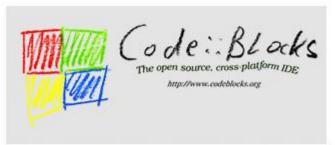
C++ Programming Project creation on Codeblocks

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Launch it



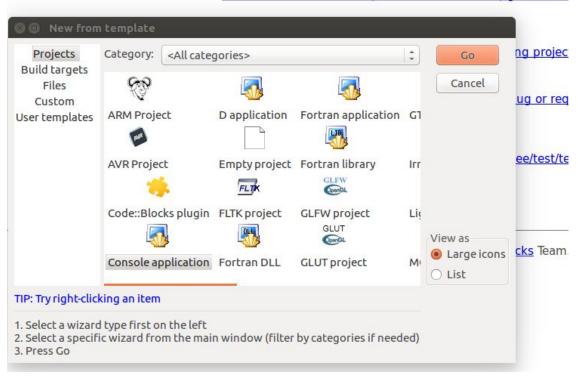
Release 12.11 rev 8629 (2012/11/28 11:40:31) qcc 4.7.1 Windows/unicode - 32 bit



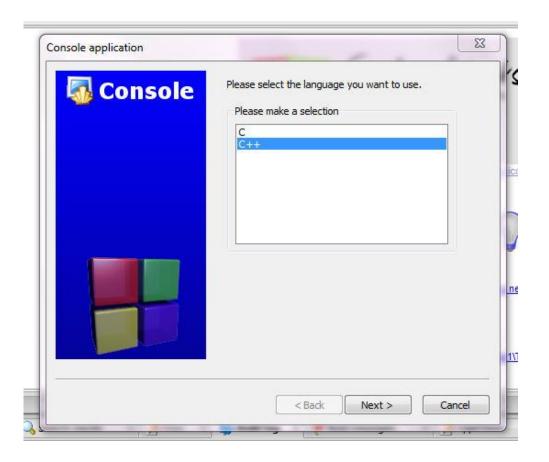


Select Console App

Release 16.01 rev 10760 (2016-02-01 01:39:02) gcc 5.3.1 L



• C++



NO SPACES

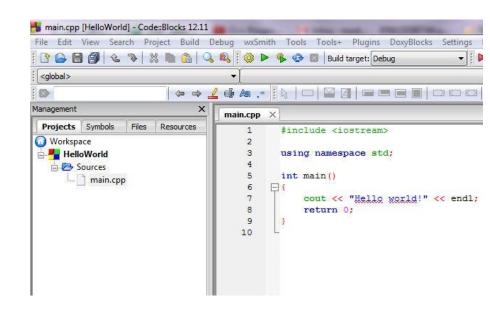


• GCC



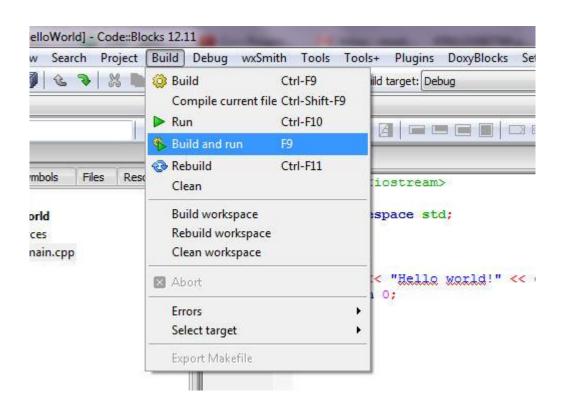
Running code

- Always remember we need 2 steps
 - Compile (or build)
 - The Run
- If run doesn't reflect code updates
 - It was not compiled
- You typically
 - Click on compile/run button
 - Or right click for menu options
 - Or use short-cut

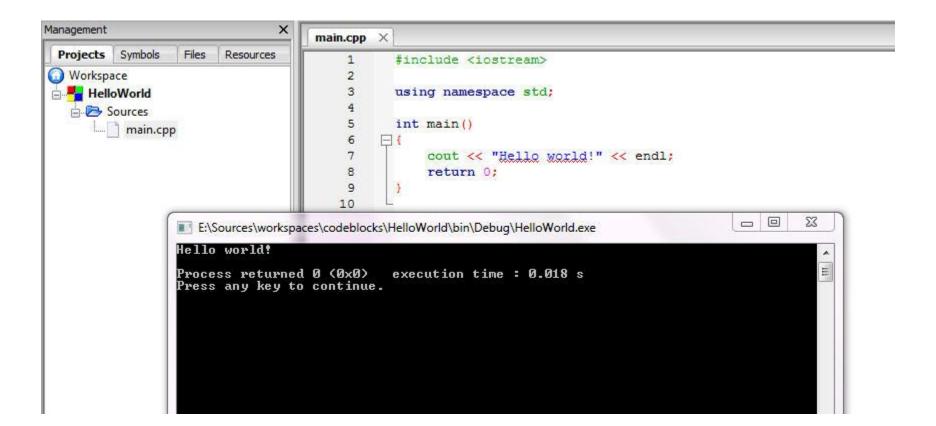


Project Building

- F9
- Or From Menu
 - Build and Run
- Getting same old results?
 - You did not build/compile

