

0_Week - GitHub Stage, Commit, and Push

Sunday, June 25, 2017 10:45 AM

Stage code changes:

1. Open a command prompt
2. git status
 - a. The first step is to always check the status of your repository to determine whether the changes have been flagged by Git.
 - b.

```
C:\Users\rrkrasso\bu-webdev\web-230>git status
On branch master
Your branch is up-to-date with 'origin/master'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)

        week-1/assignment-1.4.js

nothing added to commit but untracked files present (use "git add" to track)
C:\Users\rrkrasso\bu-webdev\web-230>
```

- c. If the changes appear in red, they are ready for staging. If the changes appear in green they have already been staged.
3. Stage the changes
 - a. git add -i
 - b. Choose option "4: add untracked" for new files
 - c. Choose option "5:patch" for modified files
 - d. Enter an "asterisk" (*), which selects all files
 - i. Optionally, you could select the individual file by entering the number to the right of the file
 - e. Enter 'q' to exit the interactive window

```
C:\Users\rrkrasso\bu-webdev\web-230>git add -i

*** Commands ***
 1: status      2: update      3: revert      4: add untracked
 5: patch      6: diff        7: quit        8: help
what now> 4
 1: week-1/assignment-1.4.js
Add untracked>> *
added 1 path

*** Commands ***
 1: status      2: update      3: revert      4: add untracked
 5: patch      6: diff        7: quit        8: help
what now> q
Bye.
```

4. Commit your changes and add a brief description
 - a. git commit -m "Adding assignment 1.4.js"

```
C:\Users\rrkrasso\bu-webdev\web-230>git commit -m "Adding assignment-1.4.js"
[master 8c82c2d] Adding assignment-1.4.js
 1 file changed, 51 insertions(+)
 create mode 100644 week-1/assignment-1.4.js
```

5. Push the your changes to the remote repository
 - a. git push -uv origin master

```
C:\Users\rrkrasso\bu-webdev\web-230>git push -uv origin master
Pushing to https://github.com/rrkrasso/web-230.git
Counting objects: 4, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 1.01 KiB | 0 bytes/s, done.
Total 4 (delta 0), reused 0 (delta 0)
POST git-receive-pack (1193 bytes)
To https://github.com/rrkrasso/web-230.git
 22b48a2..8c82c2d master -> master
updating local tracking ref 'refs/remotes/origin/master'
Branch master set up to track remote branch master from origin.
```

6. Verify the file / changes were added to your GitHub repository

