

Tutorial: Github and Collaboration

Git: Collaboration Features

For this in class tutorial you will work with a team of 2-3 people to create a Github repository to practice what you have learned. At the end of class each team member will turn in a zip file of the repository to learning suite.

In this tutorial you will learn how to

- Set up a new repository on Github
- Clone a Github repository on your computer
- Add files to a Github repository
- Make changes to files on a Github repository
- Resolve merge conflicts

Set-up

First we will set up a new Github repository and invite all team members to join it.

1. Have everyone log onto Github.com.
2. Have everyong cache their Github password in Git by following the instructions at <https://help.github.com/articles/caching-your-github-password-in-git/> (use the tabs at the top of the page to find the instructions for your operating system). Caching your password is optional, but makes it so you don't need to type it in every time.
3. Have one person create a new repository for your group by pressing the “New” button on Github and naming your repository “CS202” and **initialize this repository with a README**

