



*pyladies*

**WELCOME**  
**WE'RE GLAD YOU'RE HERE!**

# Plan for today

1. **Get your Laptops ready!**
  - a. Install Python
  - b. Install Editor
  
2. **Git & GitHub**
  - a. Github account
  - b. Install Github Desktop
  - c. Create Repository
  - d. Push

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# Find your group to start with the Set up

If possible: Group by operating system

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# Windows

- **Go to the webpage:**  
<https://tutorial.djangogirls.org/en/installation/#install-python>
- **Install Python 3.6.3**



# Mac OS

- **Install Homebrew**  
(package manager)
- **Install Pip**  
(Python package manager)
- **Install Pyenv**  
(Python version manager)
- **Install Python 3.6.3**



# Linux

- **Install Pip**  
(Python package manager)
- **Install Pyenv**  
(Python version manager)
- **Install Python 3.6.3**

# Mac OS

- Go to the webpage:  
`http://docs.python-guide.org/en/latest/starting/install3/osx/`
- Install OSX-GCC-Installer
- Install Homebrew with Curl command  
DON'T INSTALL PYTHON3 WITH BREW!!!
- Install Pyenv  
Go to: <https://github.com/pyenv/pyenv-virtualenv> -> chapter: Installing with Homebrew and follow the steps
- Create your Python environment with the command:  
`pyenv virtualenv workshop-3.6.3`  
`pyenv activate workshop-3.6.3`
- Install Python 3.6.3

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# Install Sublime Text

[www.sublimetext.com/3](http://www.sublimetext.com/3)

(or every other code editor you like)



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What is:

Git?

GitHub?

GitHub Desktop?



git



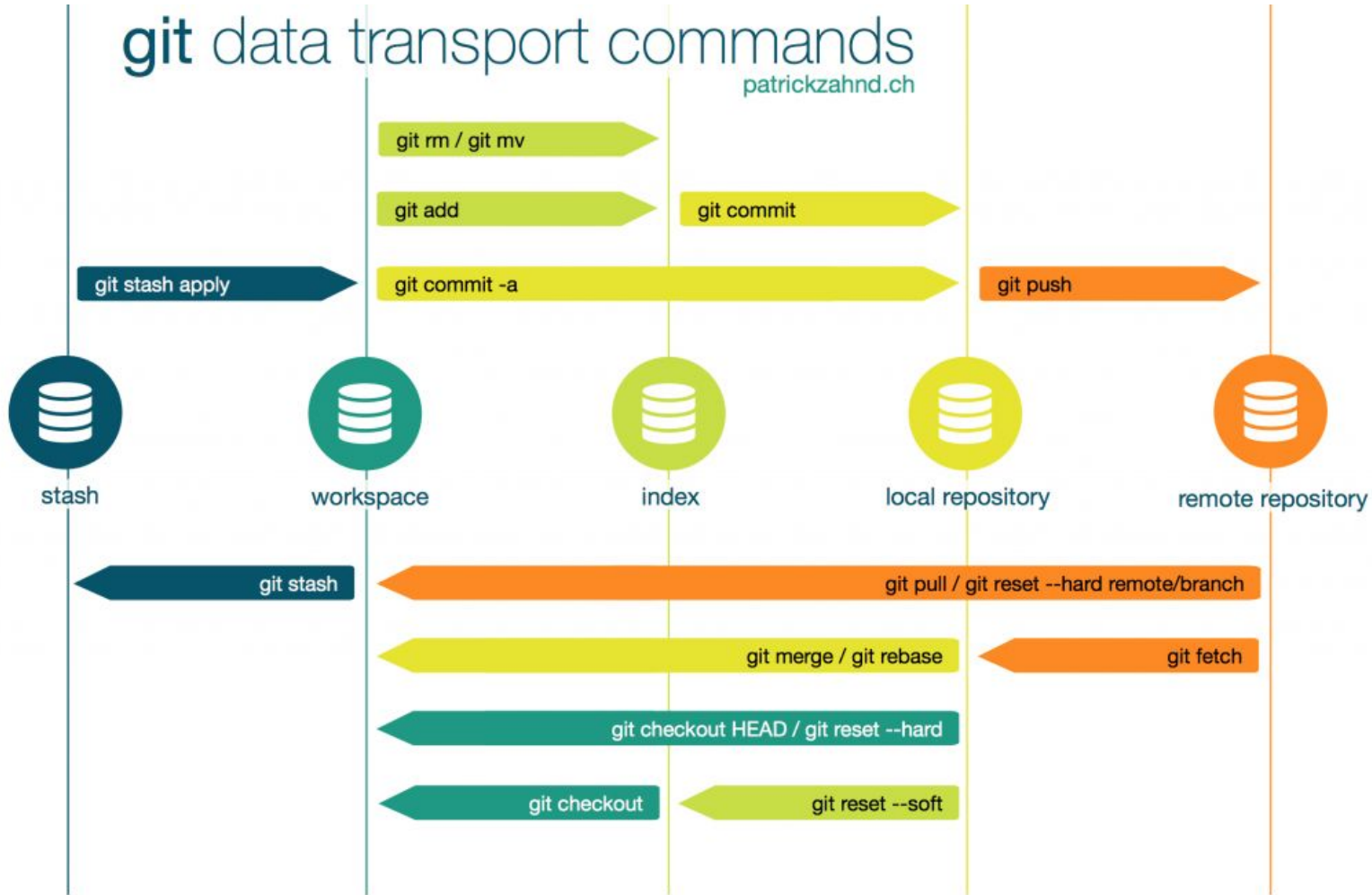
# Version control system for tracking changes in computer files





