

# Git, Github, and Github desktop

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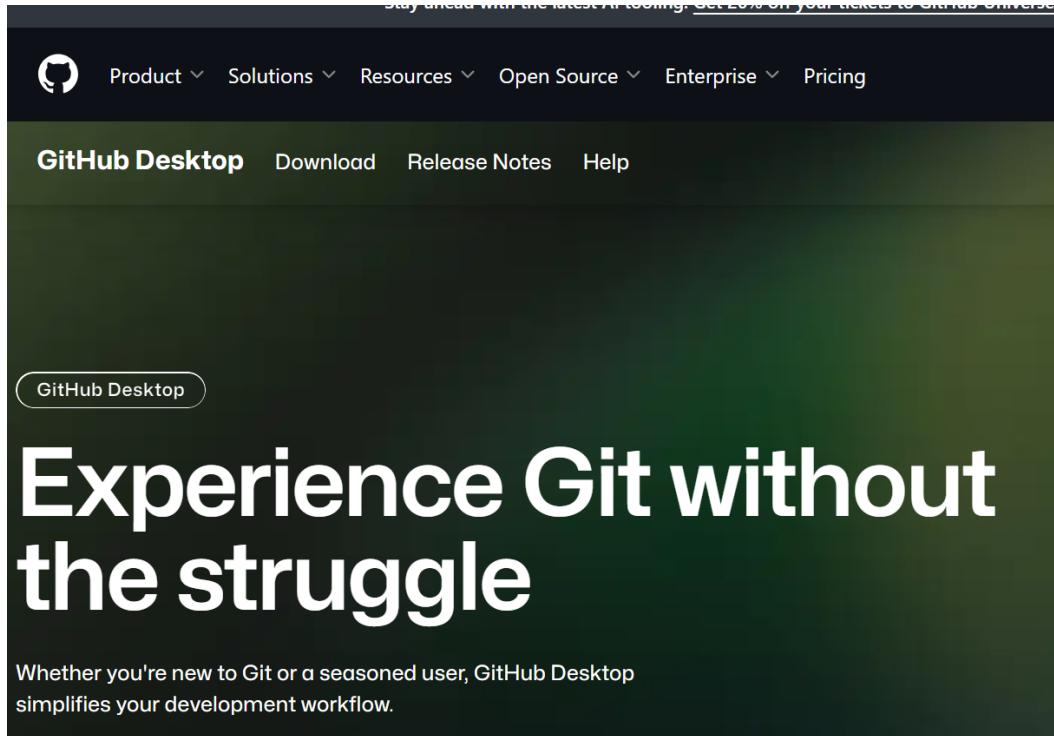
## 1 What is Git, Github, and Github desktop?

### 1.1 Git



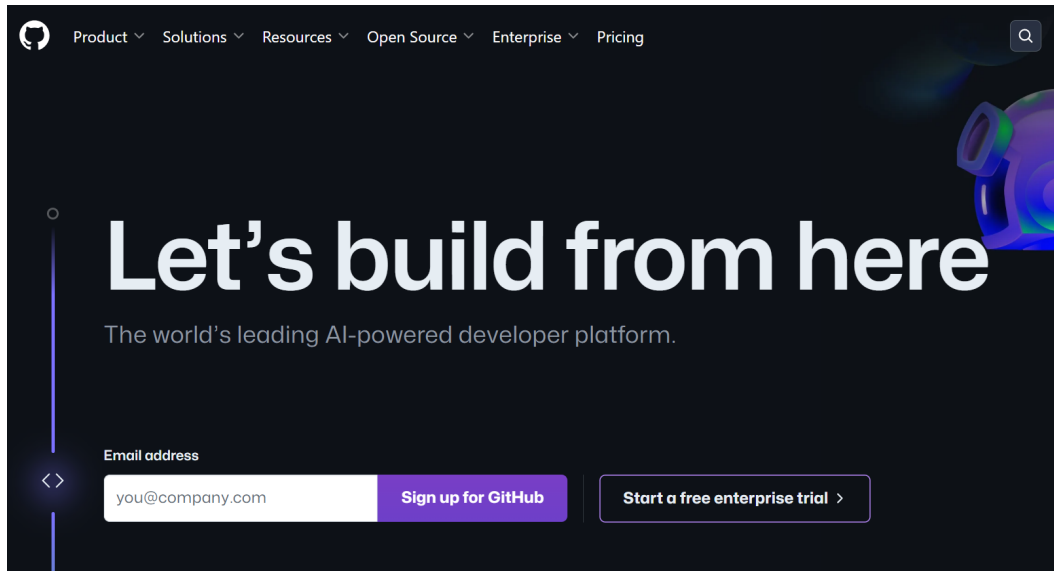
- Git is the actual executable file that you can run using the command prompt.
- Version Control System: Tracks changes to files.
- Each time you make a major change to your code, create a save point!
- A git repository is the '.git/' folder inside of a project. This repository tracks all changes made to files in your project, building a history over time.

