Github tutorial

**Branching**

Create a new directory and initialize a Git repository. We are going to create a directory named "tutorial".

$ mkdir tutorial  
$ cd tutorial  
$ git init  
Initialized empty Git repository in /Users/eguchi/Desktop/tutorial/.git/

Create a new file named "myfile.txt" in the tutorial directory and commit.

Git commands even a monkey can understand  
$ git add myfile.txt  
$ git commit -m "first commit"  
[master (root-commit) a73ae49] first commit  
1 files changed, 1 insertions(+), 0 deletions(-)  
create mode 100644 myfile.txt

Let's create a new branch with the name "issue1".

Use the branch command with a name to create a new branch with that name.

$ git branch

Create a new branch named issue1.

$ git branch issue1

If you do not specify any parameters, the branch command will list all branches that correspond to this repository. The asterisk indicates the current active branch.

$ git branch  
issue1  
\* master

**Switch branches**

Switch over to the branch "issue1" when you want to add new commits to it.

Use the checkout command to switch branch.

$ git checkout <branch>

Switch to the branch "issue1" by doing the following.

$ **git checkout issue1**  
Switched to branch 'issue1'

**Delete branches**

Now that "issue1" has been successfully merged with "master", we can delete it.

We can delete a branch by calling the branch command and passing in the -d option, followed by the branch name.

$ git branch -d <branchname>Run the following command to delete "issue1".$ git branch -d issue1  
Deleted branch issue1 (was b2b23c4).

We can verify that "issue1" has been deleted by calling "git branch". Only the master branch should be listed.

$ git branch  
\* master