



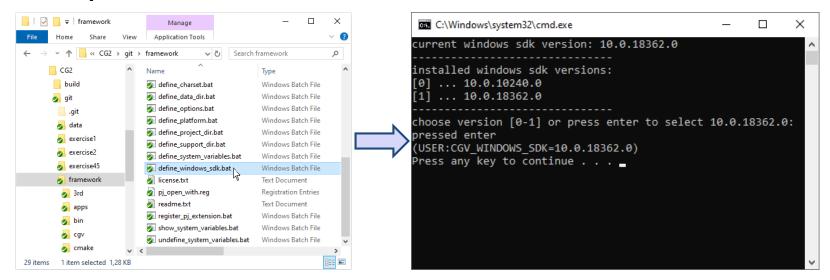
CGV Framework Setup & Building

CGV Framework: setup & building



Step 1 – setup the environment

- Navigate to the directory framework in the repository root
- You will find several Windows batch scripts that take care of the setup (they basically set required environment variables)
- First, you have to select which of the installed Windows SDKs to use:



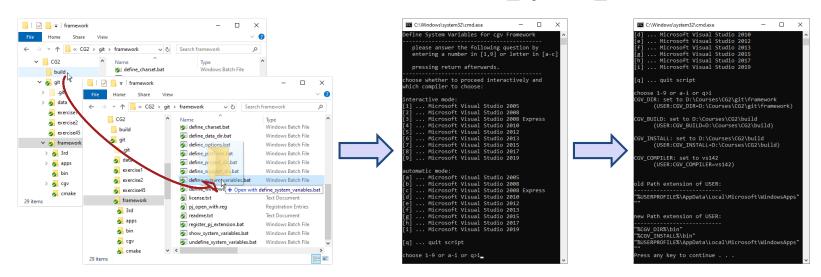
 If you hit enter without selecting anything at the prompt, the newest version will be chosen





Step 1 – setup the environment

- Next, you have to provide a build folder and select your Visual Studio Version (both are done in a single step)
- Just drag your build folder onto the script define_system_variables.bat:



Chose your version of Visual Studio from the options under "automatic mode" – for this tutorial, we use Visual Studio 2019, so here the choice was "i"

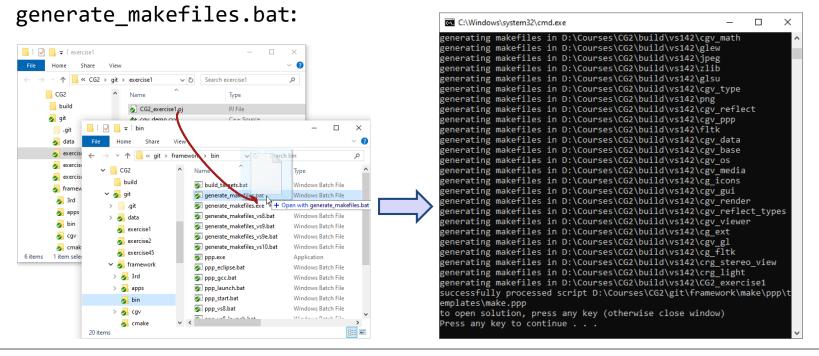
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Step 2 – generate the Visual Studio solution

- The Framework is now set up next, we generate a VS solution for exercise 1
- For this, it's easiest if you open two explorer windows: one should show the folder exercise1 from the repository root, the other the folder framework\bin

Drag the "project file" CG2_exercise1.pj onto the batch script







Step 3 – build the code

- If you hit any key in the previous console window, Visual Studio will open automatically. Otherwise, you can find your solution inside your build folder; e.g. build\vs142\CG2_exercise1 in case of Visual Studio 2019 and 32-bit builds
- Before you build the code, make sure either of the two "... Dll" configurations is selected
- The other two build types

 ("Debug/Release" and "Debug/
 Release Exe") are for advanced
 usage and outside of the scope
 of the exercise
- Done! You can now build the solution.

