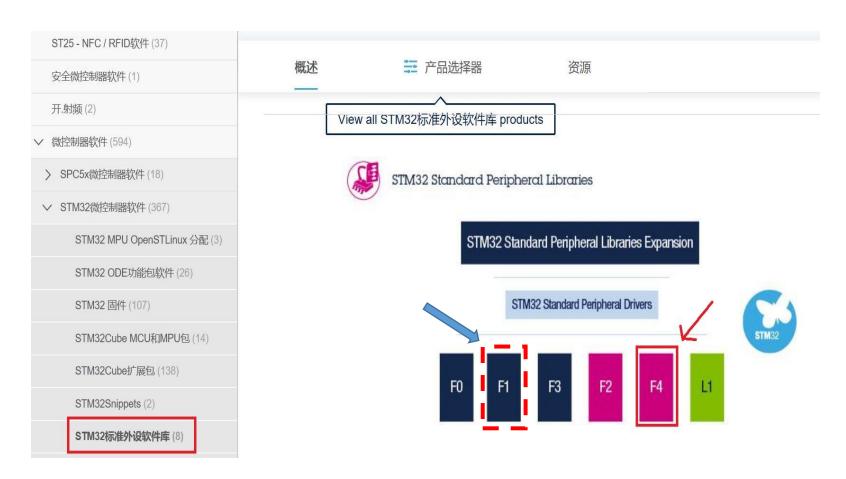


邮箱、用户名等任意填写

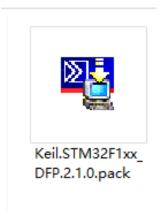


器件库的安装

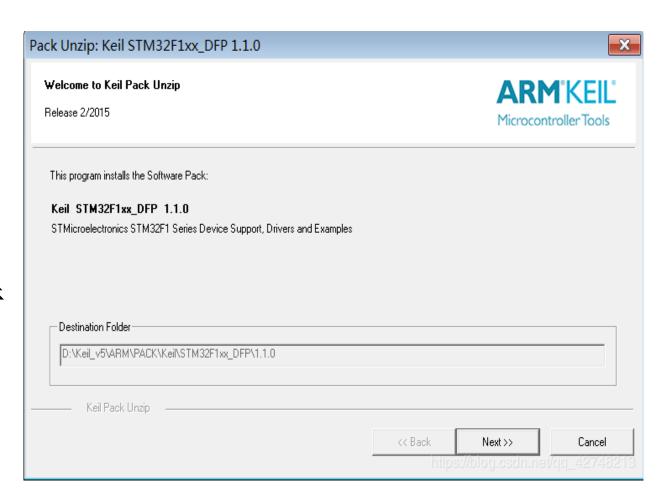
• https://www.stmicroelectronics.com.cn/zh/embedded-software/stm32-standard-peripheral-libraries.html



