VSPAT Versioning Process

Instructions on changing minor and major versions of VSPAT source code.

|  |  |  |  |
| --- | --- | --- | --- |
|  | From Version | To Version | Migration Type |
| Updated for version | 1.2.18.0 | 1.2.19.0 | Minor |

# Minor Versioning Process

## VSPAT (e.g. Runtime, Authoring, HandsOnLabs)

1. Uninstall all VSPAT extensions from Extension Manager. Recycle VS.
2. Uninstall all VSPAT extensions from Extension Manager in Experimental Instance. Recycle VS Experimental.
3. **Open** solution **Runtime.sln**
4. Update version numbers in **MasterVersion.ttinclude**
5. **‘Transform Text Templates’** for whole solution **twice**
   1. Two passes are needed to ensure any \*.ttincludes that are generated are then used for downstream \*.tt’s.
6. **‘Clean’** the solution
7. **Delete** all **‘bin’, ‘obj’ and ‘TestResults’** directories under solution.
8. **Find All Files** in **$BranchName/src/Runtime** for: 1.2.18.0 to verify replacement.
9. **Manually resolve** all other instances of the version number:
   1. Such as in GuidanceWorkflow.cs
   2. Such as in \*.sln file
   3. Such as in \*.patternstate file
10. **Rebuild** the solution.
11. **Close** Visual Studio.
12. **Install** the **Runtime.vsix** into VS
13. **Manually Check Out**, and manually update (in notepad) the version number in the following files:
    1. Authoring.sln, Authoring.patternstate
    2. HandsOnLabs.sln, HandsOnLabs.patternstate
14. **Open** solution **Authoring.sln**
15. Update version numbers in:
    1. HandsOnLabs\source.include.t4
    2. Authoring.Toolkit\source.include.t4
    3. AutomationLibrary.Toolkit\source.include.t4
16. **‘Transform Text Templates’** for whole solution **twice**
    1. Two passes are needed to ensure any \*.ttincludes that are generated are then used for downstream \*.tt’s.
    2. One tt (AutomationLibraryToolkit.tt) does not transform in this cycle, because it needs the authoring toolkit installed. Undo the checkout on this file.
17. **Close** Visual Studio.
    1. This reloads the cached targets files currently being pointing to wrong version number.
18. **Open** solution **Authoring.sln**
19. **‘Clean’** the solution
20. **Rebuild** the solution.
21. **Install** the Authoring.vsix into VS
22. **Open** solution **Authoring.sln**
23. **‘Clean’** the solution
24. **Rebuild** solution
    1. This should transform all generated code into solution
25. **Find All Files** in **$BranchName/src/Authoring** for: 1.2.18.0 to verify replacement.
26. **Manually resolve** all other instances of the version number:
    1. Such as in GuidanceWorkflow.cs
27. **‘Clean’** the solution
28. **Rebuild** solution
29. **Uninstall** the Authoring.vsix, Library.vsix, Runtime.vsix in Extension Manager
30. **Close** Visual Studio.
31. **Install** the **Authoring.vsix** into VS

## Updating Other Toolkits (e.g. MVC, MVVM Quickstarts)

1. **Manually Check Out**, and manually update (in notepad) the 1.2.18.0 version number in the following files:
   1. Toolkit.sln:

GlobalSection(ExtensibilityGlobals) = postSolution

Features = 9f6dc301-6f66-4d21-9f9c-b37412b162f6:Creating Pattern Toolkits:1.2.18.0

EndGlobalSection

* 1. Toolkit.patternstate:

<product definitionId="c034429e-01f9-48dd-a478-0321fb708dd3" definitionName="PatternToolkit" version="1.2.18.0">

1. **Open** solution **Toolkit**, in VS
2. (Optional) Quickstarts only
   1. Update any relevant toolkit version numbers in the ‘Toolkit Info’ element in solution builder
   2. Select ‘Transform Toolkit Info’ menu on ‘Toolkit Info’ element in Solution Builder.
3. **‘Clean’** the solution
4. **Rebuild** solution
   1. This should transform all generated code into solution if the ‘Transform On Build’ property is set to ‘Always’. If not set, you need to manually ‘Transform Templates’ on the toolkit node and Library node of each toolkit in solution builder.