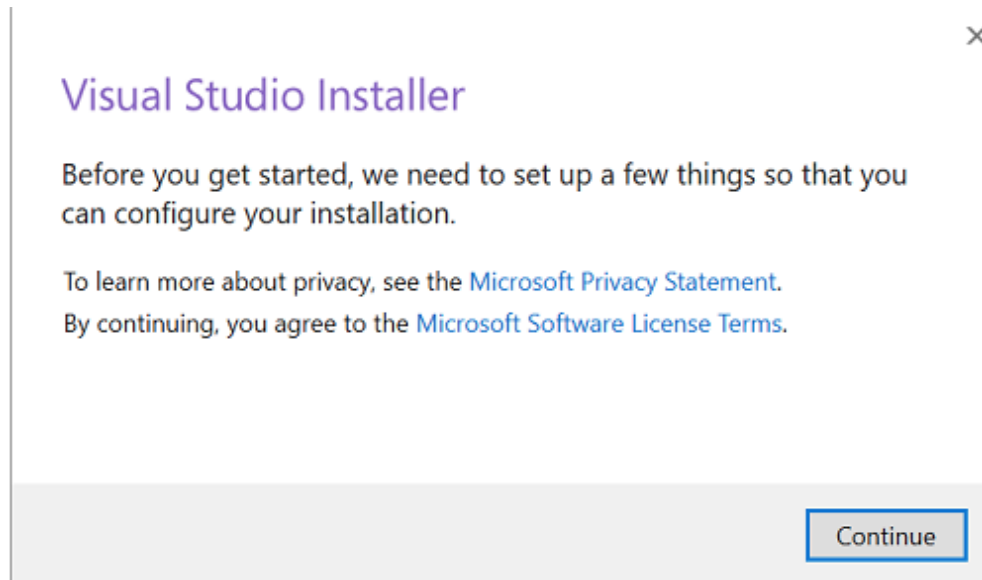


Win32 API Service(File Agent)

1) Installation VISUAL STUDIO:

1. Download Visual Studio 2019: Preferably Last edition
url: <https://visualstudio.microsoft.com/downloads/>.
2. Install the Visual Studio Installer



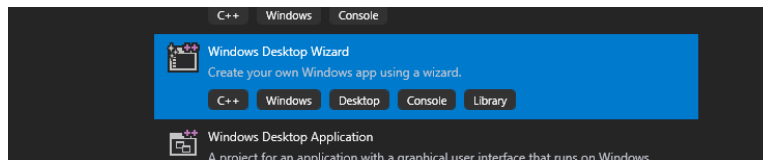
3. Choose your Workload, for this service choose **Desktop Development with c++**



4. You can Choose Individual components, language packages, even installation location. Then press **Install.**

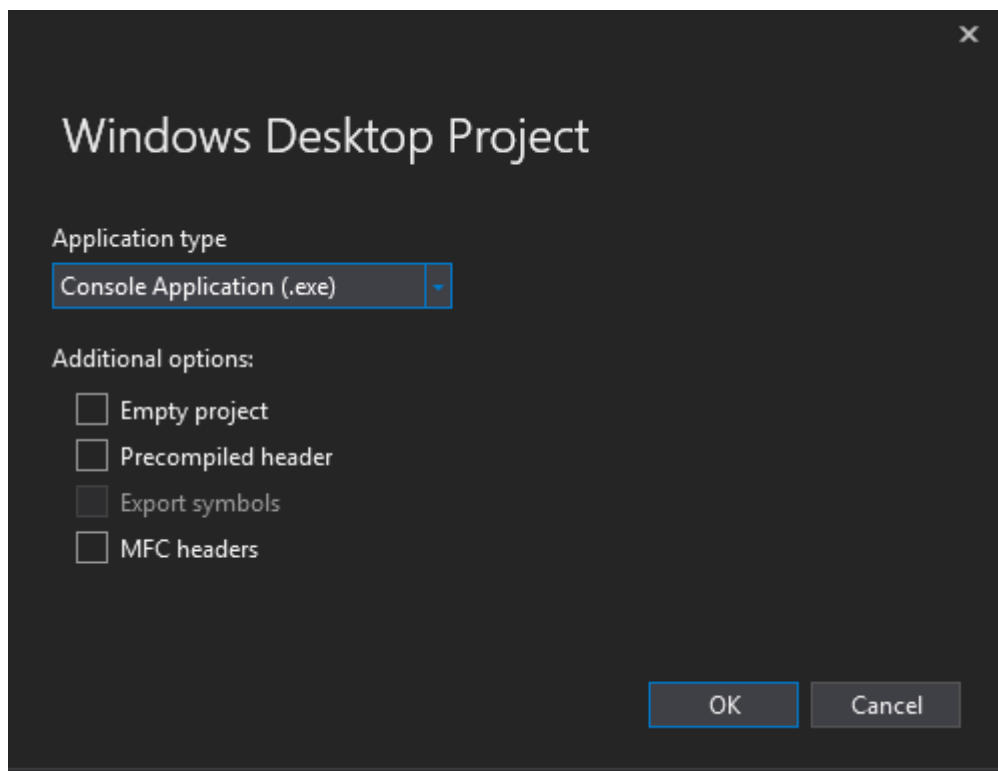
2) Create Your Project:

1. Click at **Create a new project** button.
2. Click at **Windows Desktop Wizard** button.



And then press **Next**

3. Give a project name e.g **CppWindowsService** and choose your project location .Then press **Create**

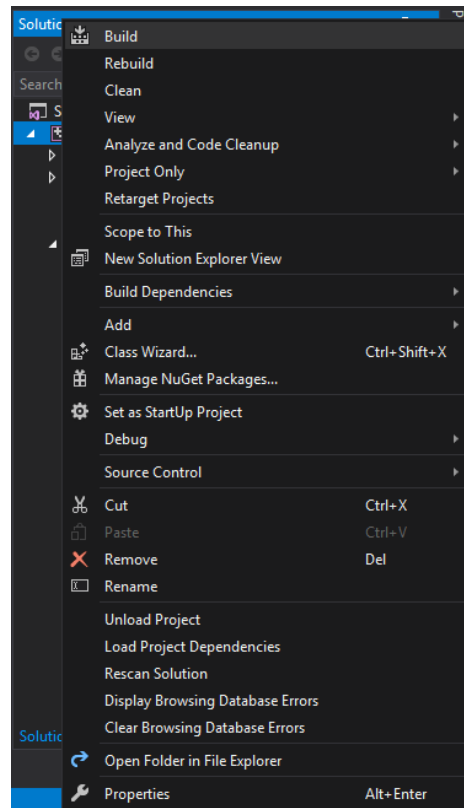


You must have **Console Application(.exe)** for Application Type. Then press **OK.**

3)**Create File Agent Service**

1. Gitlab code
url: <http://repo.nitlab.inf.uth.gr/angelopoulosn/file-agent>
2. Create at Source Files (.cpp) and (.h) files and copy code.

3. Next you must build your project by pressing right click on your project name (e.g: CppWindowsService) and then press **Build**.



4. The output must be something like this(If you have the same names for your cpp and h files)

```
Output
Show output from: Build
1>----- Build started: Project: CppWindowsService2, Configuration: Debug Win32 -----
1>CppWindowsService.cpp
1>SampleService.cpp
1>ServiceBase.cpp
1>ServiceInstaller.cpp
1>Generating Code...
1>CppWindowsService2.vcxproj -> C:\Users\User\source\repos\CppWindowsService2\Debug\CppWindowsService2.exe
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
```

5. Then we can install our service at our SCM.

4)Install, remove service

6. Open cmd :administrative and go to your path:repos/your project/debug and write

Install Command: YourProjectExeName.exe –install

(*Space between exe and –install.*)

```
C:\Users\User\source\repos\CppWindowsService2\Debug>CppWindowsService.exe -install
```

Remove Command: YourProjectExeName.exe –remove

(*Space between exe and –remove.*)

```
C:\Users\User\source\repos\CppWindowsService2\Debug>CppWindowsService.exe -remove
```

7. Start and stop the Service from SCM