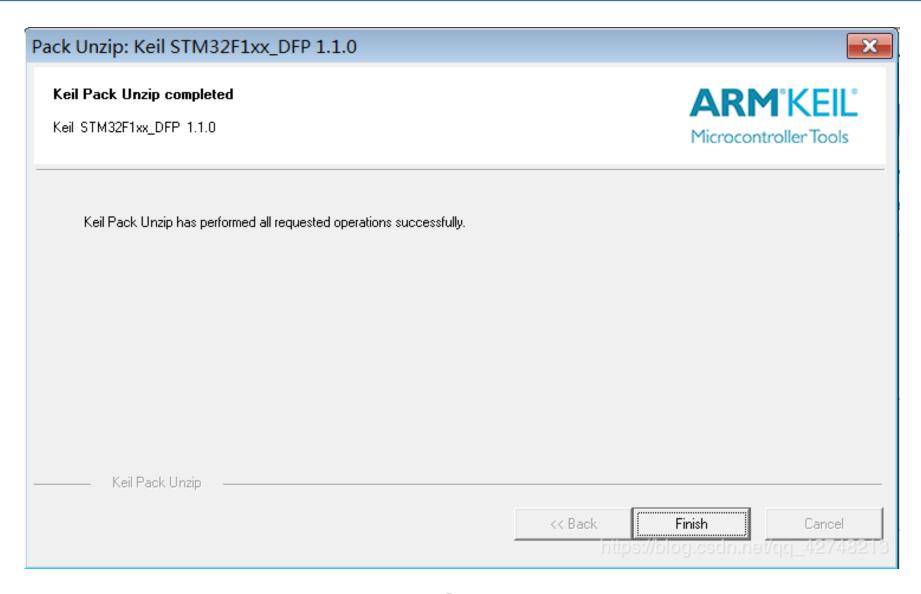
器件库的安装

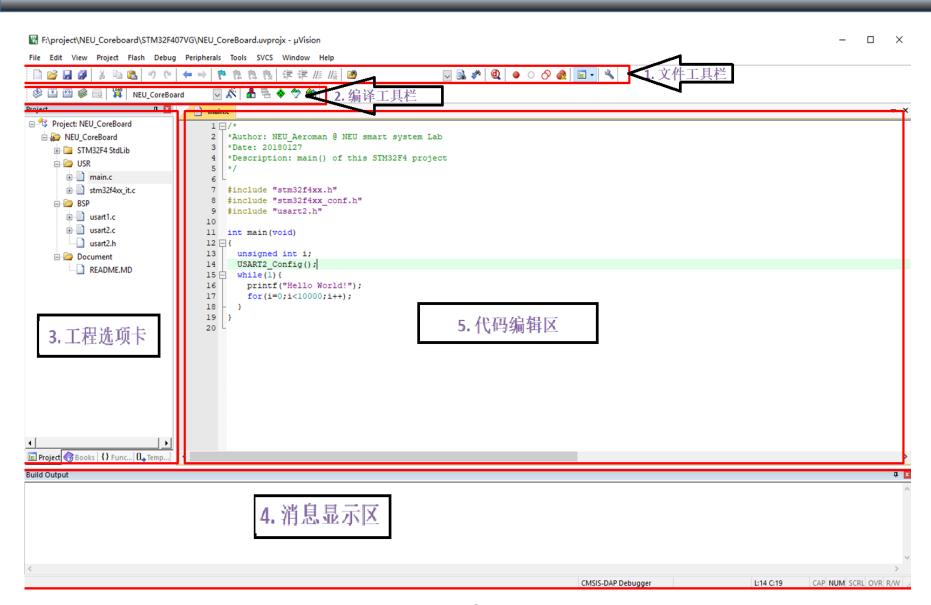


双击安装文件



器件库的安装

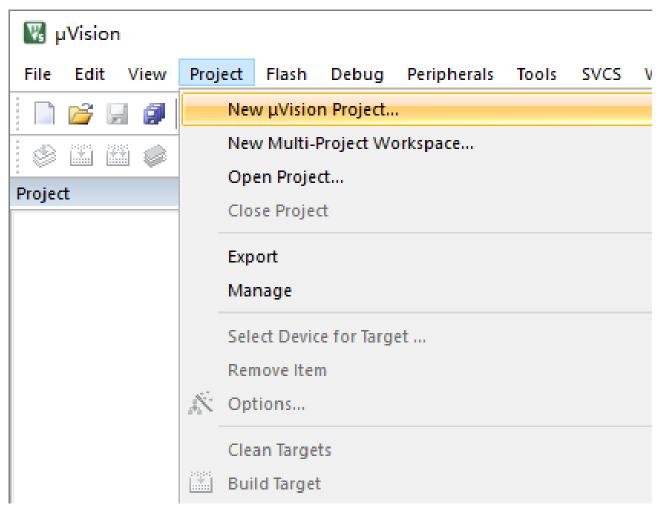




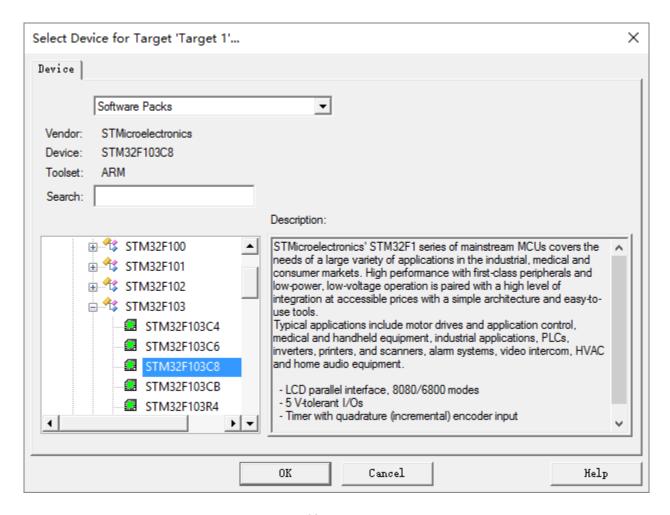
新建工程之前,创建一个文件夹,如STM32F1,并在该文件夹下创建project文件夹。 (选择路径时不要包含中文或者其他特殊字符)