# git data transport commands

patrickzahnd.ch



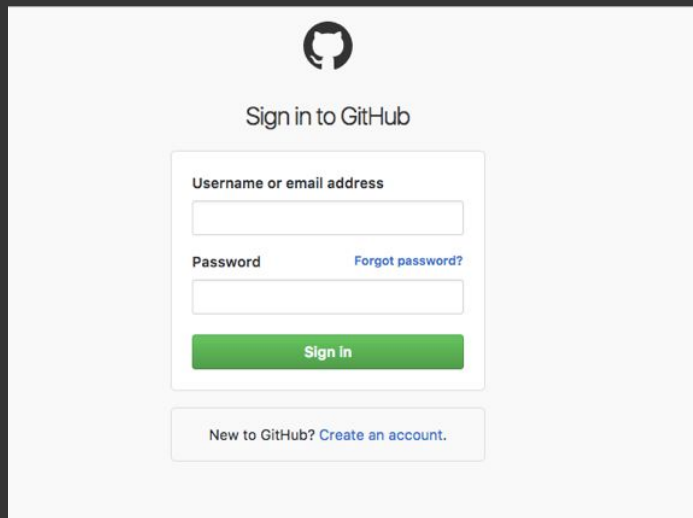
—

**Git** >> Version control

**GitHub** >> website & hosting  
service for git stuff

**GitHub Desktop** >> Software  
for first steps in git/github

# Create an account on: github.com



The image shows the GitHub sign-in page. At the top is the GitHub logo. Below it is the text "Sign in to GitHub". There are two input fields: "Username or email address" and "Password". Below the password field is a link "Forgot password?". A green "Sign in" button is below the fields. At the bottom, there is a link "New to GitHub? Create an account."

