Story

INSPIRATION

Microsoft ITPro and Developer content has recently moved to Git (GitHub and VSTS) which has greatly expanded the number of contributors and contributions into the content. Markdown in Git is easy learn and there are many tools to author the content in, but none of them can match the collaboration processes built into Word Online.

Git Tech Review

**Problem scenario #1:** I have an article that I need to input on from multiple different sources. In the past, I have asked these sources to collaborate with each other in the Markdown topic and that worked reasonably well, but I received conflicting information from the different reviewers because they could not see each others edits.

**Solution:** Git Tech Review is a VS Code extension that allows the user the ability to easily convert a Markdown topic into a Word file that can then be dropped into either their OneDrive or SharePoint folders for real-time collaboration. After the collaboration has completed, the

**Customer value:**

* Customers receive more accurate content more quickly.

HOW IT WILL WORK / HOW IT WILL BE BUILT

Implementing Git Tech Review

* Git Tech Review will be implemented as a VS Code extension. VS Code is the main authoring tool for content on docs.microsoft.com as the APEX team has built extensions to enable simpler and more powerful authoring workflows. The extension will light up two new buttons to control the topic’s workflow and those will be enabled when the user is working on a Markdown topic.

**Evolution:** In the future, the extension could be extended to fully support all of docs.microsoft.com custom markdown extensions.

**Story board for the video**

1. Intro screen
2. Show GitHub collaboration (image/screenshot)
3. Demo of VS Code for Export
4. Demo of VS Code for Import
5. Wrap up

**Voice script**

Welcome to Git Tech Review, part of Hackathon 2018.

Moving all ITPro and developer documentation into Git has greatly increased the ability to collaborate on content as a whole, but one area that has been lost through this move is the ability to have multiple contributors work on a single article at the same time. And the best tool for that collaboration is Word Online. In this hack, we will combine Git and OneDrive to enable Word Online for true real-time collaboration on a Markdown topic.

As our presentation opens, here we are in VS Code, which is the main authoring tool for documentation published to docs.microsoft.com.

For our first scenario, I am opening a Markdown topic that I have synced to my local repository. If you are a regular contributor to docs.microsoft.com content, you will notice two additional buttons in the IDE. They are labelled Export and Import. For the first scenario, I want to enable real-time contributions on this topic so I click on the Export button and the VS Code extension converts the Markdown topic into Word and saves it in a newly created folder in my One for Business folder. Now, I can open this topic in Word Online and use OneDrive to invite others to collaborate on this document.

The second scenario happens after the collaboration has completed. I go back into VS Code and click on the Import button. The VS Code extension will convert the Word doc back into Markdown and drop it in the local repository.

Note that the Import function will Import any DOCX file and not just ones that were created by this workflow. In other words, you can use this extension to migrate Word docs into Markdown.

If we had more time, we would have done more, but we're happy with what we have and that's our hack.