

Developer Tools



Collaborate on Remote Repository



Github

- Github is an online service that hosts our projects.
- We can share our project code with other developers.
- Developers can download & give their contribution on shared or open source projects.
- Developers can re-upload their edits & merge them with the main codebase.



Getting Started

- Simply sign up & sign in on github.com

The screenshot shows a web browser at the URL <https://github.com/LintangWisesa>. The page displays the profile of a user named Lintang Wisesa. The profile includes a cartoon avatar of a man with glasses and a laptop, the name "Lintang Wisesa", the handle "LintangWisesa", and the bio "Not a nerd, just a geek :)". Location is listed as "Jakarta, Indonesia", email as "lintangwisesa@gmail.com", and a YouTube link as "https://www.youtube.com/user...". The profile statistics show 8 repositories, 0 stars, 2 followers, and 0 following. The "Popular repositories" section lists six repositories: "BasicNote_JavaScript" (JavaScript), "BasicNote_Python" (Python), "BasicNote_PHP" (PHP), "BasicNote_HTML" (HTML), "Purwadhika-JC04-01_JScfundamental" (JavaScript), and "DeployPage" (HTML). Each repository has a brief description. At the bottom, it shows "53 contributions in the last year" and a link to "Contribution settings".

GitHub, Inc. [US] | <https://github.com/LintangWisesa>

Search GitHub Pull requests Issues Marketplace Explore

Overview Repositories 8 Stars 0 Followers 2 Following 0

Popular repositories Customize your pinned repositories

BasicNote_JavaScript
Plain text note about fundamental JavaScript programming.
JavaScript

BasicNote_Python
Plain text note about fundamental Python programming.
Python

BasicNote_PHP
Plain text note about fundamental PHP programming.
PHP

BasicNote_HTML
Plain text note about fundamental HTML programming.
HTML

Purwadhika-JC04-01_JScfundamental
Materi Job Connector Purwadhika Batch 04 2018
JavaScript

DeployPage
Deploy a simple HTML web page
HTML

Lintang Wisesa
LintangWisesa
Not a nerd, just a geek :)
Jakarta, Indonesia
lintangwisesa@gmail.com
<https://www.youtube.com/user...>

53 contributions in the last year Contribution settings

Create Repo #1

Have a prepared local repo

- On Github, click **New Repo** & fulfill its option. Don't forget to copy its **online repo url**!
- On local repo, make sure you work on master and check all files are safe (no file on staging).

```
$ git checkout master
```

```
$ git status
```
- Set an alias to our **online repo url** (optional):

```
$ git remote add origin <repo_url>
```
- **Push** our local master branch to Github:

```
$ git push <repo_url> master
```

```
$ git push origin master
```
- Done! Check your repo on Github!

Create Repo #2

Don't have any local repo

- On Github, click **New Repo** & fulfill its option. Don't forget to copy its **online repo url**!

- On terminal, go to your project directory then **clone** or download the repo & happy coding!

```
$ git cd <project_dir>
```

```
$ git clone <repo_url>
```

- After edit the files, commit to local repo first:

```
$ git add .
```

```
$ git commit -m "added something"
```

- **Push** master branch to Github:

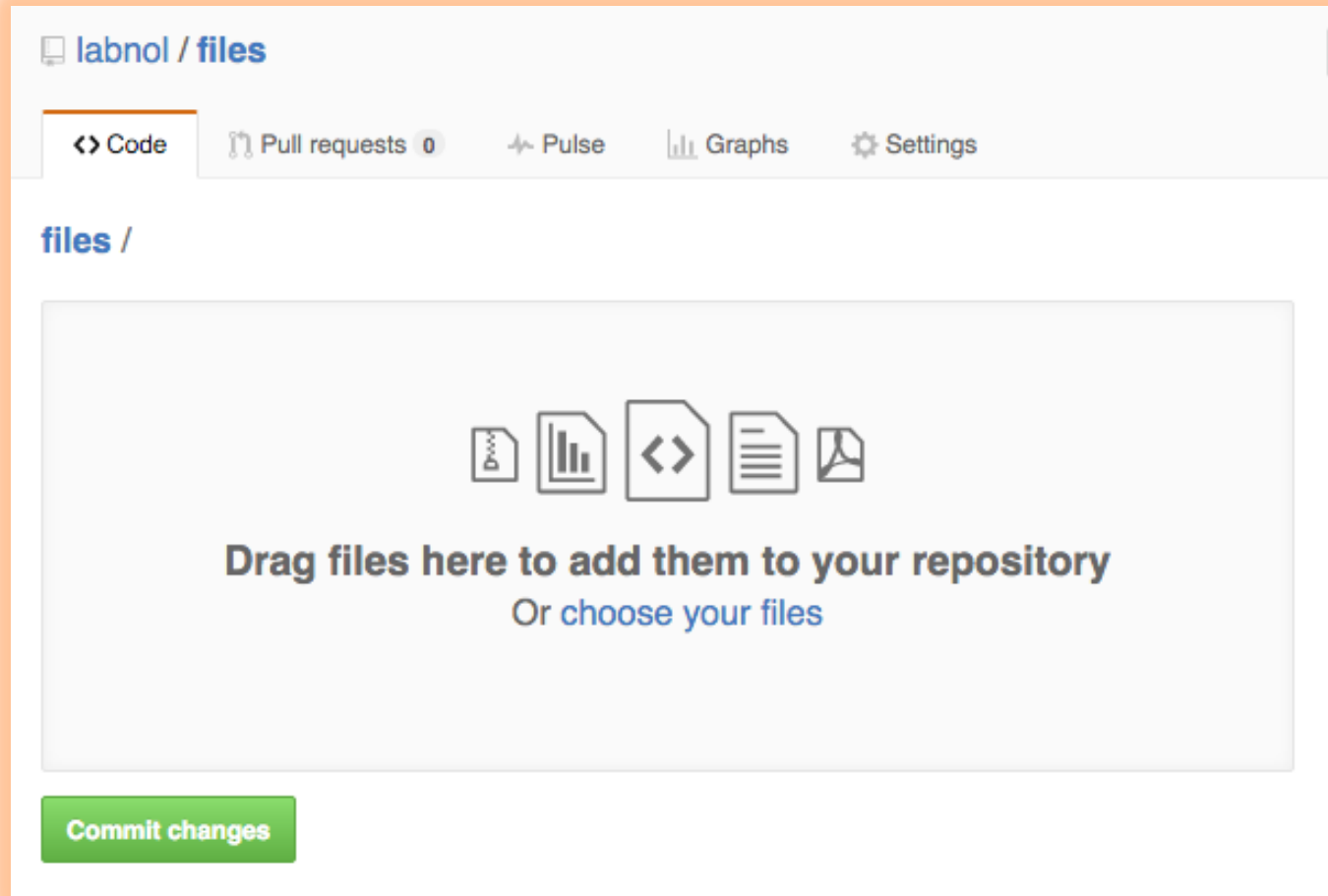
```
$ git push origin master
```

- Done! Check your repo on Github!

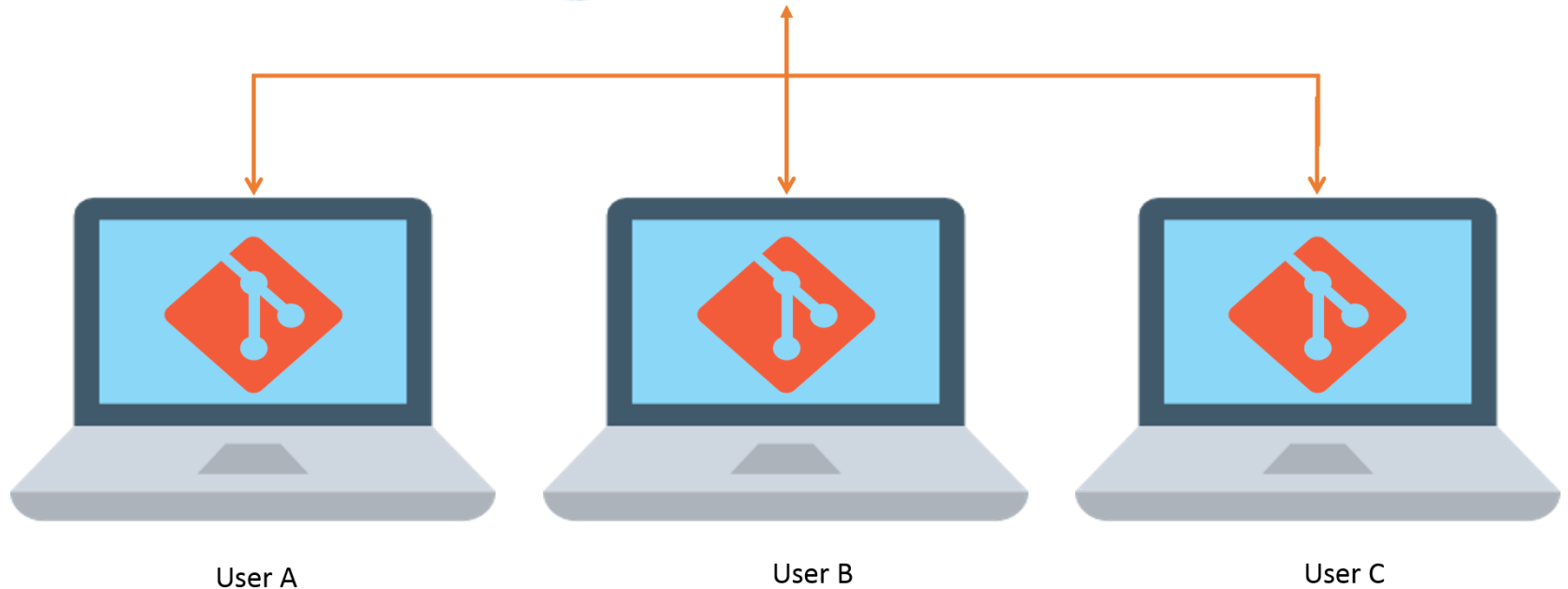
Create Repo #3

As simple as playing Instagram

- Just upload your directory to github, dude!



