

Using Git, VSCode, and GitHub

This document was built and published by Frank M. Palinkas, Senior Technical Writer, and Information Developer. Use Git from the CMD line, VSCode (or your favorite IDE), and the GitHub Pull Request process to create your work environment and documentation.

Follow these steps:

1. Create a new folder on your main drive (C:\) to house the documentation.
2. Open the CMD line and navigate to this new folder.
3. Go to GitHub and copy the remote repository URL.
3. Run `git clone` - paste the remote repository URL after the command. Hit Enter.
4. Run `git checkout develop, or main, or master` - make sure you are on the cloned folder branch.
5. Run `git status` - make sure all is in order.
6. Run `git pull` - pull the latest edition of the remote repo branch to my machine.
7. Run `git checkout -b "new branch title goes here"` - this creates a new branch to contain your work.

Open your VSCode IDE

Make sure you will do the work in the new branch created above.

9. Open the folder and files where the work will be done - do the work.

When you are finished creating new or editing current work in VSCode

10. Run `git status` - lists all folders and files where work has been done.
11. Run `git add .` - adds all folders and files where work has been done.
12. Run `git commit -m "message-goes-here"` - commits the work.
13. Run `git push` - pushes the work to the GitHub remote repository and opens a new Pull Request.

Using the new Pull Request in GitHub

14. Fill out the necessary information in the Pull Request setup and create the new PR.
15. Test the rendering of the work using the GitHub Pull Request PREVIEW tool.
16. Wait for GitHub and Gatsby to approve the code and structure accuracy (HTML5, MDX Markdown, ReactJS Components) of the work.
17. In GitHub, merge the Pull Request to the internal repo (develop, main, or master).
18. Back in your CMD line window, run `git pull` - pull the merged work to your local machine.
19. In GitHub, merge the Pull Request to the external-facing repo (develop, or main, or master) for publication on the company website