## 1.2 Github Desktop



- A desktop app to run git using a graphical interface.

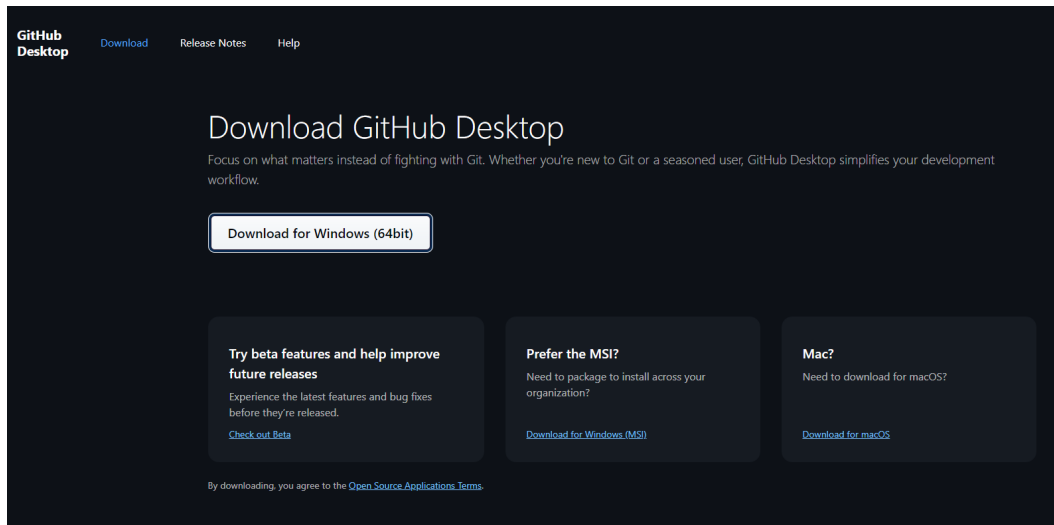
## 1.3 Github



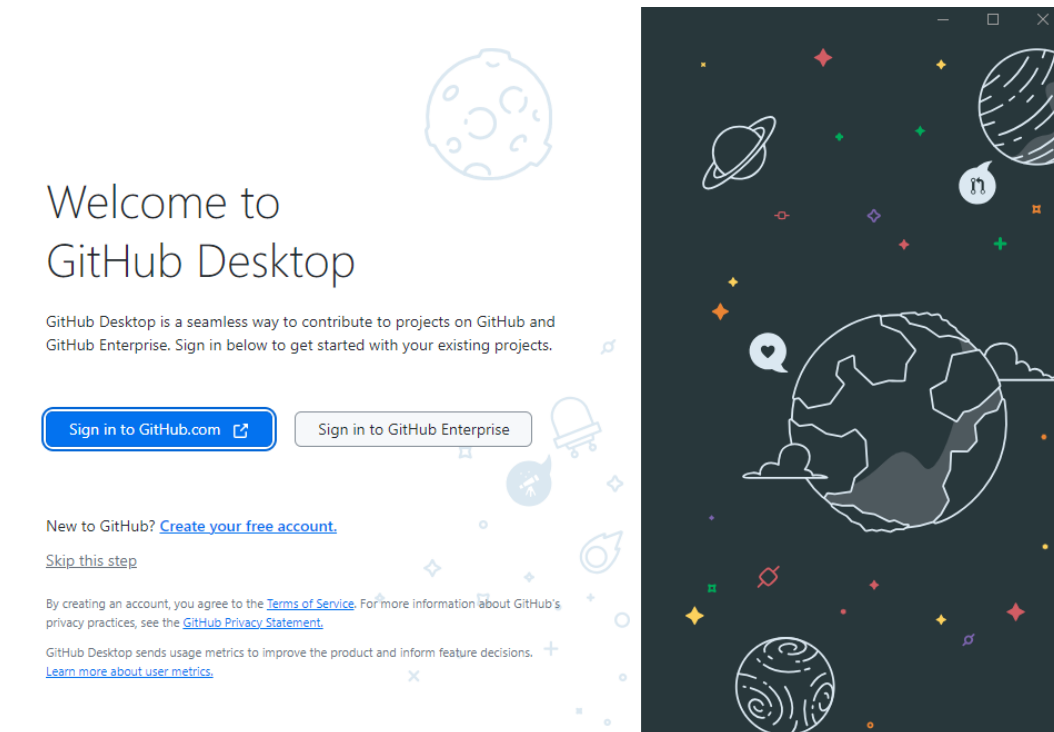
- A website to host git repositories (A collection of save points that you or your collaborators make on a project).
- GitHub makes collaborative coding easy: Many people can work on the same project at the same time with minimal conflicts.

