`git` "Cheat Sheet"

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Abstract

This is a simple few notes that will hopefully form something like a "cheat sheet" for folks using git, and e.g. github. Slightly "meta"-ly, I've uploaded this file to github: `https://github.com/d80b2t/git_cheatsheet/`.

1 My github accounts

npr247
d80b2t

1.1 notes

On Jul 23, 2014, at 7:37 PM, Nic Ross <npross@lbl.gov> wrote:

Gang,

In an effort to get our code repository going, here's my github details:
https://github.com/d80b2t
https://github.com/d80b2t/spies
https://github.com/d80b2t/group_code

So, after creating a repository, you can go to that repository, click settings, and click "collaborators" to add collaborators. I have done this for John and Rob for the https://github.com/d80b2t/group_code repository.
Thanks, Nic

2 git Notes

2.1 To Check-out:

```
> git init
> git clone [url]
```

e.g.
```
> git clone https://github.com/crazygirl9991/SeniorResearch
```

2.2 Status check:

```
> git status
```

2.3 Update your local branch:

```
> git pull
```

2.4 To Add new files/material:

```
> git add
> git commit -m "[descriptive message]"
```

2.5 To then place on repository:

```
> git push
```

2.6 Version Control Basics (1)

```
> git log
```
will give the log of commits, where the beginning of the hash (which will be something a bit crazy like 80dd432df626ebf67d75adbd75bf0fad2a01f024E) is also the 'revision number', in this case:
Latest commit 80dd432 6 minutes ago

```
> git log --pretty=oneline
```
looks better ;-), or even:

```
> git log --pretty=format:"%h - %an, %ar :  %s"
```

3 Things to learn...

git remote add <name> <ur*l* >

https://help.github.com/articles/removing-a-remote/

http://gitref.org/remotes/

4   Useful URLs

http://stackoverflow.com/questions/5617211/what-is-git-remote-add-and-git-push-origin-master
https://help.github.com/articles/git-cheatsheet/ for the e.g. github-git-cheat-sheet.pdf

https://github.com/AlexZeitler/gitcheatsheet