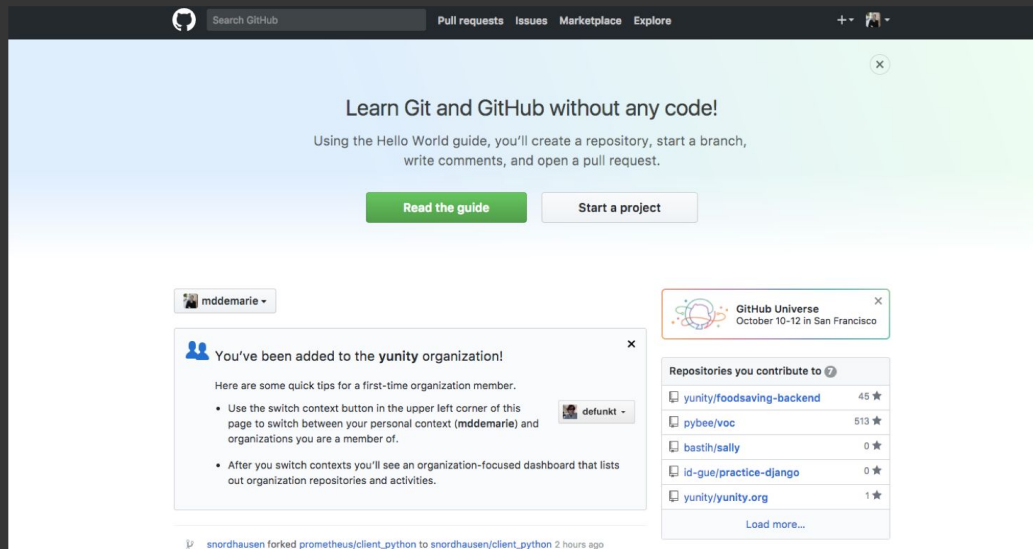
Sign in to GitHub

Username or email address

Password [Forgot password?](#)

Sign in

New to GitHub? [Create an account.](#)



The image shows the GitHub home page. At the top is the GitHub logo and a search bar. Below the search bar are links for "Pull requests", "Issues", "Marketplace", and "Explore". The main heading is "Learn Git and GitHub without any code!". Below this is a subheading "Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request." There are two buttons: "Read the guide" and "Start a project". Below these are two notifications: "You've been added to the yunity organization!" and "GitHub Universe October 10-12 in San Francisco". At the bottom right is a section "Repositories you contribute to" with a list of repositories.

Search GitHub

Pull requests Issues Marketplace Explore

Learn Git and GitHub without any code!

Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request.

Read the guide Start a project

You've been added to the yunity organization!

Here are some quick tips for a first-time organization member.

- Use the switch context button in the upper left corner of this page to switch between your personal context (mddemarie) and organizations you are a member of.
- After you switch contexts you'll see an organization-focused dashboard that lists out organization repositories and activities.

Repositories you contribute to

yunity/foodsaving-backend	45 ★
pybee/voc	513 ★
bastih/sally	0 ★
id-gue/practice-django	0 ★
yunity/yunity.org	1 ★

Load more...

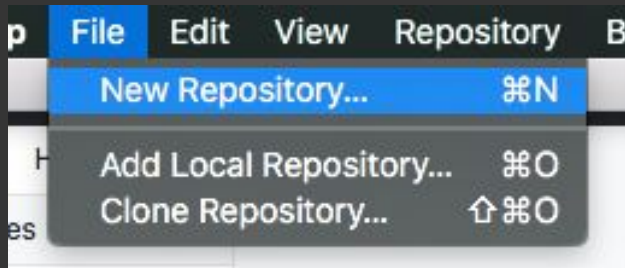
# Install GitHub Desktop

[desktop.github.com](https://desktop.github.com)



And open it.

# Create Repo



Create a New Repository ✕

Name

Description

Local Path  
 Choose...

