

How to create a new project from scratch and set up the provided libraries

1. Project setup (folders)

Create your project folder MYPROJECT

Place the folder "libs" in the same root folder

2. Create a new project from Visual Studio

File > New > Project > MYPROJECT (with no solution folder option)

Choose "empty project"

3. Copy files: .h, .cpp + assets > MYPROJECT

4. Include existing items in your Visual Studio project

Project solution tab > right click on project name > Add > Existing item > choose .h and .cpp

5. Get the directory paths from the provided Bubble project

Properties > C/C++ > Additional include directories

Properties > Linker > Additional library directories

replace "..\..\..\\" by "..\"

6. Get the library names from the provided Bubble project

Properties > Linker > Input > Additional dependencies (soil, glew32, glfw, opengl32)

7. Set the libraries into our project MYPROJECT

Properties > Linker > Input > Additional dependencies

8. Set directory paths

Properties > C/C++ > Additional include directories

Properties > Linker > General > Additional library directories

9. Get .dll files: \OpenGL_VS2015\2DGame\02-Bubble\Debug

10. Copy .dll files to your Debug folder

How to create a new project called "MYPROJECT", from a given project called "Project1", by hacking the files so we just change the name of the project

1. Delete all files except *.cpp, *.h, Project1.sln and Project1.vcxproj. Do not delete assets if exist.

2. Copy and paste the entire folder

3. Rename files Project1.sln and Project1.vcxproj to MYPROJECT.sln and MYPROJECT.vcxproj

4. Modify file MYPROJECT.sln: line ~6 "Project1" and "Project1.vcxproj" to "MYPROJECT"

and "MYPROJECT.vcxproj"

5. Modify file MYPROJECT.vcxproj: line ~25 <RootNamespace>Project1</RootNamespace>

to <RootNamespace>MYPROJECT</RootNamespace>

To create the build of the project

1. Make a release version (not debug) from your project. Set up the additional dependencies if needed.

2. Create a folder

3. Copy all the assets using your folder structure: textures (.png), levels (.txt) and audio files (.ogg, .wav, .mp3)

4. Copy the release build (.exe)

5. Copy all dynamic libraries needed (.dll)