

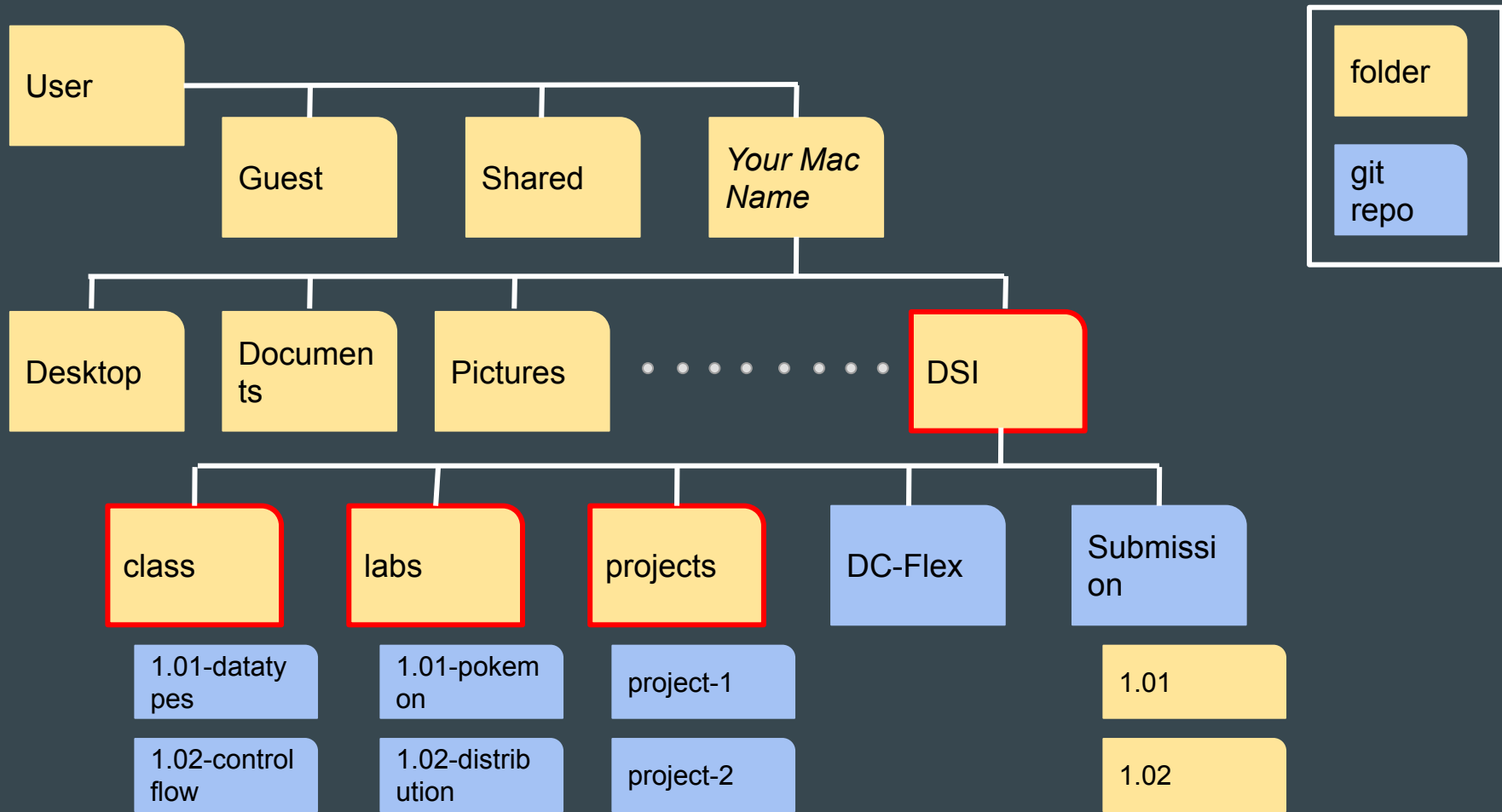
# Git-busters | day-to-day basics

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# Git | GitHub | GHE

- Git : version controls
- GitHub : social networks of programmers/ share codes by using git
- GHE(GitHub Enterprise) : closed github service. GA purchases github spaces [git.generalassemb.ly](https://git.generalassemb.ly)
- Git Bash : emulate bash commands in the Windows



