

GitHub to GitLab Migration Instructions For LibreHealth EHR repositories

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Intro

In this document, you will find instructions that will guide you to migrate LibreHealth EHR project repositories from GitHub to GitLab.

Actually, contributors are required to migrate the branches they have worked, which has not been merged. Tony McCormick prepared a list of **branches that need to be migrated by the owners** and **branches that are already in GitLab, but need to be re-pushed and re-requested**.

Find this list here:

<https://forums.librehealth.io/uploads/default/original/1X/f6361e2ad8a5a7206777a8038b5e2d14c7e66702.pdf>

Instructions

1. GitLab account

- Register a GitLab account at https://gitlab.com/users/sign_in OR Login if you have an existing account.

GitLab.com

GitLab.com offers free unlimited (private) repositories and unlimited collaborators.

- [Explore projects on GitLab.com](#) (no login needed)
- [More information about GitLab.com](#)
- [GitLab.com Support Forum](#)
- [GitLab Homepage](#)

By signing up for and by signing in to this service you accept our:

- [Privacy policy](#)
- [GitLab.com Terms](#).

Sign in | Register

Username or email
tigrdrige@gmail.com

Password
.....

Remember me [Forgot your password?](#)

Sign in

Didn't receive a confirmation email? [Request a new one.](#)

Sign in with

Remember me

Figure 1: GitLab account sign in and registration

- Head to LibreHealth EHR Base at <https://gitlab.com/librehealth/ehr/lh-ehr> and Fork the repository to your GitLab account. (Click on 'Fork', then click on your profile image or name in the next page).

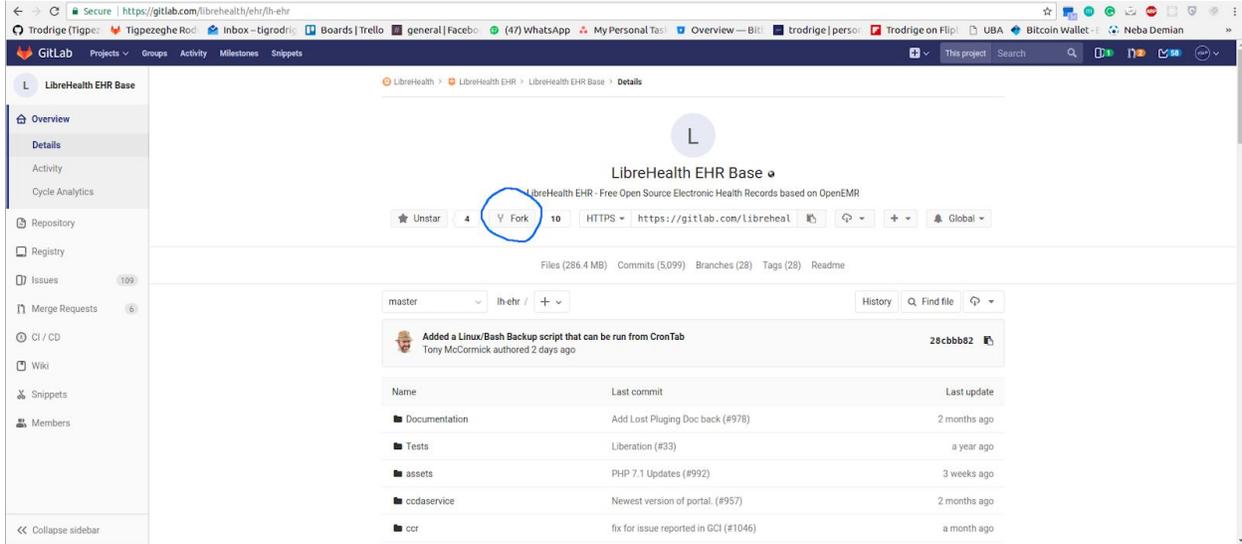


Figure 2: Fork LibreHealth EHR Base on GitLab

- The next step is to head to your fork of the project, and click on the icon circled in the image below:

