

一. 下载 codeblocks

1. 如果是 windows OS, 在网站: <http://www.codeblocks.org/downloads/26>, 选择 “codeblocks-17.12mingw-setup.exe”, 如下图

 Windows XP / Vista / 7 / 8.x / 10:

File	Date	Download from
codeblocks-17.12-setup.exe	30 Dec 2017	FossHUB or Sourceforge.net
codeblocks-17.12-setup-nonadmin.exe	30 Dec 2017	FossHUB or Sourceforge.net
codeblocks-17.12-nosetup.zip	30 Dec 2017	FossHUB or Sourceforge.net
codeblocks-17.12mingw-setup.exe	30 Dec 2017	FossHUB or Sourceforge.net
codeblocks-17.12mingw-nosetup.zip	30 Dec 2017	FossHUB or Sourceforge.net
codeblocks-17.12mingw_fortran-setup.exe	30 Dec 2017	FossHUB or Sourceforge.net

NOTE: The codeblocks-17.12-setup.exe file includes Code::Blocks with all plugins. The codeblocks-17.12-setup-nonadmin.exe file is provided for convenience to users that do not have administrator rights on their machine(s).

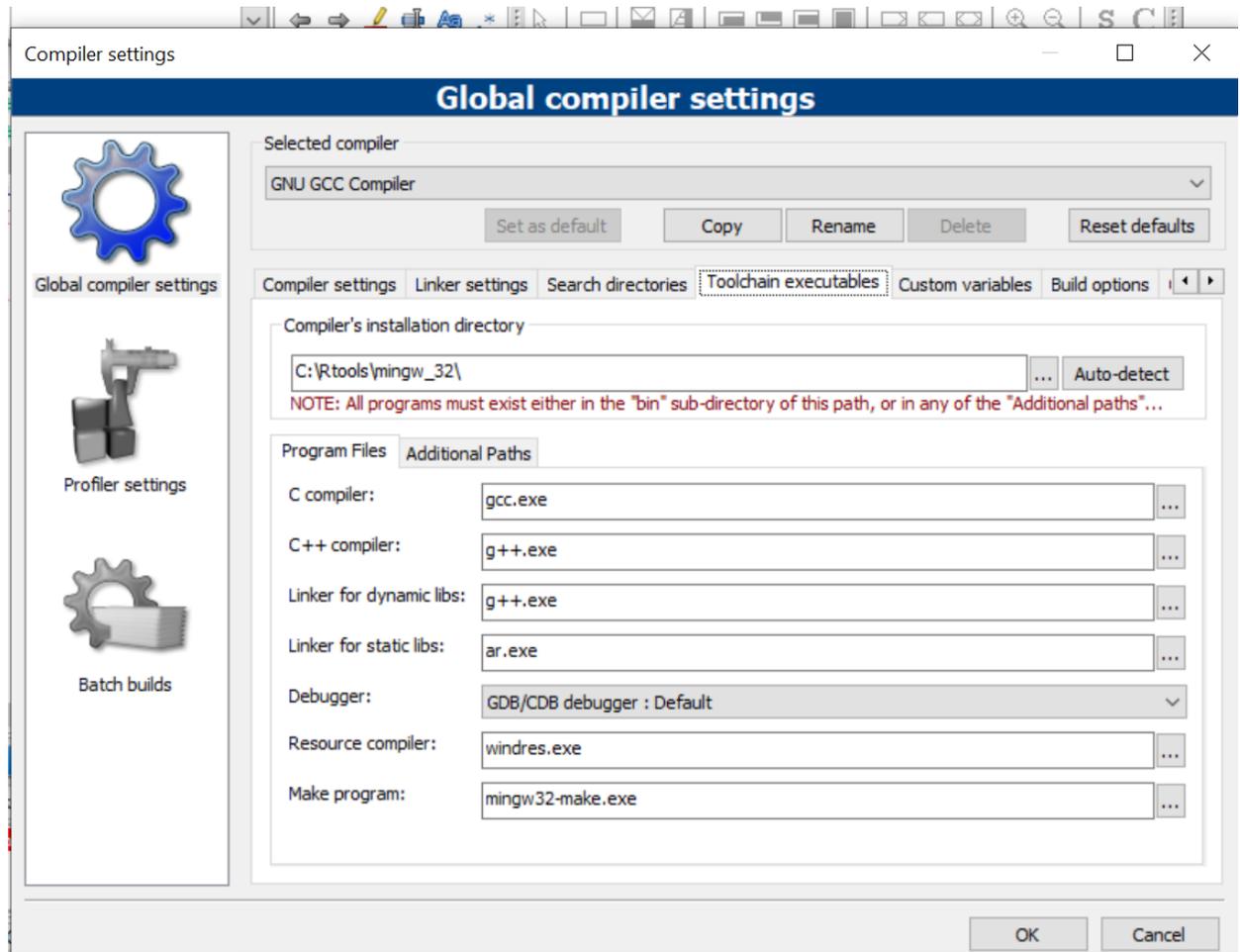
NOTE: The codeblocks-17.12mingw-setup.exe file includes *additionally* the GCC/G++ compiler and GDB debugger from **TDM-GCC** (version 5.1.0, 32 bit, SJLJ). The codeblocks-17.12mingw_fortran-setup.exe file includes *additionally to that* the GFortran compiler (**TDM-GCC**).