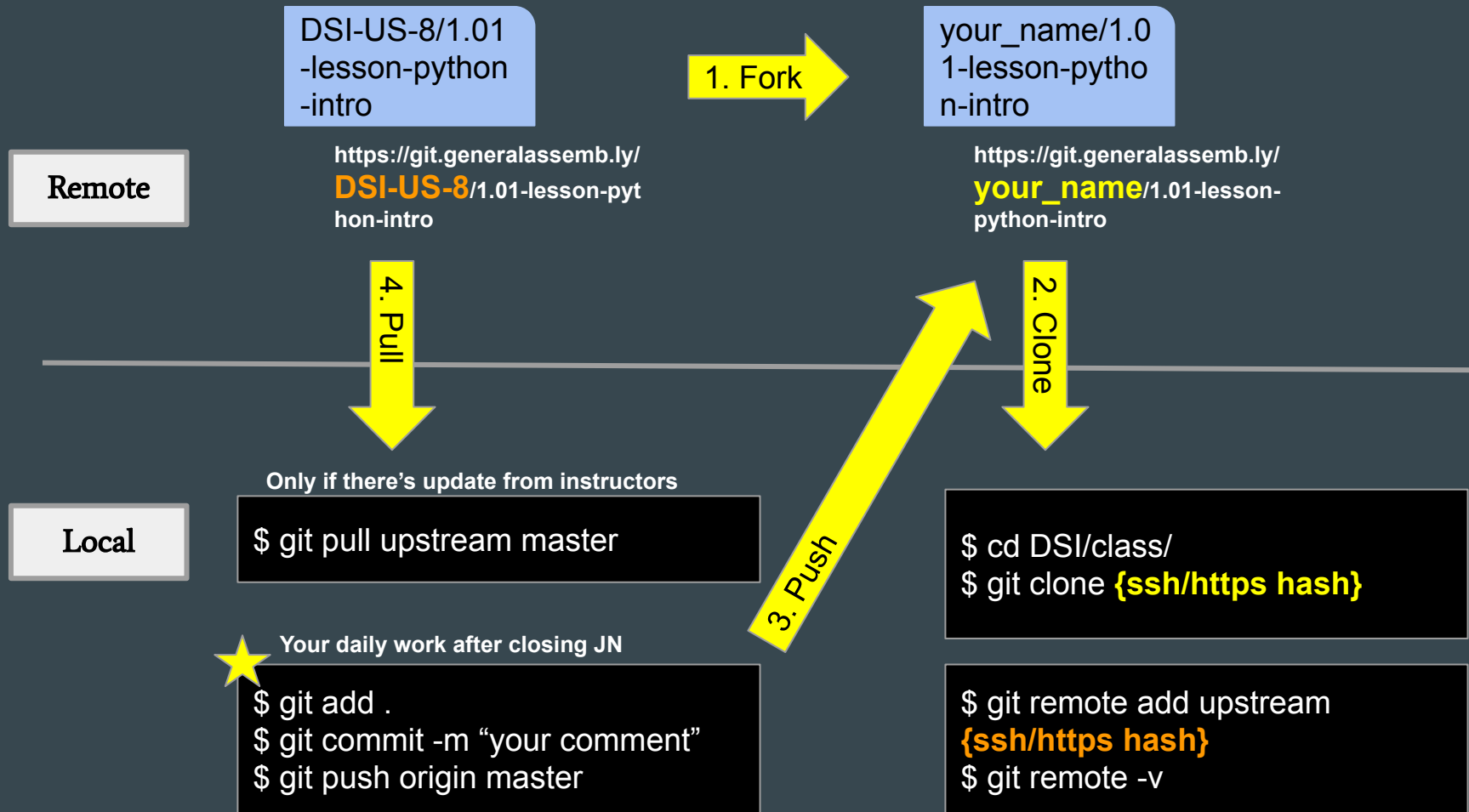
# Task 1. - Clean up your DSI folder + git repository

