ELE101-4 GitHub Classroom Entrepreneurship

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Outline

- Quick review of last week
- git review
- conda discussion
- GitHub Classroom
- Entrepreneurship

Key Points to Remember

Some important points about the course

- Always bring your laptop to class
- Every user must have an account on **GitHub**
- Make installments required for the course into your laptop ASAP
- Check your TOBB ETU e-mail for any updates!
- Do not forget to sign in the attendance list!

Last Week

- Slides: https://github.com/ELE101-2526Spring/Course
- We have learned
    - how to use git from command prompt
    - git commands: clone, status, add, commit, push
    - Linux commands
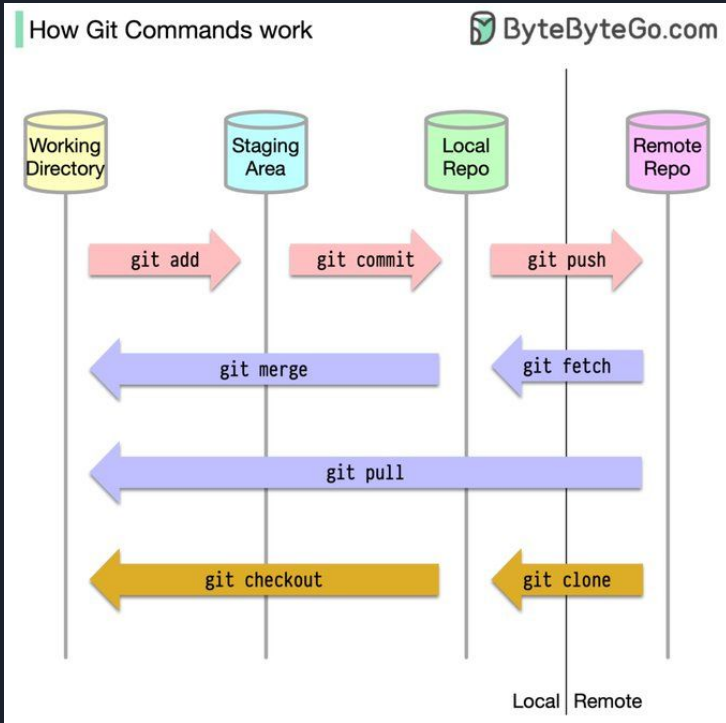
Git

- Why do we learn Git?

Required Qualifications

- …
- …

- *Experience with version control systems (e.g., Git) and CI/CD tools*

Git

- Git CMD or Git BASH
- git config needs to be done only once
- Always check with git status first!
- 3-stages
  1. Working directory
     - git clone *your_repo_name*
  2. Staging Area
     - git add .
  3. Repository
     - git commit -m "your message"
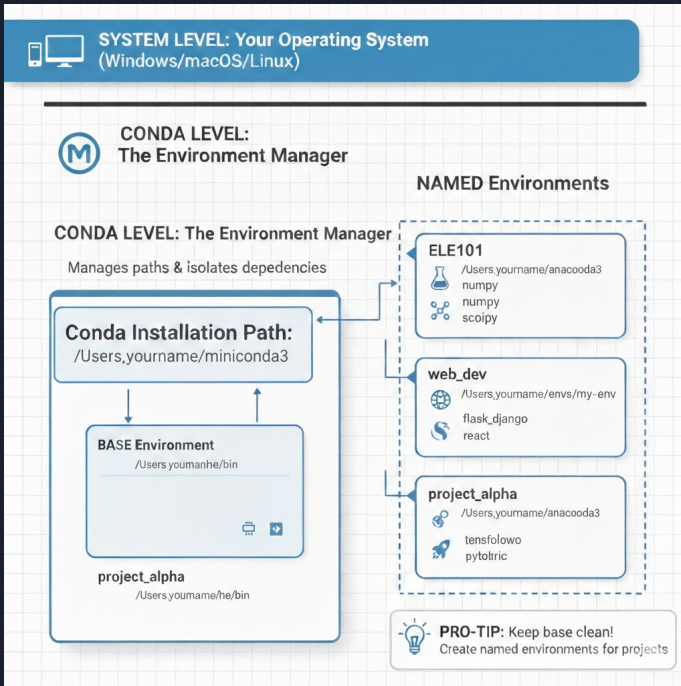- Remote (server) update
  - git push

Git

Course Repo

- You can find slides in the Course repo
- Change directory to your repo in your machine
- Use git pull command to update

conda

How to use conda environment

- First, launch a miniforge prompt
- Then, type
  - *conda env list*
  - *cd {path}*
  - *conda activate ELE101*
  - *jupyter-lab or jupyter lab*

conda vs docker

Feature	Conda (Environments)	Docker (Containers)
What is isolated?	Python versions and library packages.	The entire Operating System, libraries, and files.
Dependency Scope	Focuses on software libraries (e.g., NumPy, Scipy).	Includes the OS (e.g., Ubuntu), system tools, and software.
Portability	Works if the other person has Conda installed.	Works on any machine that runs Docker, regardless of OS.
Size	Lightweight (Megabytes).	Heavier (Gigabytes, though optimized).

Welcome to **GitHub Classroom**

1. Click on the assignment link

2. Authorize GitHub Classroom

3. Find yourself on the class roll

4. Match correctly, if you make error contact me!

5. Click on the "Accept this assignment" button.

6. Having accepted the assignment, a new repo will be created for you!.

7. Check your e-mail associated with GitHub for any pending invitation!

8. Read the README file to what to do!

Assignment Submission

- Clone assignment repo into your PC
- change to your local directory (using cd command)
- Follow instructions in the README file
- Submit your assignment using git commands
  - *git add .*
  - *git commit - m "something here"*
  - *git push*

Entrepreneurship

- Airbnb's key milestones

Milestone	Event
2007	Hosting the first guests on air airbeds in their living room.
2008	Raising seed capital by selling election-themed breakfast cereals.
2009	Name shortened to "Airbnb"
2011	International expansion began and the company reached "Unicorn" status ($1 billion valuation).

Thanks!
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