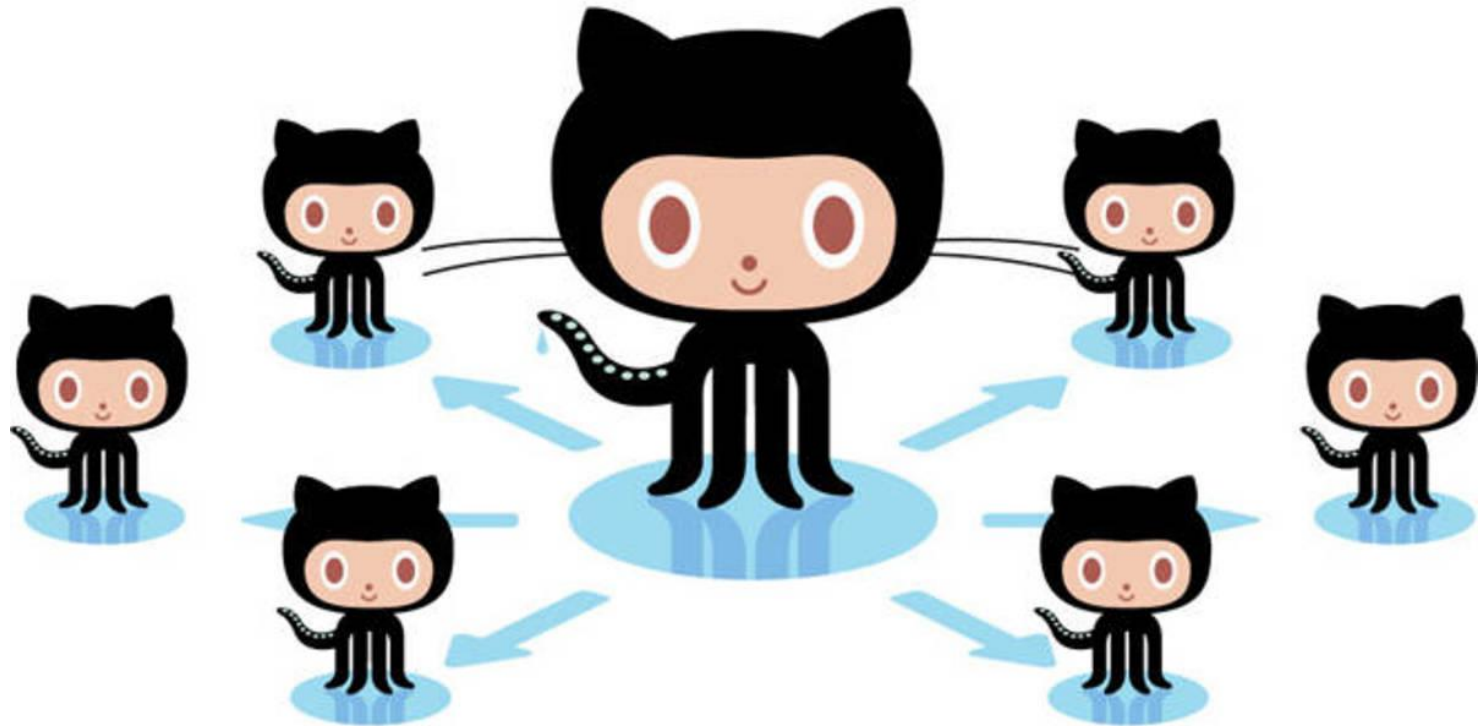
Collaboration <PULL>



Collaboration <PULL>

- Give access other users via Setting menu.
Update local repo with exist online repo by **Pull**:
`$ git pull origin master`
- Try to make a branch & commit it locally:
`$ git checkout -b branchBaru`
`$ git add .`
`$ git commit -m "added navbar"`
- Push to Github:
`$ git push origin branchBaru`
- If it's good enough & admin wants it to be merged, admin just click "Compare & Pull Request". If there is no conflict, finish it by click "Merge Pull Request".

Contribution <FORK>



Contribution <FORK>

- If there is an open source project that we want to give our contribution there, but we don't have any access to it, we can **Fork** that repo!
- Fork means we make that repo as our own repo, then we can clone, edit & push to 'ours'. If we want to contribute to the original repo, just ask the owner by click "New Pull Request" & wait for the owner's approval/denial.

GitHub Pages

■ Go to Github Settings

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository. [Learn more.](#)

Source

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. [Learn more.](#)

None ▼

Save

Theme Chooser

Select a theme to publish your site with a Jekyll theme using the `master` branch. [Learn more.](#)

Choose a theme

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