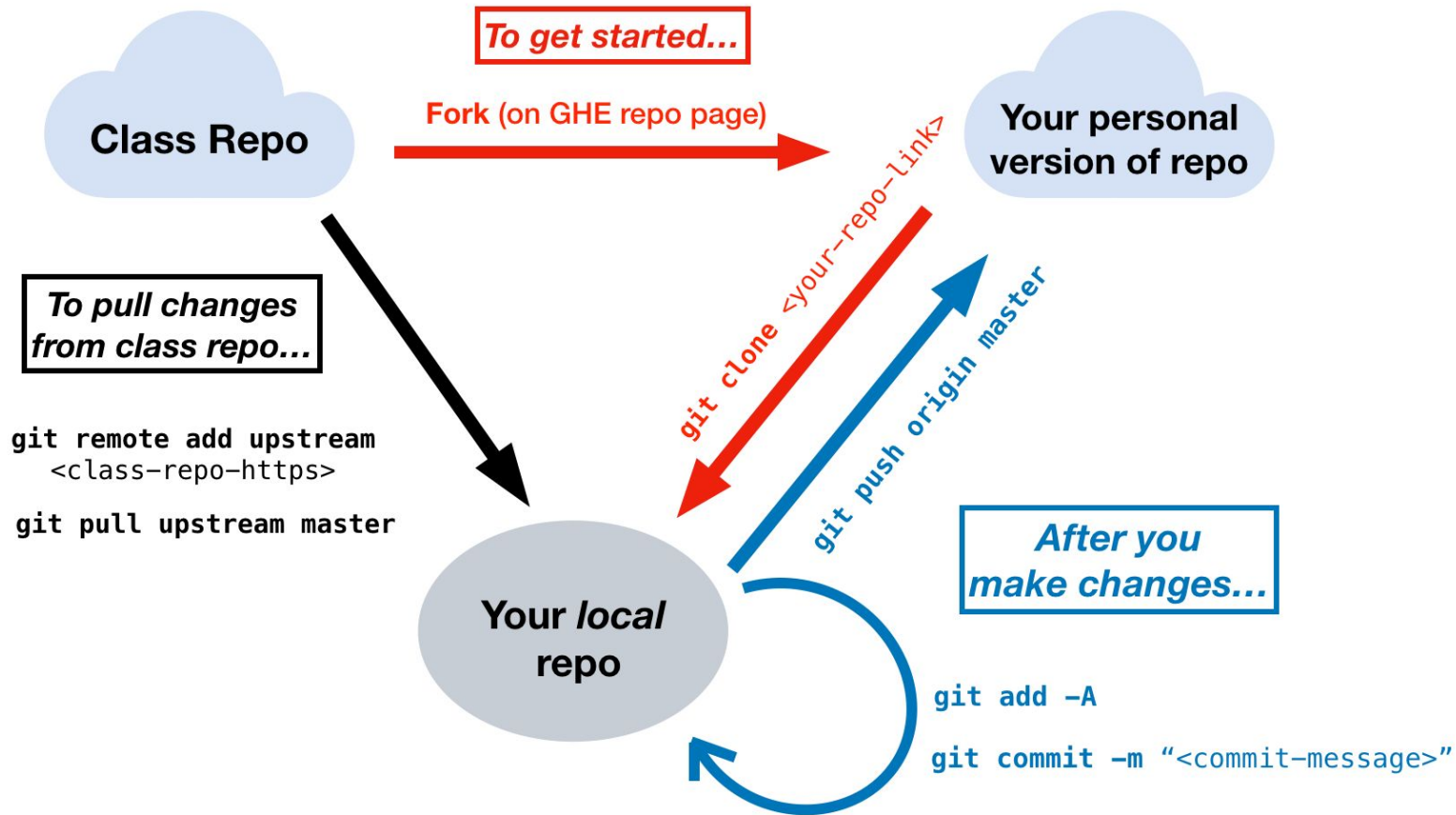
1. Create DSI folder here - /Users/yourname/DSI , which is parallel to /Desktop/
  - DO NOT PUT under /Desktop/ - this will sync with other iOS devices if you opt-in icloud sharing.
2. Create subfolders in DSI - class, labs, projects (*name can be vary*)
3. You can now move your git repo into the right path
  - ex) mv 1.01-lab-pokemon /DSI/labs/

## Common Errors

- Fork + Clone it down to your class materials/labs under **DC-Flex/Week-01/**
- ◆ DC-Flex itself is a git repository, you will never clone another git repo into current git repo







# Your day to day work

- Class materials

```
$ cd DSI/class/  
$ git clone {ssh/https hash}
```

```
$ git remote add upstream {ssh/https hash}  
$ git remote -v
```

```
$ git add .  
$ git commit -m "your comment"  
$ git push origin master
```

```
$ git pull upstream master
```

- Labs

```
$ cd DSI/labs/  
$ git clone {ssh/https hash}
```



DSI/labs/1.01-po  
kemon

DSI/submission/  
1.01-pokemon

Once you cloned lab:

1. `mkdir 1.01-pokemon` in the submission
2. manually copy files to the submission/1.01-pokemon  
**(DO NOT COPY ENTIRE FOLDER - that's git-in-git!)**
3. Start your lab in the submission

```
$ git add .  
$ git commit -m "your comment"  
$ git push origin master
```

## Task 2. - Create `submission` repo

- In order to pile multiple labs/projects in one space
- Your submission stays between you and the instructional team only.

\* create repo in GHE > add collaborators(AdiBro, and your TAs)

## Common Errors

- Copy entire lab repo into submission repo. (this is git-in-git error!) ❌
  - ◆ mkdir in submission repo, then selectively copy+paste/move files to submit



## Task 3. - Create `.gitignore` file

- You can designate file/path to be ignored, not to be committed/pushed
- You are not allowed to upload file larger than 100Mb
- github is not a storage, rather sharing your code. Not a place to store large file

**Open up your text editor**