

How to install the RTMaps SDK Wizard for Microsoft Visual C++ Express ?

Microsoft Visual C++ Express is the light (and free) version of the well-known C++ development environment from Microsoft. It does not support “add-ins” as in standard versions of Visual Studio. So, the *RTMaps SDK Wizard* cannot be integrated automatically in the *Microsoft Visual C++ Express* menus when installing *RTMaps*. However we provide an external tool that you will be able to integrate by hand in your *VC++ Express* environment. This wizard can also be used on *Microsoft Visual C++ Community* and *Professional* editions but it is recommended to use the dedicated wizard instead.

Here are the few necessary steps.

1. Start **Microsoft Visual C++ Express**
2. Select menu **Tools** then **External Tools...**
3. Click on “**Add**” button.
4. For the new tool, the configuration is:
 - Title:
RTMaps SDK Wizard
 - Command, depending on your installed version of Visual C++ Express:
`%RTMAPS_SDKDIR%\tools\rtmaps_sdk_wizard_vc2008.cmd`
`%RTMAPS_SDKDIR%\tools\rtmaps_sdk_wizard_vc2010.cmd`
`%RTMAPS_SDKDIR%\tools\rtmaps_sdk_wizard_vc2012.cmd`
`%RTMAPS_SDKDIR%\tools\rtmaps_sdk_wizard_vc2013.cmd`
`%RTMAPS_SDKDIR%\tools\rtmaps_sdk_wizard_vc2015.cmd`
`%RTMAPS_SDKDIR%\tools\rtmaps_sdk_wizard_vc2017.cmd`
 - Arguments:
`$(SolutionDir)\$(SolutionFileName)`
 - Initial Directory:
 - i. For RTMaps 4.5.0 or older: `$(SolutionDir)`
 - ii. For more recent releases you can leave it blank
 - Check the “**Use Output Window**” option.

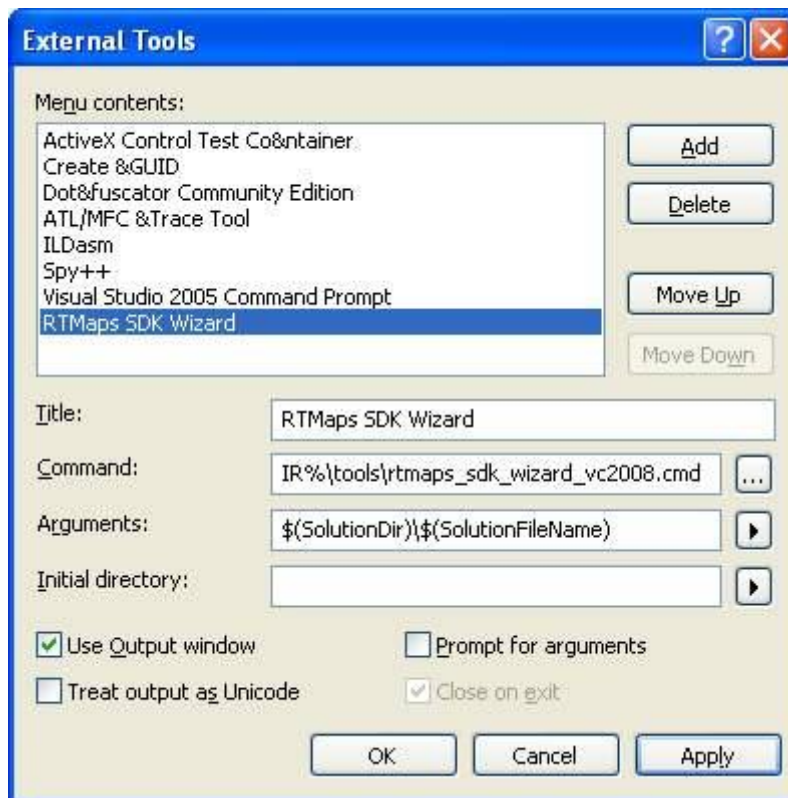


Figure 1 - Setup of the RTMaps SDK Wizard for VC++ 2008 Express

That's it; you can now access the wizard from the **Tools** menu. You can also move the shortcut to a toolbar through the menu **Tools | Customize menu**.



Figure 2 - The RTMaps SDK Wizard for VC++ Express

Note

Each time you create a new project or component in the RTMaps SDK with that wizard, the Visual C++ Solution file and/or Project files will be modified by the wizard. So Visual C++ will detect that modification and suggest to Reload it. Just accept by clicking on the "Reload" button.

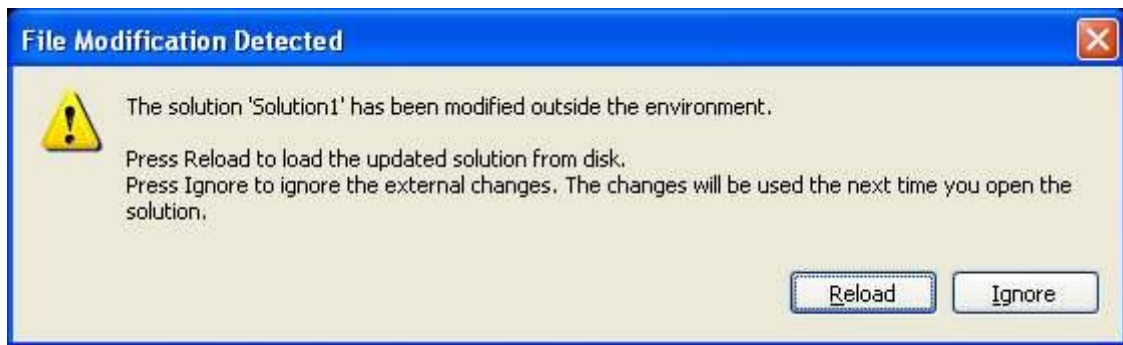


Figure 3 - Visual Studio detects the Solution file or a Project file has been modified and needs to be reloaded.