# Pre-requisites

Windows 7 (x64) PC

.Net Framework 4.5.2

Visual Studio 2017 Community

Word 2010

# Additional Software

Git for Windows

<https://git-scm.com/download/win>

Clone the repository from

<https://chem4word.visualstudio.com/C4W-VNext/_git/Version3>-1

WiX installer 3.11.1

<http://wixtoolset.org/releases/>

Also install WiX Extension for your version(s) of Visual Studio

Recommended Visual Studio Extensions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Author** | **VS2015** | **VS2017** | **Link** |
| CodeMaid Spade | Steve Cadwallader | 10.4 | 10.4 | https://marketplace.visualstudio.com/items?itemName=SteveCadwallader.CodeMaid |
| MissingBraces | wlja | 1.1 |  | https://marketplace.visualstudio.com/items?itemName=wlja.MissingBraces |
| PowerShell Tools for Visual Studio 2015 | Adam Driscoll | 3.1.618 |  | https://marketplace.visualstudio.com/items?itemName=AdamRDriscoll.PowerShellToolsforVisualStudio2015 |
| PowerShell Tools for Visual Studio 2017 | Adam Driscoll |  | 3.1.620 | https://marketplace.visualstudio.com/items?itemName=AdamRDriscoll.PowerShellToolsforVisualStudio2017-18561 |
| Productivity Power Tools 2015 | Microsoft | 14.0.24321.0 |  | https://marketplace.visualstudio.com/items?itemName=VisualStudioProductTeam.ProductivityPowerTools2015 |
| Productivity Power Tools 2017 | Microsoft |  | 15.0.4 | https://marketplace.visualstudio.com/items?itemName=VisualStudioProductTeam.ProductivityPowerPack2017 |
| Show Missing Files | David Gardiner | 2.6.0.62 | 2.6.0.62 | https://marketplace.visualstudio.com/items?itemName=DavidGardiner.ShowMissingFiles |

# Setting up Chem4Word VSTO Signing.

In order to ease swapping between developers we have created a Self-Signed certificate for the Add-In

Browse to $/src/Tools/Certificates

Run PowerShell file “Install-Dev-Certificate.ps1”

Running

The two main projects which can be run and debugged in Visual studio are:-

* **Chem4Word.V3**.csproj
  + In Project Properties, set debug start action to start external program
    - C:\Program Files (x86)\Microsoft Office\Office15\WINWORD.EXE
* **WinFormsTestHarness**.csproj