

Utilities commands

Andy Kim

GIT

- `git clone https://github.com/iburn78/documentation`
- `git init`
- `git add <file name>`
- `git commit <file name>`
- `git status`
- `git push`
- `git pull` (once git is cloned, pull checks updates)
- `git config credential.helper store` # enables to save id/pwd in local git

Docker

- `docker pull <image name>` (from Docker Image Repository or Docker hub)
- `docker images`
- `docker ps -a`
- `docker start <container id>`
- `docker attach <container id>`
- `ctrl+p q`: escape from the container
- (once escaped) enter with `$docker attach <container id>`
- `docker run -i -t <image name> /bin/bash` # e.g., `$ docker run -i -t continuumio/miniconda3 /bin/bash`
- To save a image:
 - `$ docker ps -a`
 - `$ docker commit <container id> <new image name>:<tag>` # e.g., `$ docker commit <container id> mlearn:init`
 - `$ docker run -i -t mlearn:init /bin/bash` /# “/bin/bash” might be skipped
- To mount a folder (e.g., home)
 - `$ docker run -i -t -v /c/Users/andy.kim/docker_home:/docker_home_in_image mlearn:init /bin/bash`

Tmux

- `ctrl+b, c`: create window
- `ctrl+b, w`: list windows
- `ctrl+b, n p`: next / previous window
- `ctrl+b, &z`: kill window
- `ctrl+b, , f`: name / find window
- `ctrl+b, % “`: vertical / horizontal split
- `ctrl+b, o`: switch pane
- `ctrl+b, <space>`: toggle between layouts