## 2 Downloading GitHub Desktop and cloning a remote repository

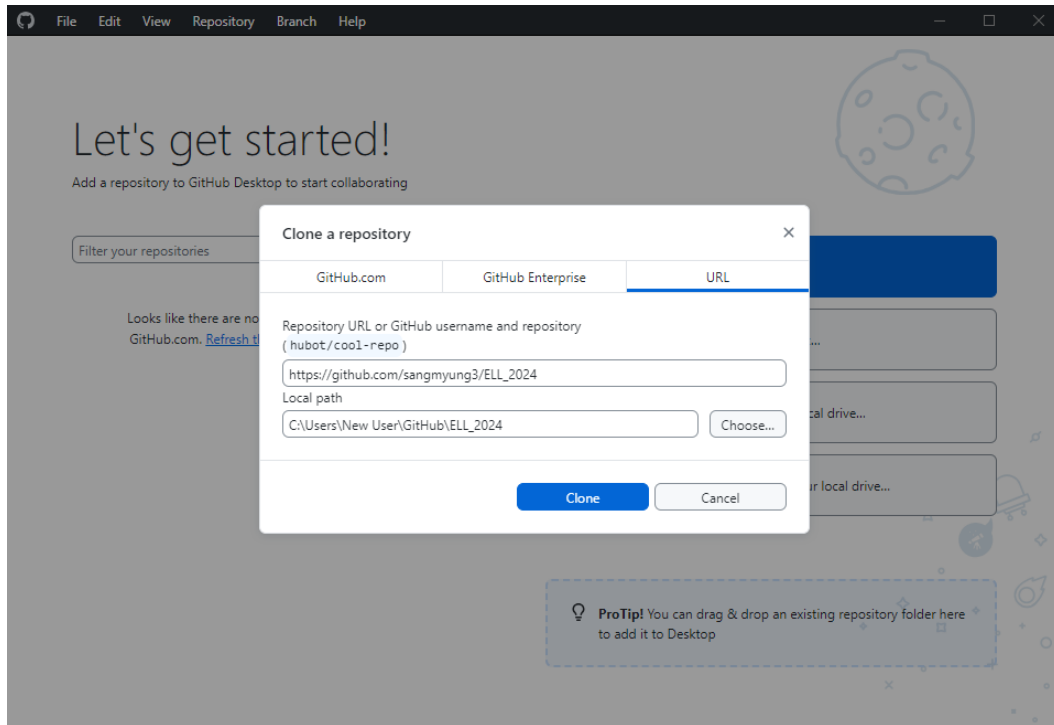
1. Download the GitHub Desktop.



Sign in with your GitHub account or create a new account when prompted.



2. Clone our git repository: 'ELL\_2024'.



Clone the project 'ELL\_2024' using the URL 'https://github.com/Sangmyung3/ELL\_2024' on the local path of your choice. This will be where the git repository will be cloned.

### 3 Creating a new repository

Under the 'File' tab, click on the 'New repository'.