多改日期	类型
多改日期	类型
1	
2019/12/6 14:38	文件夹
2	019/12/6 14:38

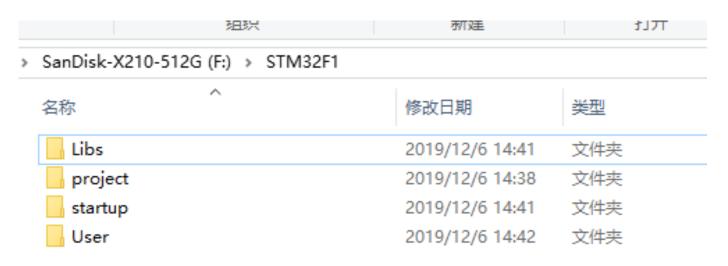
·新建工程,在project子文件夹下保存。

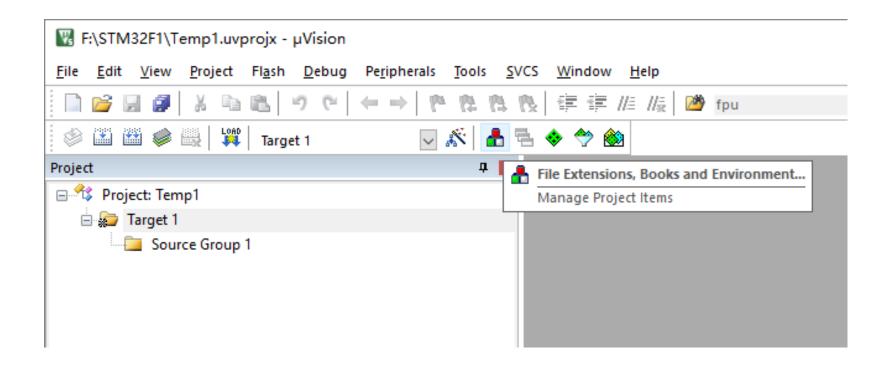


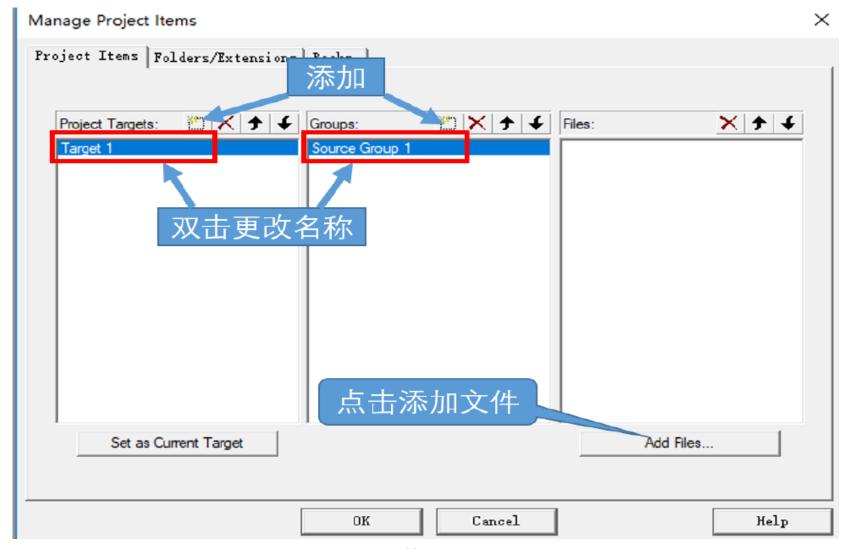