NOTE: The codeblocks-17.12(mingw)-nosetup.zip files are provided for convenience to users that are allergic against installers. However, it will not allow to select plugins / features to install (it includes everything) and not create any menu shortcuts. For the "installation" you are on your own.

If unsure, please use codeblocks-17.12mingw-setup.exe!

当然也可以选择其他的, 比如 “codeblocks-17.12-setup.exe”, 但没有自带 gcc, 需要自己安装 gcc, 并自己设置路径。如果自己设置路径, 在 codeblocks 界面选择 “Settings”, 点击 “Compiler”, 在 “Toolchain executables” 界面设置如下图 (我这里选择的是 Rtools 里的 mingw_32, Rtools 是 R 语言的一个工具包, 用来 compile 外部

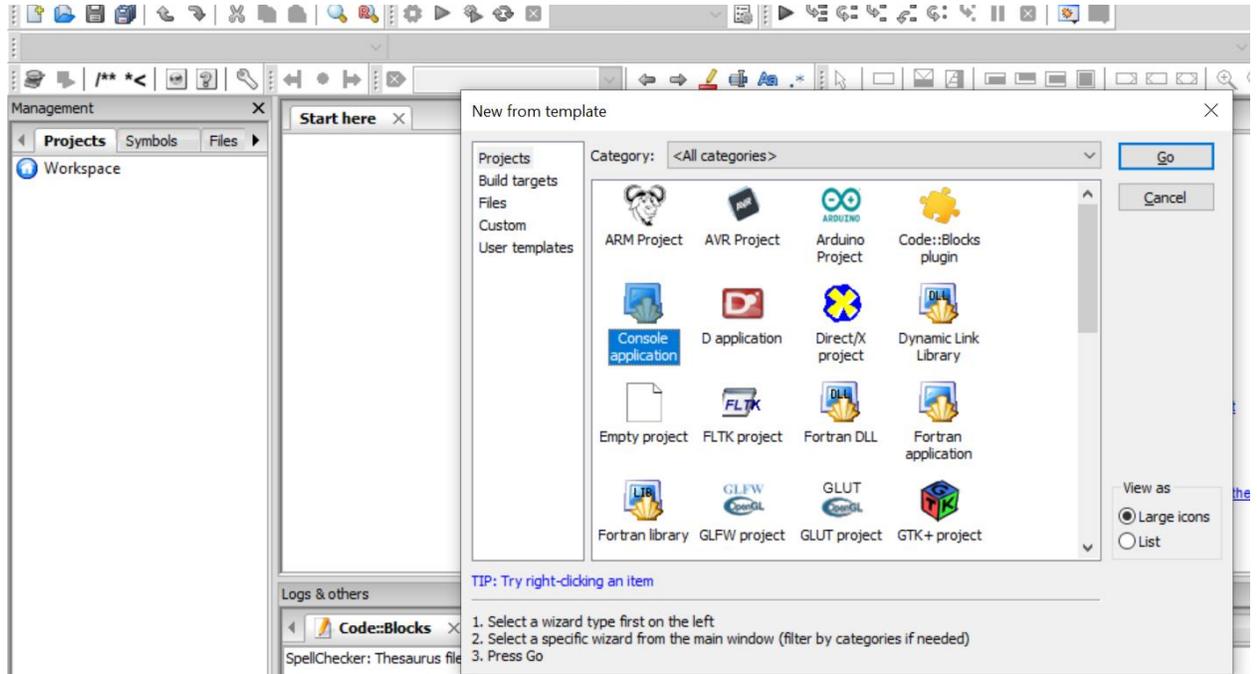
语言（如 C/C++, Fortran 等）的工具）



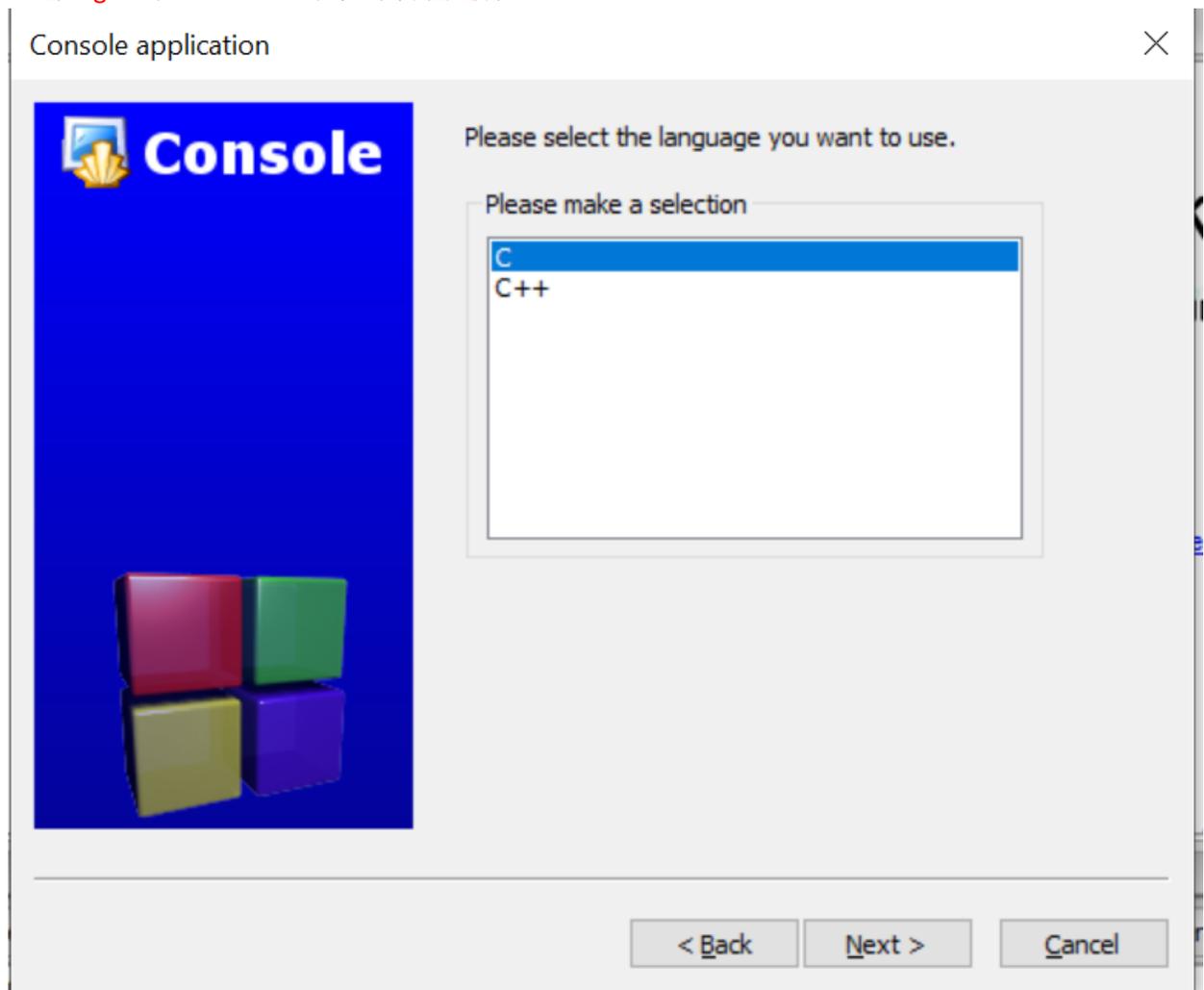
如果是 Mac OS，进入网站：<http://www.codeblocks.org/downloads/26>，直接下载安装即可。

