

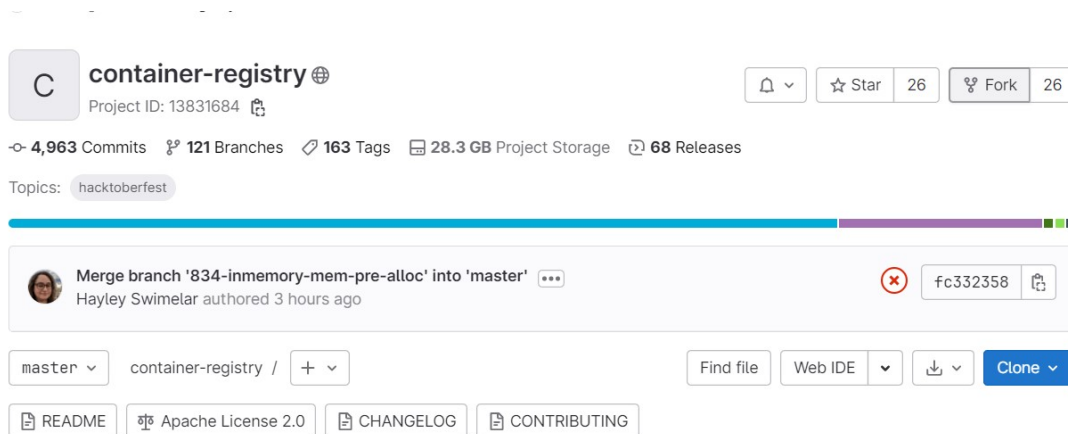
## Lab : Gitlab Branches

Fork is a duplicate of your original repository in which you can make the changes without affecting the original project.

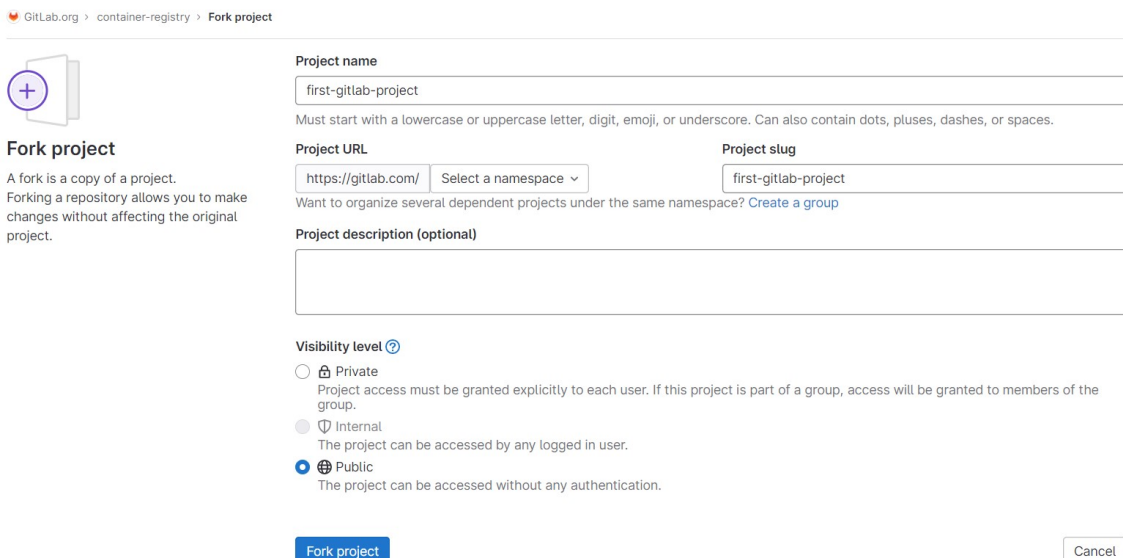
### Forking a Project

**Step 1** – To fork a project, Open following URL after login in your gitlab account and click on the *Fork* button as shown below –