•选择设备(STM32F103C8)

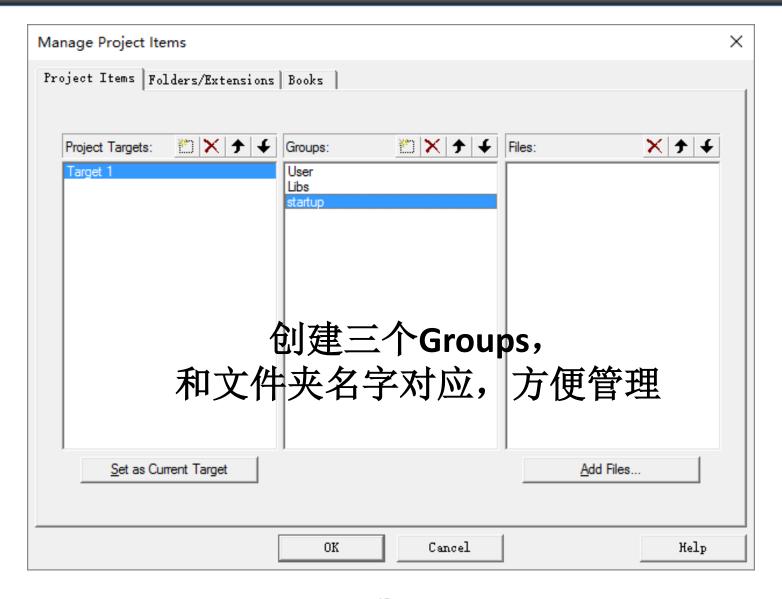


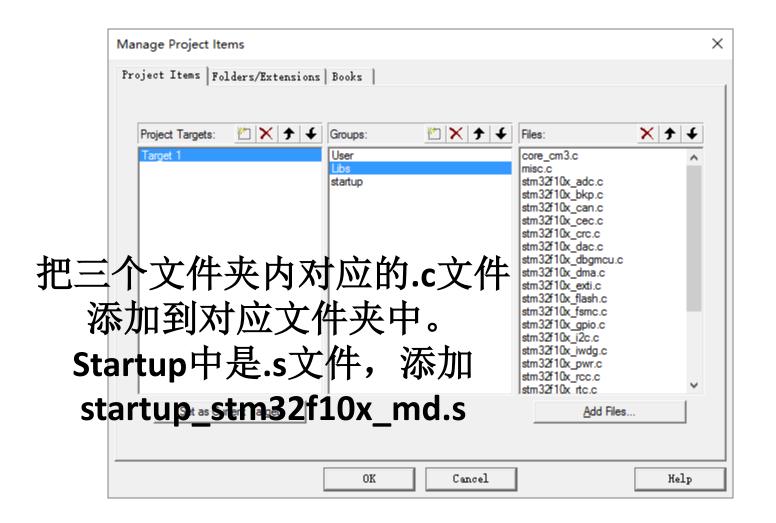
- 创建完成后,
- •在路径下新建三个文件夹:
- ·User(存放用户常用文件)
- ·Libs (存放库文件)
- ·Startup(存放启动文件)