二. 创建第一个项目

1. 点击“File -> New -> Project”，选择“Console application”，如果下图



点击“go”和“next”，在如下界面选择 C



点击“next”，在如下界面输入项目名称“Project title”和项目路径，点击“next”

Console application ×



Please select the folder where you want the new project to be created as well as its title.

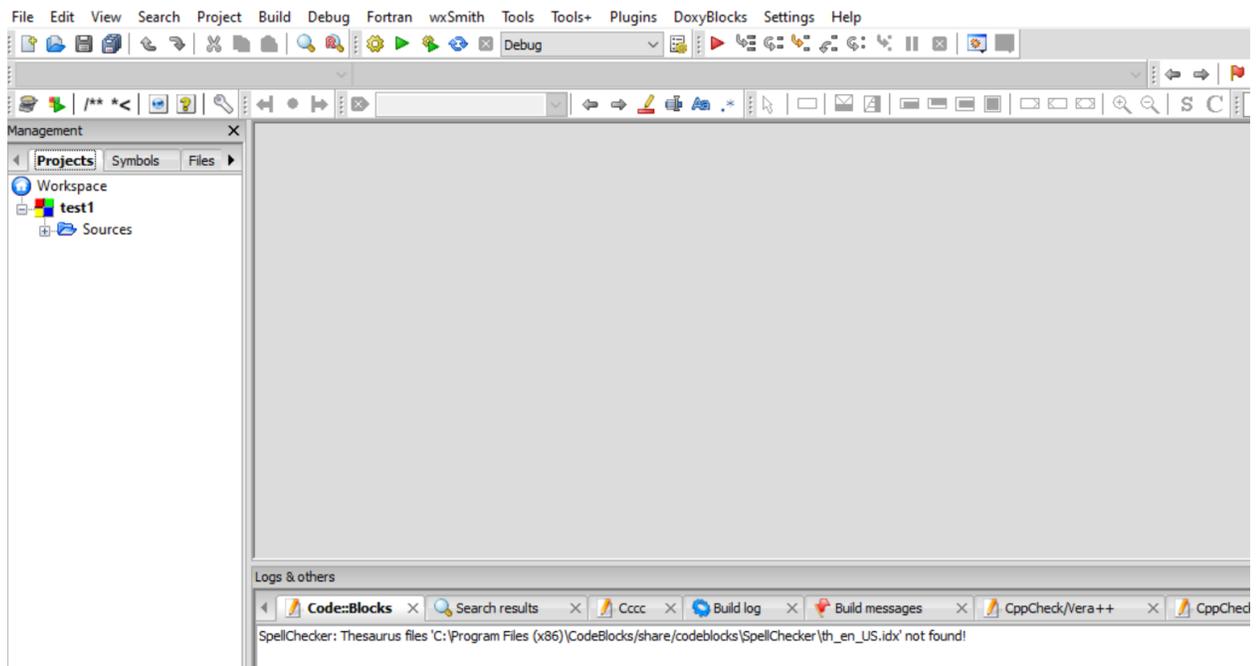
Project title:

Folder to create project in:
 ...

