



GDSC KALINDI

Open Sourcing your developer journey

Date: February 9, 2022

01

Contents

02

SECTION 1:

OPEN SOURCE

Basics

Examples

How can you contribute?

Finding Projects

SECTION 2:

GITHUB

Version Control System

Git

Github

Setting up Git & connecting GitHub

Contributing

SECTION 3:

EVENTS

Famous events

Openforce

Basics

- Open Source Software
- Owner
- Making money through the open source software



GDSC KALINDI

Examples



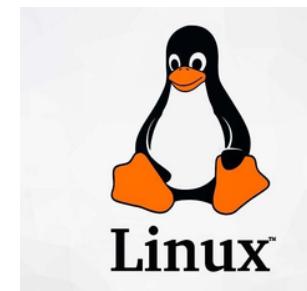
Apache



Red Hat



PyTorch



php

brave



POWERED BY
MySQL



Why should I contribute to open source?

How can I contribute?

#1 THERE IS NOT JUST ONE WAY.

#2 CHECK THE CURRENT REQUIREMENT IN A PROJECT AND FIND YOUR PLACE.

#3 MAKE SURE TO CHECK GUIDELINES & CODE OF CONDUCT BEFORE CONTRIBUTING (READ.MD FILE).

Finding Projects

1

FIRST TIMERS ONLY

2

FIRST CONTRIBUTIONS

3

OPEN SOURCE FRIDAY

4

24 PULL REQUESTS

5

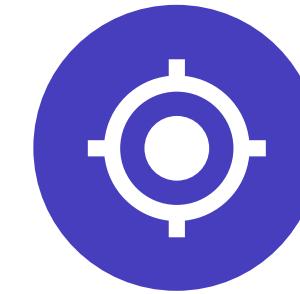
CODE TRIAGE

6

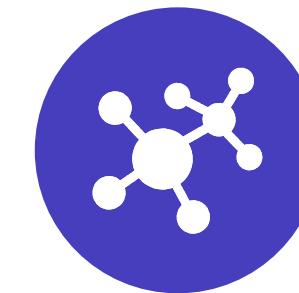
PYTHON PROJECT SCRIPTS

07

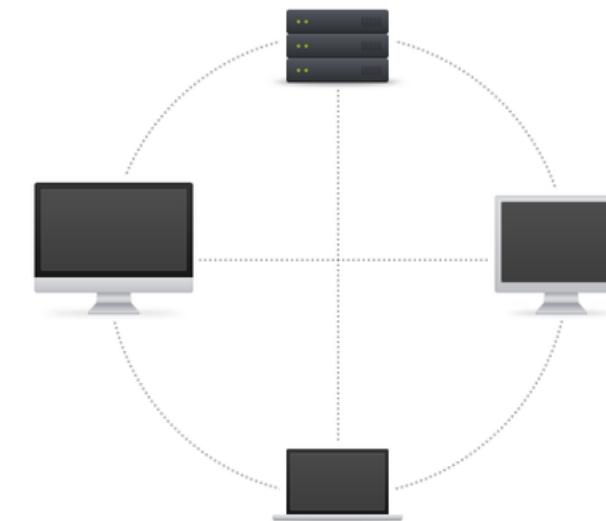
Version Control System



Centralized Version Control



Decentralized Version
Control (Distributed)

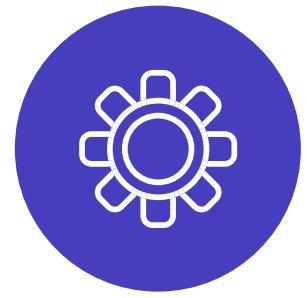


Git & its Stages



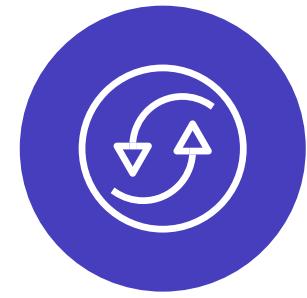
MODIFICATION

Every project needs some kind of modification.



STAGING

Letting the git know we want the modifications to affect the remote repository.



COMMITTING

Applying those changes to the remote repository.

Co-founders of GitHub



CHRIS WANSTRATH



TOM PRESTON-
WERNER



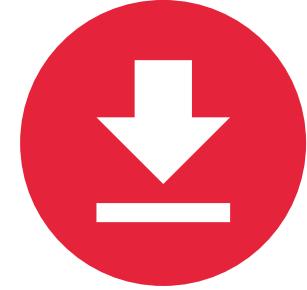
SCOTT CHACON



P. J. HYETT

COMMAND PT. 1:

Setting up git & connecting GitHub



#1 DOWNLOAD

[Download Git from
the official website.](#)



#2 FINISH

Finish installing the .exe file. The default options are suitable.

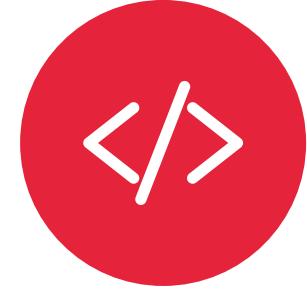


#3 GITHUB

Make an account on GitHub. Note down your username and email id somewhere.

COMMAND PT. 1:

Setting up git & connecting GitHub



#4 COMMAND

On the git bash terminal,

- 1) git config --global user.name "siddhiiguptaa"
- 2) git config --global user.email "siddhiiguptaa@gmail.com"



#5 HELP

For Linux and
MacOS

COMMAND PT. 2:

Setting up a repository



#1 REPOSITORY

Make a new repository on GitHub.



#2 REPO LINK

From code, take the HTTPS link of your repository.

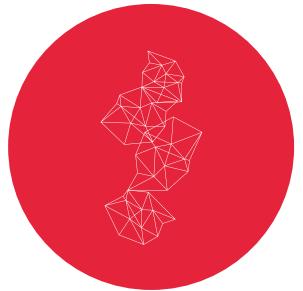


#3 DIRECTORY

Make a directory on your local machine.

COMMAND PT. 2:

Setting up a repository



#4 CLONE

\$ git clone (link of repository)



#5 ADD TO STAGING AREA

\$git add .

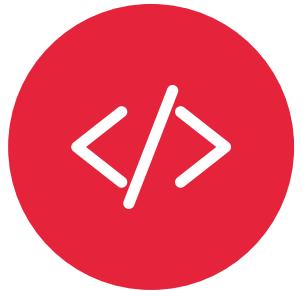


#6 STATUS

\$git status

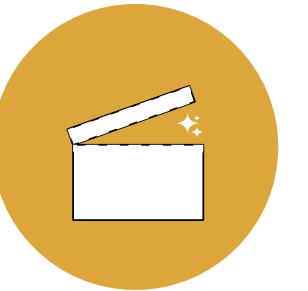
COMMAND PT. 2:

Setting up a repository



#7 COMMIT

```
$ git commit -m "My first  
commit"
```



#8 PUSH

```
$ git push
```



COMMAND PT. 3:

Contributing to projects

- 1) [Data School Article](#)
- 2) [Tensor flow Contribution Video](#)



SECTION 3:
Famous Events



GDSC KALINDI

OPEN FORCE 2022

Siddhi Gupta

Open Source Lead, GDSC Kalindi

LINKEDIN

siddhigupta

GITHUB

siddhiiguptaa

EMAIL ADDRESS

siddhi.gdsckalindi@gmail.com

16