


# DATA SCIENCE

# GIT: THE LAB

APRIL 16, 2014

## https://github.com/fidsteve/DAT6-git-lab

PUBLIC  **fidsteve / DAT6-git-lab**

Unwatch 1 Star 0 Fork 0

**Description**

Short description of this repository

**Website**

Website for this repository (optional)


Save

or cancel


1 commit 1 branch 0 releases 1 contributor

branch: master DAT6-git-lab

Initial commit

 **fidsteve** authored 6 hours ago

latest commit 2a75889a23

 [README.md](#)

Initial commit

6 hours ago

**README.md**

# DAT6-git-lab

**<> Code**

Issues

0

Pull Requests

0

Wiki

Pulse


Graphs

Network


Settings


SSH clone URL

git@github.com:fid



You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

 **Clone in Desktop**

 **Download ZIP**

```
$ git clone git@github.com:<YOUT GITHUB>/DAT6-git-lab.git
Cloning into 'DAT6-git-lab'...
remote: Counting objects: 3, done.
remote: Total 3 (delta 0), reused 0 (delta 0)
Unpacking objects: 100% (3/3), done.
$ cd DAT6-git-lab; ls
README.md
$ git pull https://github.com/fidsteve/DAT6-git-lab master
remote: Counting objects: 4, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0)
Unpacking objects: 100% (3/3), done.
From https://github.com/fidsteve/DAT6-git-lab
   2a75889..616e974  master    -> origin/master
Updating 2a75889..616e974
Fast-forward
  first_file | 0
  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 first_file
```


```
$ git branch REPLACE_WITH_YOUR_BRANCH_NAME
$ git branch
  REPLACE_WITH_YOUR_BRANCH_NAME
* master
$ git checkout REPLACE_WITH_YOUR_BRANCH_NAME
Switched to branch 'REPLACE_WITH_YOUR_BRANCH_NAME'
$ echo "test text" > REPLACE_WITH_ANOTHER_NAME
$ git status
# Not currently on any branch.
# Untracked files:
#   (use "git add <file>..." to include in what will be committed)
#
#       REPLACE_WITH_ANOTHER_NAME
$
```

```
$ git add REPLACE_WITH_ANOTHER_NAME
$ git status
# Not currently on any branch.
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
#       new file:   REPLACE_WITH_ANOTHER_NAME
#
$ git commit -m "this is a comment for the commit"
[detached HEAD a90b8b8] this is a comment for the commit
 1 file changed, 3 insertion(+)
 create mode 100644 REPLACE_WITH_ANOTHER_NAME
$ git log
commit a90b8b8516fca94e9f6fe201bddbfb9fee9e1005
Author: Drew Stevens <drew.stevens@stem.com>
Date:   Wed Apr 14 11:26:05 2014 -0700

    this is a comment for the commit
< .... >
```

```
$ git push origin REPLACE_WITH_YOUR_BRANCH_NAME
Counting objects: 4, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 314 bytes, done.
Total 3 (delta 0), reused 0 (delta 0)
To git@github.com:socialevils/DAT6-git-lab.git
 * [new branch]      REPLACE_WITH_YOUR_BRANCH_NAME ->
REPLACE_WITH_YOUR_BRANCH_NAME
$
```

Your recently pushed branches:

 REPLACE\_WITH\_YOUR\_BRANCH\_NAME (1 minute ago)

 Compare & pull request

 branch: master **DAT6-git-lab** / 

Switch branches/tags


Find or create a branch...

Branches Tags

✓ REPLACE\_WITH\_YOUR\_BRANCH\_NAME

✓ master

 Pull Request  Compare

latest commit 2f66c153b7 

7 hours ago

## DAT6-git-lab

```
$ vi REPLACE_WITH_ANOTHER_NAME
$ git diff
diff --git a/REPLACE_WITH_ANOTHER_NAME b/REPLACE_WITH_ANOTHER_NAME
index 7b22a4a..a2d6756 100644
--- new stuff
+++
@@ - these is a test
new of some changes
+
+these is a test
+of some changes
$ git add REPLACE_WITH_ANOTHER_NAME
$ git commit -m "more text"
```



```
$ git push origin  
  
<there will be an warning here about git config>  
  
Counting objects: 5, done.  
Delta compression using up to 8 threads.  
Compressing objects: 100% (2/2), done.  
Writing objects: 100% (3/3), 292 bytes, done.  
Total 3 (delta 1), reused 0 (delta 0)  
To git@github.com:socialevils/DAT6-git-lab.git  
    15eba2b..af38f37  REPLACE_WITH_YOUR_BRANCH_NAME ->  
REPLACE_WITH_YOUR_BRANCH_NAME
```

```
$ git checkout master
$ git remote add fidsteve https://github.com/fidsteve/DAT6-git-lab
$ git pull fidsteve master
From https://github.com/fidsteve/DAT6-git-lab
  * branch                master          -> FETCH_HEAD
Updating 616e974..025b81a
Fast-forward
  OTHER_FILE | 0
  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 OTHER_FILE
$ ls
OTHER_FILE README.md  first_file
$ git checkout REPLACE_WITH_ANOTHER_NAME
Switched to branch 'REPLACE_WITH_ANOTHER_NAME'
$ ls
README.md  first_file
```

```
$ git merge master
Updating 616e974..025b81a
Fast-forward
  OTHER_FILE | 0
  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 OTHER_FILE
$ ls
OTHER_FILE README.md  first_file
```

```
$ git checkout REPLACE_WITH_YOUR_BRANCH_NAME
$ echo "a great idea" > REPLACE_WITH_ANOTHER_NAME
$ git add REPLACE_WITH_ANOTHER_NAME
$ git commit -m "this was worth a try"
[REPLACE_WITH_YOUR_BRANCH_NAME 89d84a4] this was worth a try
 1 file changed, 1 insertion(+), 4 deletions(-)
$ cat REPLACE_WITH_ANOTHER_NAME
a great idea
```

```
$ git revert 1c5fcfaaecb2a1909b24b6579cd8e550a1308cc7
commit Revert "this was worth a try"
Author:
Date:   This reverts commit 1c5fcfaaecb2a1909b24b6579cd8e550a1308cc7.

    # Please enter the commit message for your changes. Lines starting
    # with '#' will be ignored, and an empty message aborts the
commit.
Author: # On branch REPLACE_WITH_YOUR_BRANCH_NAME
Date:   # Changes to be committed:
    #       (use "git reset HEAD <file>..." to unstage)
    #
$ git #,.....modified:   REPLACE_WITH_ANOTHER_NAME
[REPL #
try"
    1 file changed, 1 insertion(+), 1 deletion(-)
$ cat REPLACE_WITH_ANOTHER_NAME
new stuff
```

...nothing to see here.

**...go back.**