☒ Initialize this repository with a README

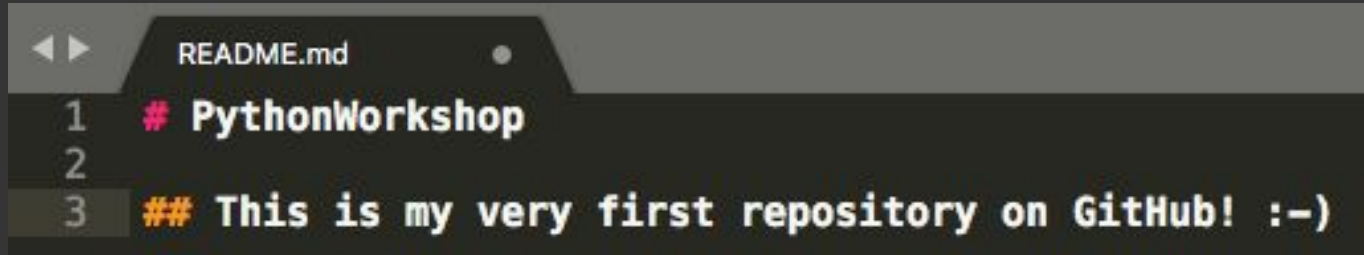
Git Ignore

License

Cancel Create Repository

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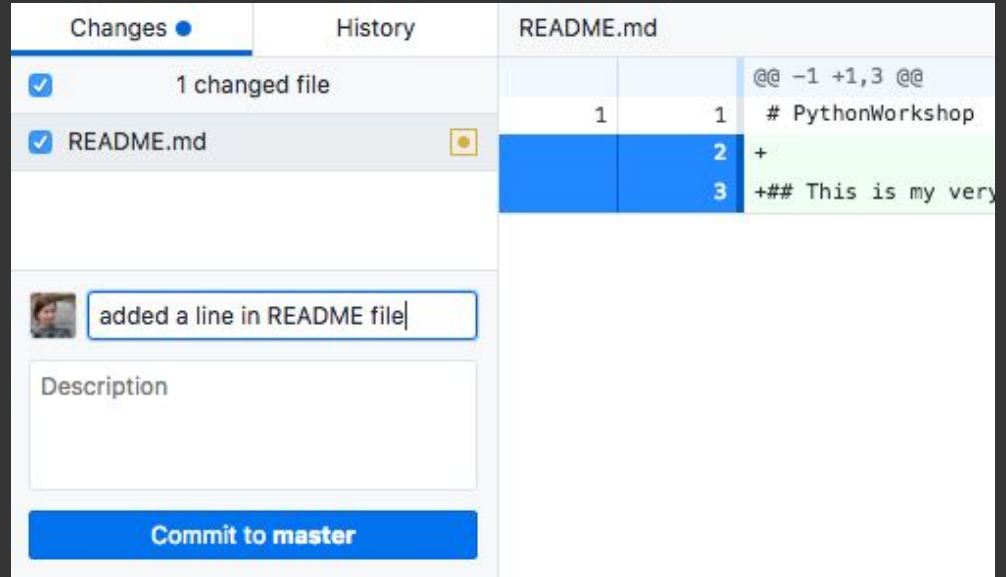
# Open README.me in Sublime, **add some text and save it.**

A screenshot of the Sublime Text editor interface. The title bar at the top shows 'README.md'. The editor area has a dark background with light-colored text. Line numbers 1, 2, and 3 are visible on the left. The text content is: line 1: '# PythonWorkshop' (the '#' is pink), line 2: (empty), line 3: '## This is my very first repository on GitHub! :-)' (the '##' is orange).

```
1  # PythonWorkshop
2
3  ## This is my very first repository on GitHub! :-)
```

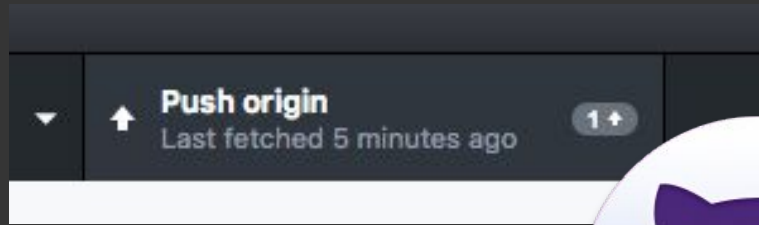
# Changes in GitHub Desktop?

## >> commit!



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# Push it and find it on github.com





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# Congrats! You made your first commit!!!

See you tomorrow at 10:00. \o/  
Thanks to: PyLadies, SoundCloud  
and all of our great coaches!!!

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