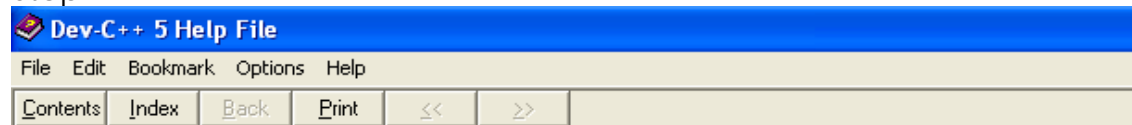


COP2221- Creating a multi-file program using Dev C++

Step 1:



Creating a Project

What is a Dev-C++ Project ?

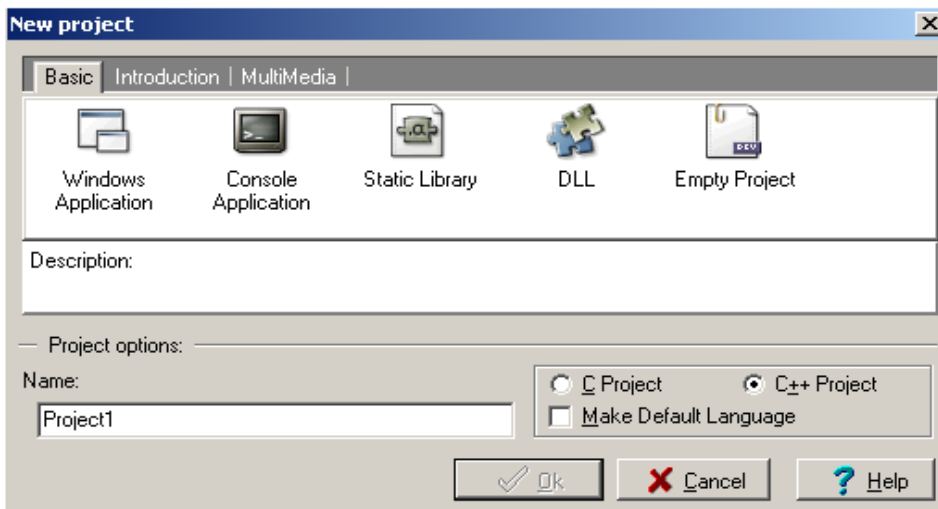
A Project is a center for managing your different source files and options inside Dev-C++. It helps you navigate through your code, and easily set different parameters, like the type of program you are doing (GUI, console, DLL ...).

When to use Dev-C++ Projects ?

- If you have more than one source file, you must create a project in order for Dev-C++ to link all your source files together, after they were compiled.
- If you need to create a DLL or static library, or want to use Resources files in your program

How can i create a Dev-C++ Project ?

Go to the *File* menu and click on *New*, then *Project*. A dialog opens, containing different Project types.

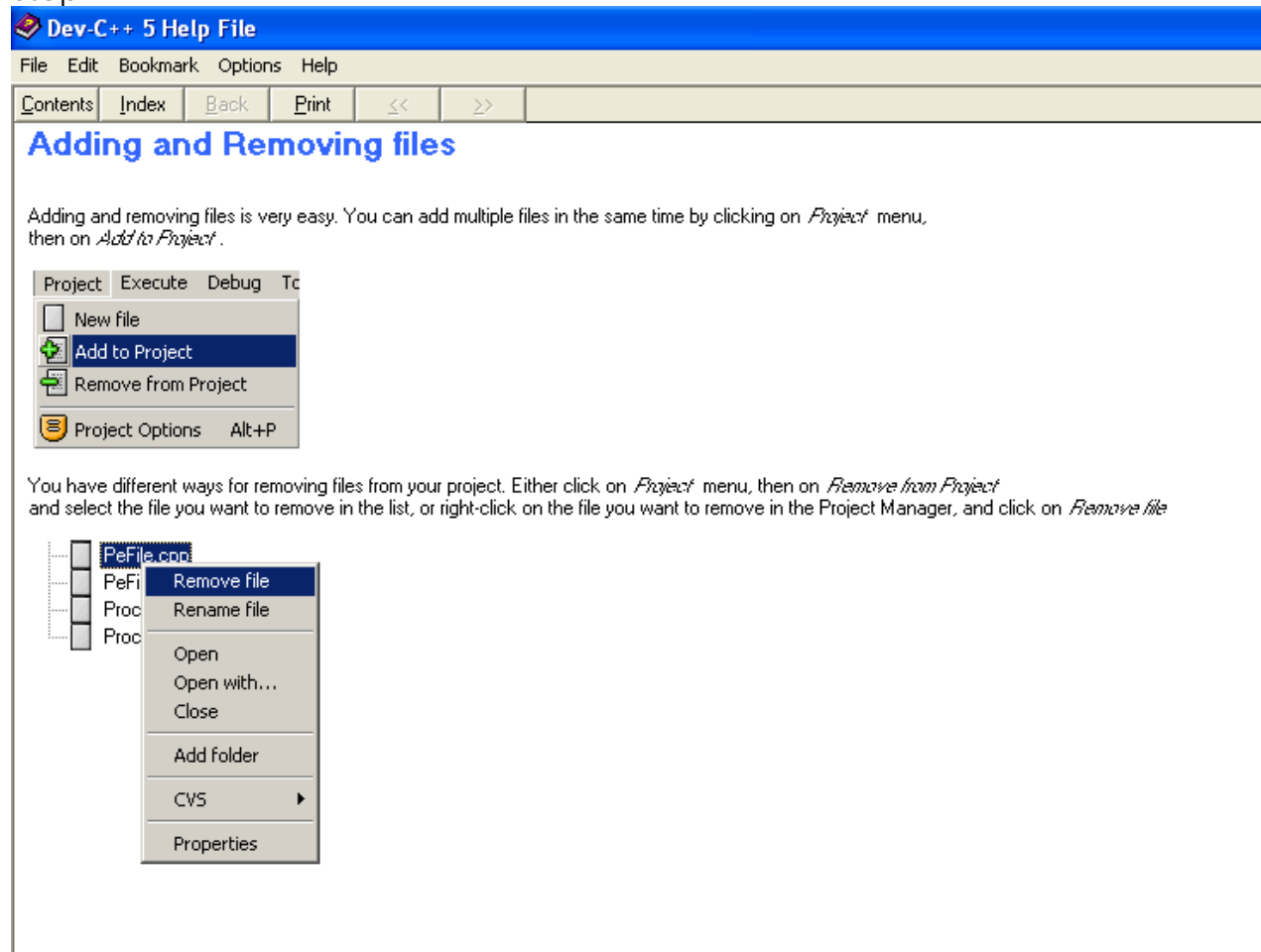


Here are the different basic projects type :

- Windows application : creates a Windows program, using the Win32 API.
- Console application : creates a console program
- Static library : creates an empty project with the options needed for building a static library
- DLL : creates a Win32 Dynamic Link Library

Now that you selected your project type, fill the name of your project in the corresponding edit box, select the language you will be using (C or C++), and click on OK.

Step 2:



What files do we use:

1. Specification file – contains the declaration for a class excluding the member function definitions (see Rectangle.h) as an example
2. Implementation file – contains the class's member function definitions (see Rectangle.cpp as an example)
3. "Main" program – contains function main and interacts with the class (see Program 12-7 as an example)
4. Compile and execute as normal and you should be fine (barring any syntax errors!)