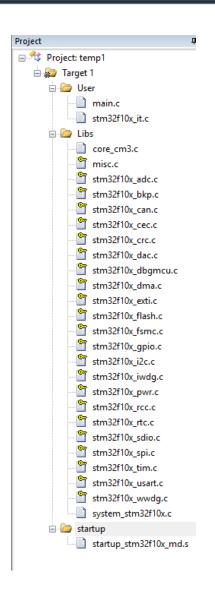




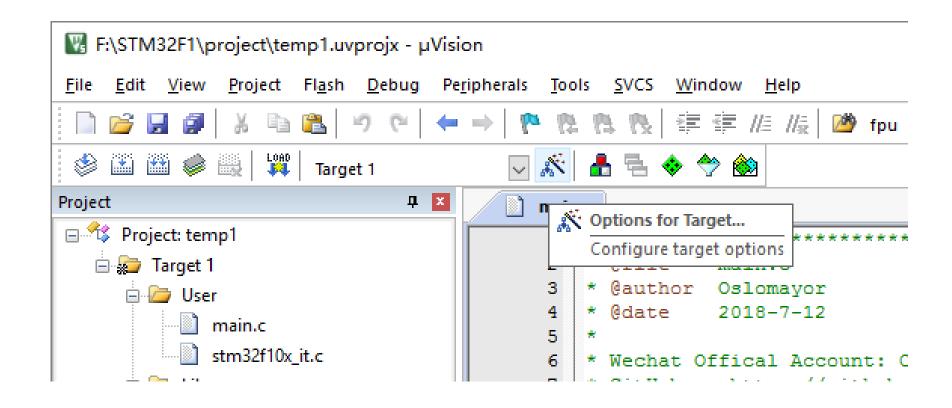


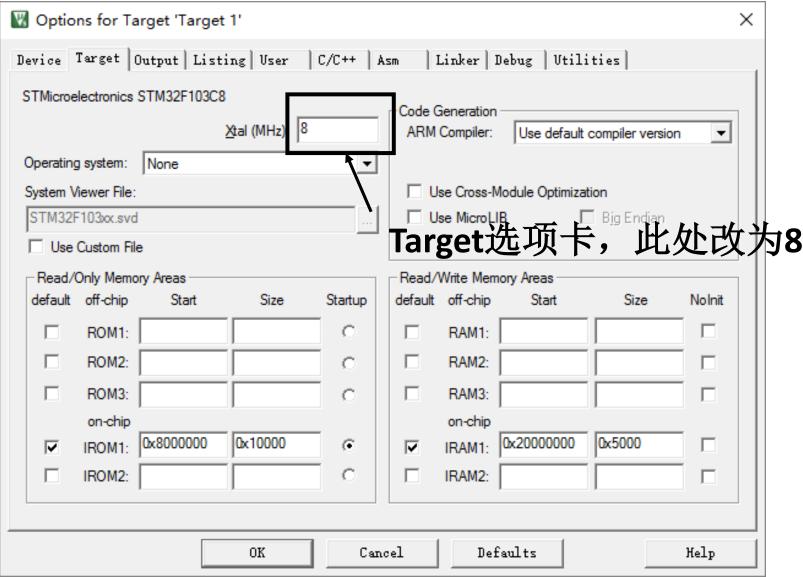






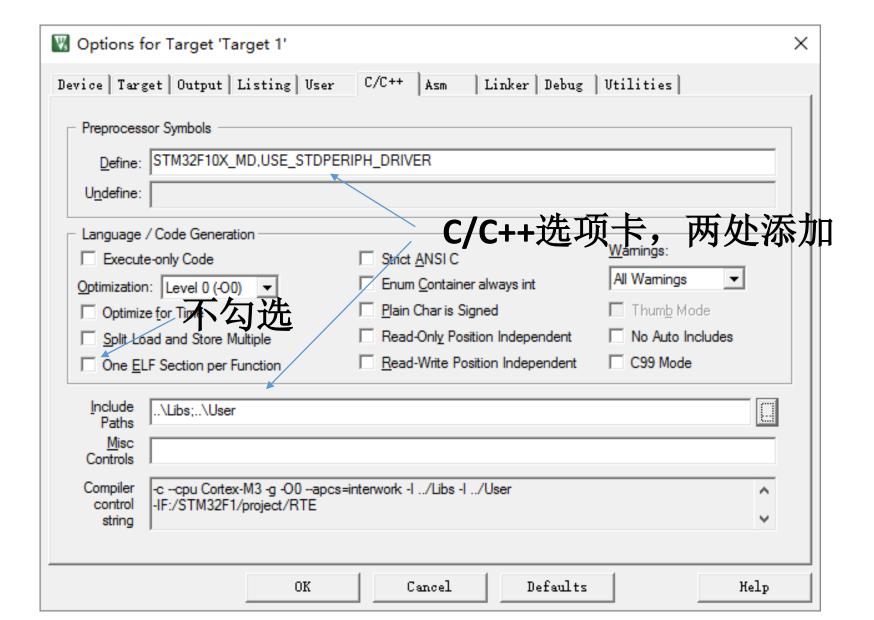
可以在左侧Project栏中, 看到已经添加的文件。



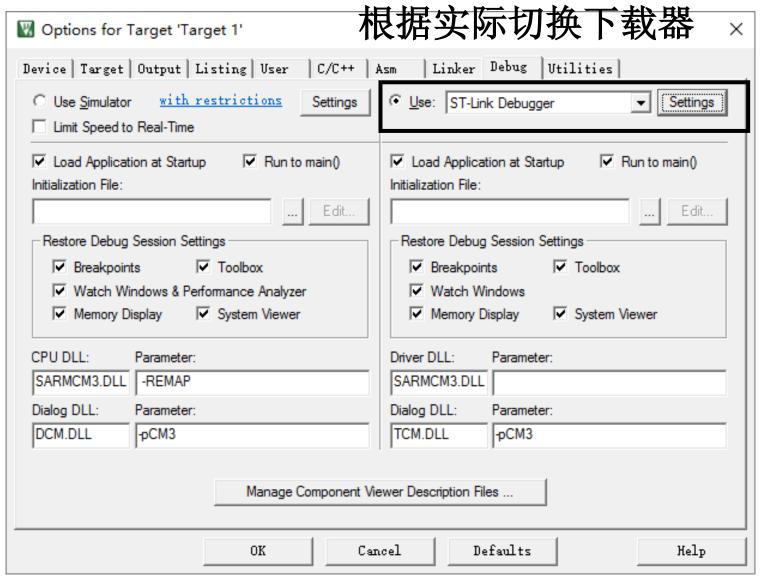


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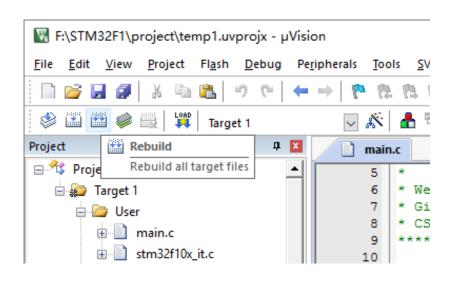




Debug选项卡,



经过以上步骤后, 点击Rebuild进行编译, 0 error(s)说明通过



Build Output

```
compiling stm32f10x_usart.c...
compiling system_stm32f10x.c...
compiling stm32f10x_tim.c...
linking...
Program Size: Code=2712 RO-data=268 RW-data=40 ZI-(
FromELF: creating hex file...
".\Objects\temp1.axf" - 0 Error(s), 1 Warning(s).
Build Time Elapsed: 00:00:04
```