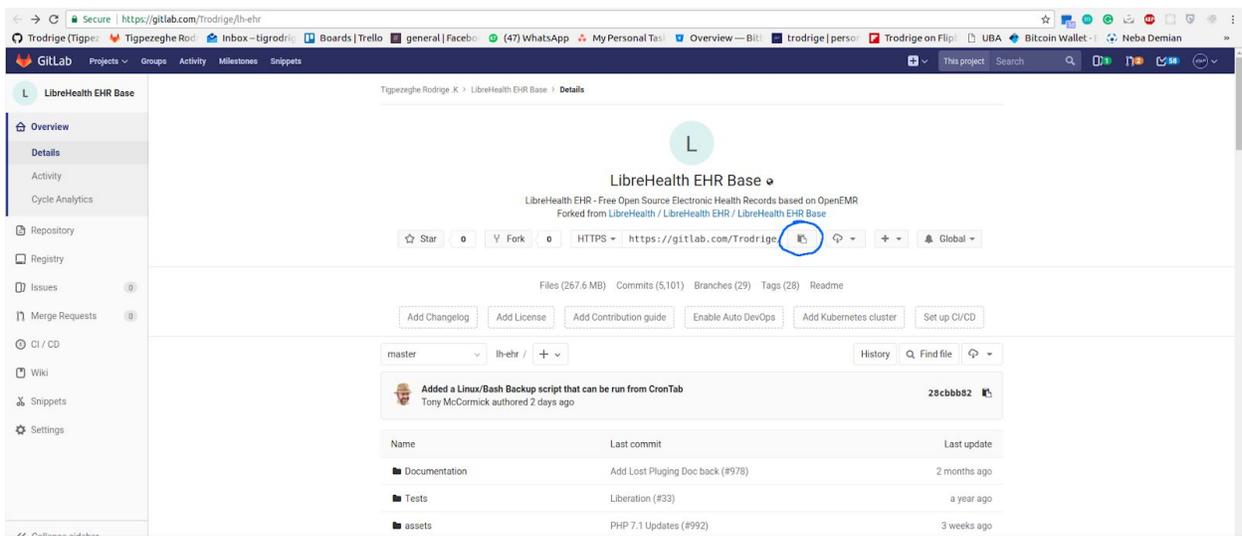


Figure 3: Copy link to change your remote or clone repository

This copies the link you need to change your git remotes for this repository. This is my own link:
<https://gitlab.com/Trodridge/lh-ehr.git>

Note: I did not clone in my own case, and my fork was at <https://gitlab.com/Trodrige/lh-ehr>. My GitLab username is ‘Trodrige’.

2. Changing remotes

- The next thing, we have to do is to change your remote to point to your LibreHealth EHR Base on GitLab. Run this command in your terminal to change the remote:

```
$ git remote set-url origin https://gitlab.com/Trodrige/lh-ehr.git
```

Note: You can change ‘origin’ to a name you prefer. (Good to keep it as origin). The link at the end is the link we copied from the previous step.

You can also set your upstream remote to point to the main repository at <https://gitlab.com/librehealth/ehr/lh-ehr/> by running this command:

```
$ git remote set-url upstream https://gitlab.com/librehealth/ehr/lh-ehr.git
```

Note: I named mine ‘libre-ehr’ instead of ‘upstream’

In order to observe the change, run: **\$ git remote -v** in your terminal. If everything went on well, then you should see something like this:

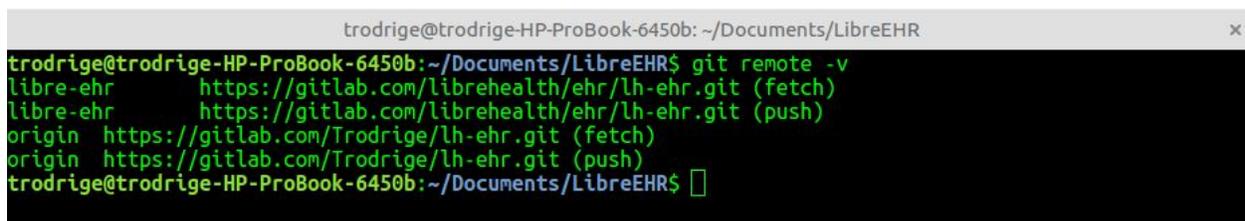
A terminal window screenshot showing the output of the 'git remote -v' command. The terminal title is 'trodrige@trodrige-HP-ProBook-6450b: ~/Documents/LibreEHR'. The output shows four lines: 'libre-ehr https://gitlab.com/librehealth/ehr/lh-ehr.git (fetch)', 'libre-ehr https://gitlab.com/librehealth/ehr/lh-ehr.git (push)', 'origin https://gitlab.com/Trodrige/lh-ehr.git (fetch)', and 'origin https://gitlab.com/Trodrige/lh-ehr.git (push)'. The prompt is 'trodrige@trodrige-HP-ProBook-6450b:~/Documents/LibreEHR\$'.

Figure 4: Terminal showing remotes

3. Pushing work

- Once your remotes are set, you can check all the branches you have by running the command below in the terminal: **\$ git branch**
- Now check the list at: <https://forums.librehealth.io/uploads/default/original/1X/f6361e2ad8a5a7206777a8038b5e2d14c7e66702.pdf> for all branches that need migration.
- Switch to a branch that needs to be migrated to GitLab, say branch-A by running this command in the terminal: **\$ git checkout branch-A**

Then push to the origin by running: **\$ git push origin branch-A**

Take note that the working directory has to be clean. This command will send the work you did locally to your fork of LibreHealth EHR repository. You can then open a **Merge Request** in GitLab for the changes in the branch.

- If the PR already exists in GitLab, you'll have to re-push and re-request for it to be reviewed and merged. Make sure to check the state of the branch before pushing. A branch could still be in
 1. GitHub and requires migration by the owner
 2. Already in GitLab and requires re-push and re-request.

4. How to open a Merge Request (MR)

- After pushing your work to your repository. You'll have to open Merge request for review and merge of you work.
- Click the "Create merge request" button from your repository, then ensure you get your source and target branches right.
 - Source branch: The branch you created and worked. E.g *Role_fix_for_edit_menu*
 - Target branch: The branch in the main repo where you want your work added. This is *master* branch for the most part.
- In the comment section, **ENTER THE REFERENCE TO THE SAME PULL REQUEST ON GITHUB.** You can use the link to the equivalent PR in GitHub.

BANG BANG. You're done!!!

Ping @Trodrige, @robbyoconnor or @tony in the chat for help.