

Git-busters | team repo settings

...

Kihoon Sohn | Apr 2019 | Data Science Immersive



Team Repository

Set a role to make your collaborative work can be contained properly in your repository.

- **Leader: a team-repo owner**
 - create repo: initiate readme, .gitignore
 - set branch protection settings
 - delegate collaborators
 - debug team-repo

- **Collaborators: team members**
 - clone repo and set your branch
 - make changes: add/commit/push
 - ask pull request

Task 1. - Set a team-repo (team leader only)

1. Create a team repo
 - Set your repo name, descriptions, privacy settings (Public), Initiate readme, gitignore per situation
2. Once you created, go to Settings>Branches menu, to set your branch protection
 - You can prevent force push, required pull requests etc
3. Set collaborators in Settings>Collaborator menu, by adding your team member

Takeaway

- ➔ Stricter you set the branch protection, more secure but hard to move forward
 - ◆ Without getting thru `pull request` it cannot be proceeded

Task 2. - Set branch for each team members

1. Clone your team repo
 - `git clone {your team repo address / hash}`
2. Set your branch name and switch to the branch
 - To create: ``git checkout -b {your branch name}`` (e.g. ``git checkout -b kihoon``)
 - To switch: ``git checkout {branch name}``

How to check you are standing at the right branch

- ``git branch`` will display which branch you are currently at.
- ◆ Or ``git status`` shows your current standing (e.g. ``On branch master`` or ``On branch kihoon`` etc)

Pull requests - and your day to day work

- Step 1: `git pull origin master` pull down the most updated work
- Step 2: do you work in your own branch (make sure you are at the right branch)
- Step 3: `git push origin {your branch name}` push it back to **your branch**
- Step 4: Once your version is ready to be merged back to the master branch, make a pull request to merge it.

```
$ git checkout -b {your branch name}
$ git pull origin master
$ git add .
$ git commit -m "your comments"
$ git push origin {your branch name}
```



Demo