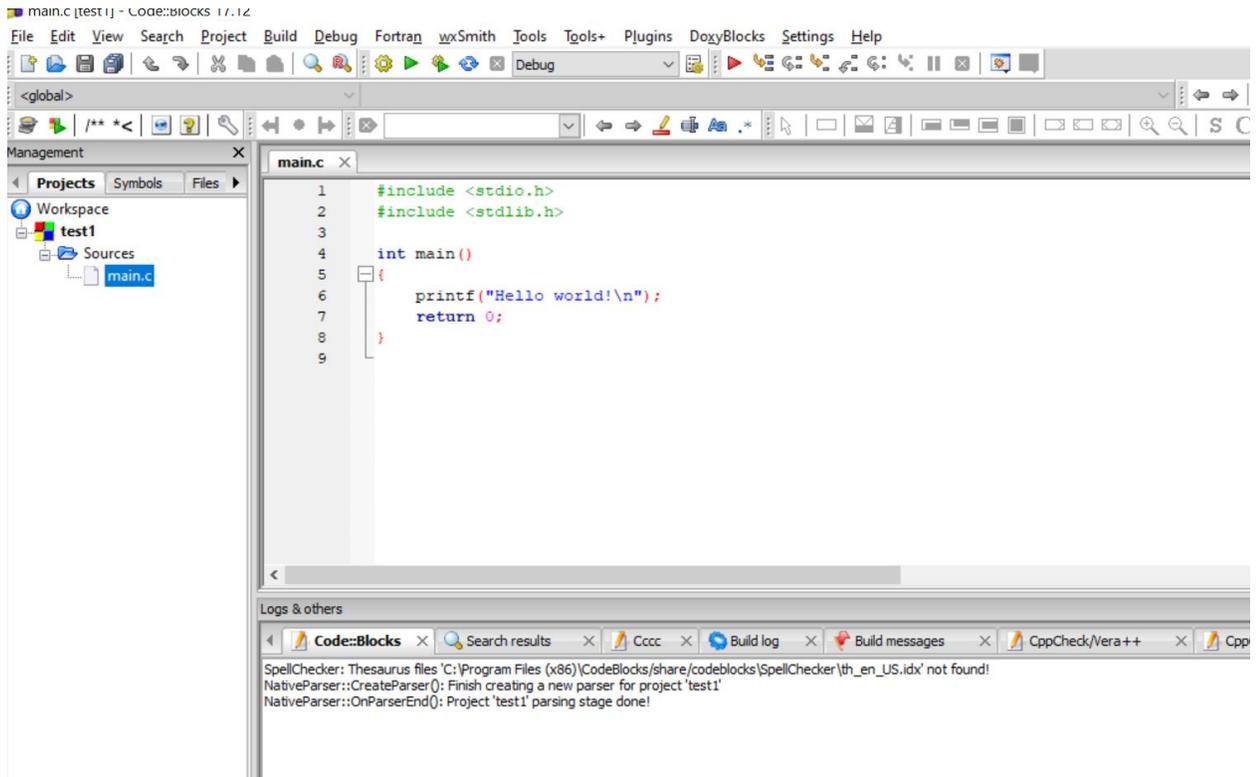
Project filename:

Resulting filename:

继续点击“next”得到如下界面



点击左边的“Sources”，你会发现一个“main.c”文件，这就是项目“test1”的主函数，双击“main.c”得到如下图



点击“build”，得到如下图（说明无语法错误，已经生成了目标文件“main.o”）

```
main.c X
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6  { printf("Hello world!\n");
7    return 0;
8  }
9
```

Logs & others

- Code::Blocks
- Search results
- Cccc
- Build log
- Build messages
- CppCheck/Vera++
- CppCheck/Vera++ message

```
mingw32-gcc.exe -Wall -g -c C:\Users\Qianying\Documents\Repositories\Teaching\CP\test\test1\main.c -o obj\Debug\main.o
mingw32-g++.exe -o bin\Debug\test1.exe obj\Debug\main.o
Output file is bin\Debug\test1.exe with size 28.47 KB
Process terminated with status 0 (0 minute(s), 1 second(s))
0 error(s), 0 warning(s) (0 minute(s), 1 second(s))
```

可以点击绿色三角（“Run”），运行成功，得到如下图