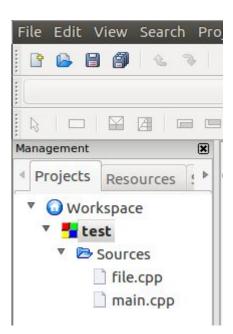


Project Running



Create New CPP file

- Select the project (test)
- From File menu
 - File \Rightarrow New \Rightarrow Empty file
 - Add to active project? Yes
 - Confirm directory
 - Select debug/release
- Running error
 - o multiple definition of main
 - Rename the old file
 - E.g. main.cpp to main.cpp_

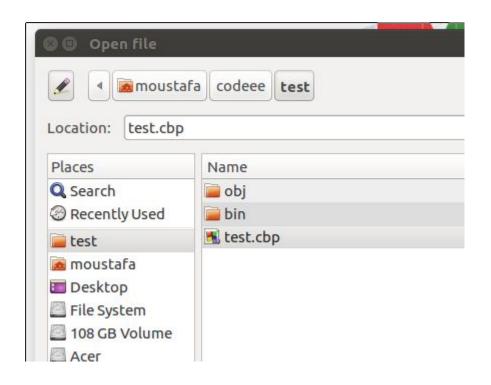


Open Existing Project





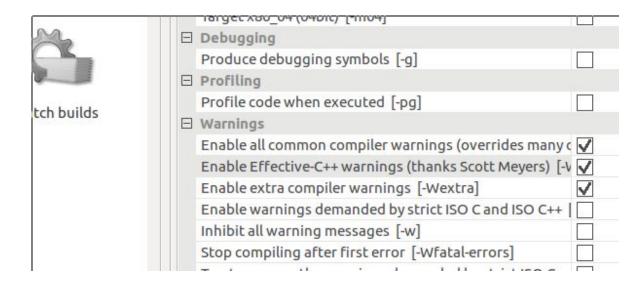
Report a bug Request a new feature Blocks forums



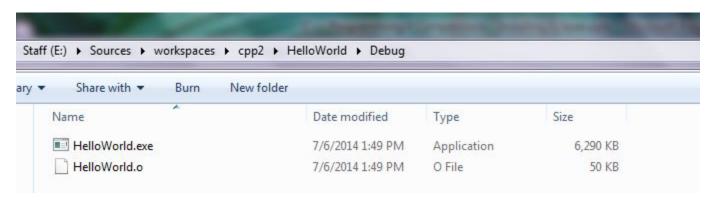
Optional but useful

Enable warnings

- From Top menu
- Settings => Compiler

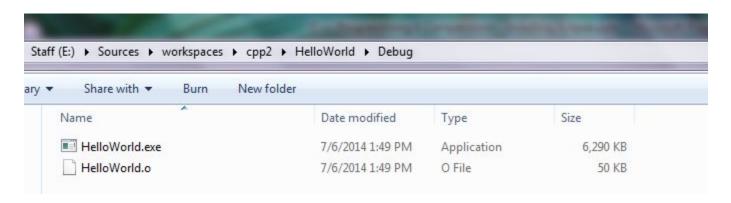


Object File



- Build Command updates this file and then the exe
- Compiler generates Object file, and linker use it to generate executable (exe)

Executable



- When you click Run button, this is what is actually run
 - o If code was not compile, older exe is run!
- Always Close EXE to build/run again (hence exe is replaced with new one)

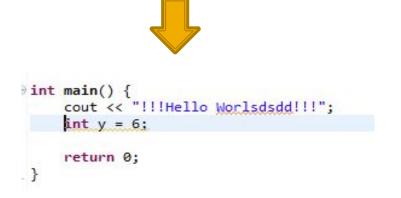
Shortcuts: Setting ⇒ Editor / Defaults <u>link</u>



Code Format

- Let's add shortcut for code format
- Setting ⇒ Editor ⇒ Shortcuts
- From Plugins ⇒ formatter
- New Shortcut: Ctrl-Shift-F ⇒ Add

```
▼ Plugins
    Find broken files in project
    BYO Games
    Reload EditorConfig
    CCCC
    Code profiler
    Code statistics
    Copy Strings to clipboard
    CppCheck
    Header Fixup
    Koders query
                                                              Ren
    Library finder
    Project options manipulator
                                                    New shortcul
    Regular expressions testbed
                                                     Ctrl-Shift-F
    Source code formatter (AStyle)
```



"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."