GitHub Pull Request Practice

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1 Introduction

The first guide walks you through cloning and committing for the first time. The second guide walks you through the steps of making your first pull request into a VRDI repo.

2 Cloning

1. Start by signing in to your GitHub account and going to the cloning practice repo.

2. Click the green "Clone or Download" button and copy the text to your clipboard.

3. Open your terminal[1] and navigate to the directory you want to use.

4. Type:

   ```
   >>> git clone https://github.com/vrdi/Cloning_Practice.git
   ```

5. This will make a new directory called Cloning Practice on your computer.

6. Go into the directory and make a new directory called [your name]

7. Inside that directory use your favorite text editor to create a txt file called init.txt

8. In your terminal type:

   ```
   >>> cd Cloning_Practice
   >>> git add [your name]
   >>> git commit -m "Added my directory"
   >>> git push origin master
   ```

9. If the last line returns an error[2], saying:

   ```
   error: failed to push some refs to 'https://github.com/vrdi/Cloning_Practice.git'
   ```

   type:

   ```
   >>> git pull origin master
   >>> git push origin master
   ```

   and close the text file that open in the middle.

10. Congratulations!!! You made your first commit.

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[1]or git bash, for Windows users

[2]which it probably will, since everyone is trying this at once

3 Pull Request Walkthrough

1. Start by signing in to your GitHub account and going to the PR practice repo.

2. Click the fork button at the top right of the page and wait until the interface creates your new

3. After the process completes, click the green "Clone or Download" button and copy the text to your clipboard.

4. Open your terminal and navigate to the directory you want to use.

5. Type:

   ```
   >>> git clone [pasted text here]
   >>> cd Pull_Request_Practice
   >>> git branch add_name
   >>> git checkout add_name
   ```

6. The previous commands placed a copy of the repo on your computer, openend a new branch for you to make edits and checked out that branch

7. In the new directory there is a text file called yourstate.txt. Open the file and add your name in the row next to your state.

8. In the terminal type:

   ```
   >>> git add your_state.txt
   >>> git commit -m "Added my name!"
   ```

9. This tells git to track your changes to the file and prepares them to be merged with the main version of the repo

10. Type:

    ```
    >>> git push origin add_name
    ```

11. Go back to your browser tab with your fork, where you copied the clone text. Click the "Compare & Pull Request" button

12. You can leave additional comments in the text field and then click the green create pull request button.

13. Have someone sitting next to you click the merge pull request button on the vrdi copy of the repo.

14. Once they are done click the green "Clone or Download" button on the vrdi page and copy the text to your clipboard.

15. Type:

    ```
    >>> git checkout master
    >>> git remote add upstream https://github.com/vrdi/Pull_Request_Practice.git
    >>> git pull upstream master
    >>> git push origin master
    >>> git branch -d add_name
    ```

16. This tells your computer about the VRDI version of the repo and updates your local and online copies with the new verison of the .txt file.

17. From now on, to update your local version to match the official version you can use:

    ```
    >>> git pull upstream master
    >>> git push origin master
    ```

18. Congratulations!!! You made your first pull request.