

Topic

Github & Collaborative Software

Focus Points

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Exercises

Setup : N/A

- Basic Github individual
 - Make a github repo:
 - For a brand new project.
 - Clone the repo onto your local machine and add some files to it.
 - Push those files up to your github repo
 - For an existing project.
 - Initialize git in one of your old projects. Set the remote of your local project to link to the remote of your github repo. Add, commit and push your work up!
- Basic Pull/Push with Github on a team
 - Make a group with your the person next to you. We are going to practice using github.
 - Pick a person to be the github repo “leader”, have that person create a new repo on their github and add the rest of your group as collaborators.
 - Have the collaborators clone the repo to their computer
 - Have the github repo “leader” create a new project with a basic HTML and CSS file. Throw in some sample code that you like from online. Codepen is a great place or w3.
 - Now the leader will add the code. He will add commit and push the code up to github.
 - The rest of the group should now try and pull from the github repo.
 - If everything is successful, go around your group and have each person change or add some random code into the file and push it up. The rest of the group should try pulling. Make sure each person goes one at a time to avoid conflicts
- Advanced Collaboration with Merges
 - Having the same group, now each of the team members make their own branch. Practice following the flowchart to make sure all your work stays consistent