



Git instructions
SETUP

Keeping your fork up to date

1. Fork
First navigate to the respective repository:
Frontend: <https://github.com/zero-to-mastery/mappypals>
Backend: https://github.com/zero-to-mastery/mappypals_backend

Click the Fork button :

git fetch upstream

2. Clone
Navigate to your forked repository. If you followed #1 you will find this in your personal github’s repositories page.

Checkout to a local branch that you want to be updated.
For example the dev branch
git checkout dev
or if you do not have this branch yet. git checkout -b dev

For a list of all the branches you can do : git branch -r

Now merge with the branch you want to be updated from.
git merge upstream/dev

Now open a terminal and navigate to a directory in which you want to download the project. Type git clone [COPIED_LINK] and hit enter.

Now your local repository is updated. This does not update your forked github repo. To update this, you have to push your changes.

3. Set the upstream
After cloning your forked repository, you want to set an upstream remote from which you can fetch updated versions of the application. First copy the original repository link. Navigate to the original repository link from #1. Click clone and copy the link.

Now navigate to your mappypals folder in your terminal. And type the following command:

```
git remote add upstream
https://github.com/zero-to-mastery/mappypals.git
```

You can check if this worked by showing a list of remotes:
git remote -v

Creating a Pull Request

After completing the setup you can switch to different branches to work on.

Create a new branch by doing the following command
git checkout -b [BRANCH_NAME]

After making some changes push all your changes to your origin

```
git push origin [BRANCH_NAME]
```

Change the branch you want to send a pull request to. Please select the **dev** branch here. Admins are i charge of the pull requests from dev to master.

After selecting this. Put in your message, please make it something useful and if there are any issues you need help with.

Useless message example: pull request prguide

Useful message example: Created a pr guide for everybody to collaborate.
1. Updated to include explanation of forking and cloning.
2. Changed the flow chart to reflect the new branches

* Link tags are not yet going to the correct page.
* Images are not responsive

Now navigate to your online **forked** repository and click the Compare and Pull Request button