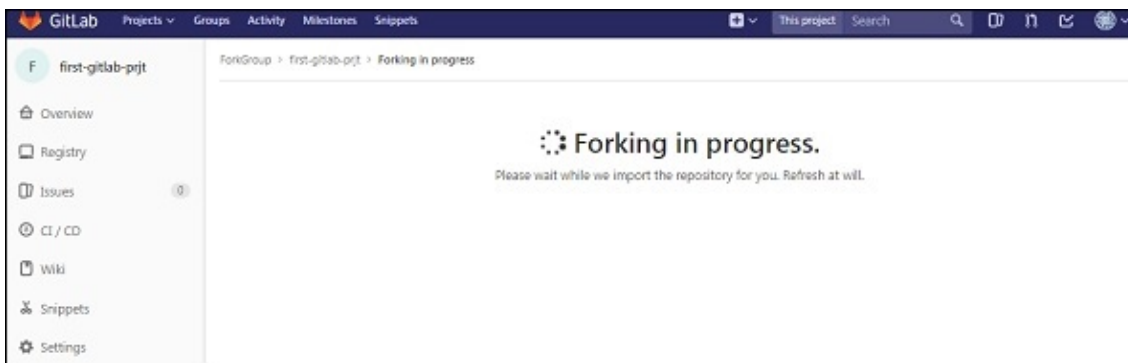
```
https://gitlab.com/gitlab-org/container-registry
```



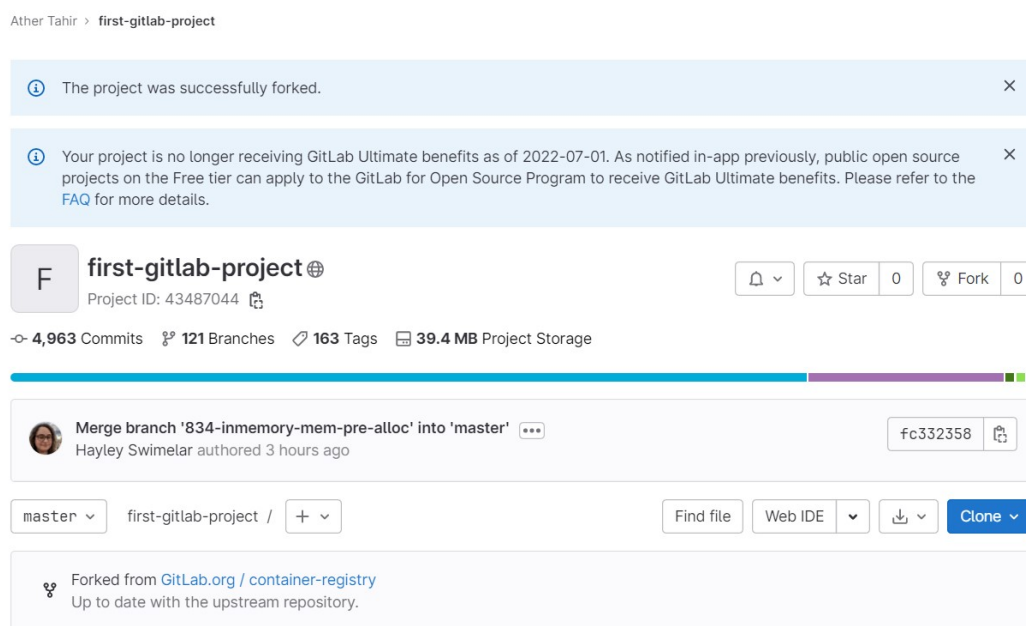
**Step 2** – After clicking the *Fork* button the project, enter project name as shown below:



**Step 3** – Next it will start processing of forking a project for sometime as shown below –



**Step 4** – It will display the success message after completion of forking the project process –

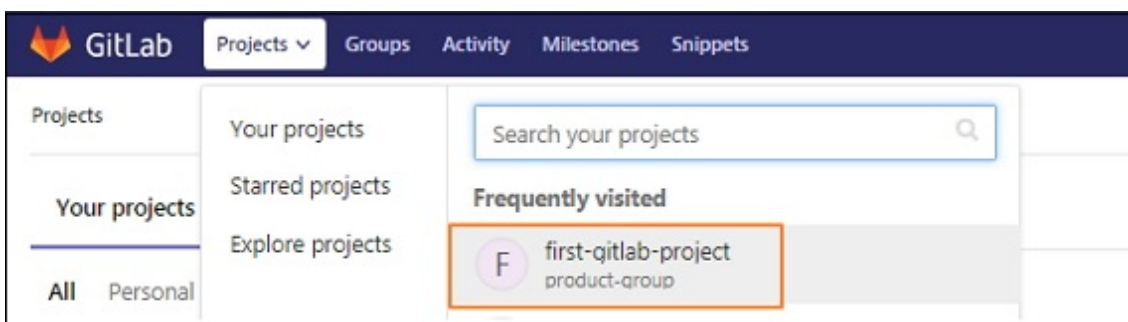


## GitLab - Create a Branch

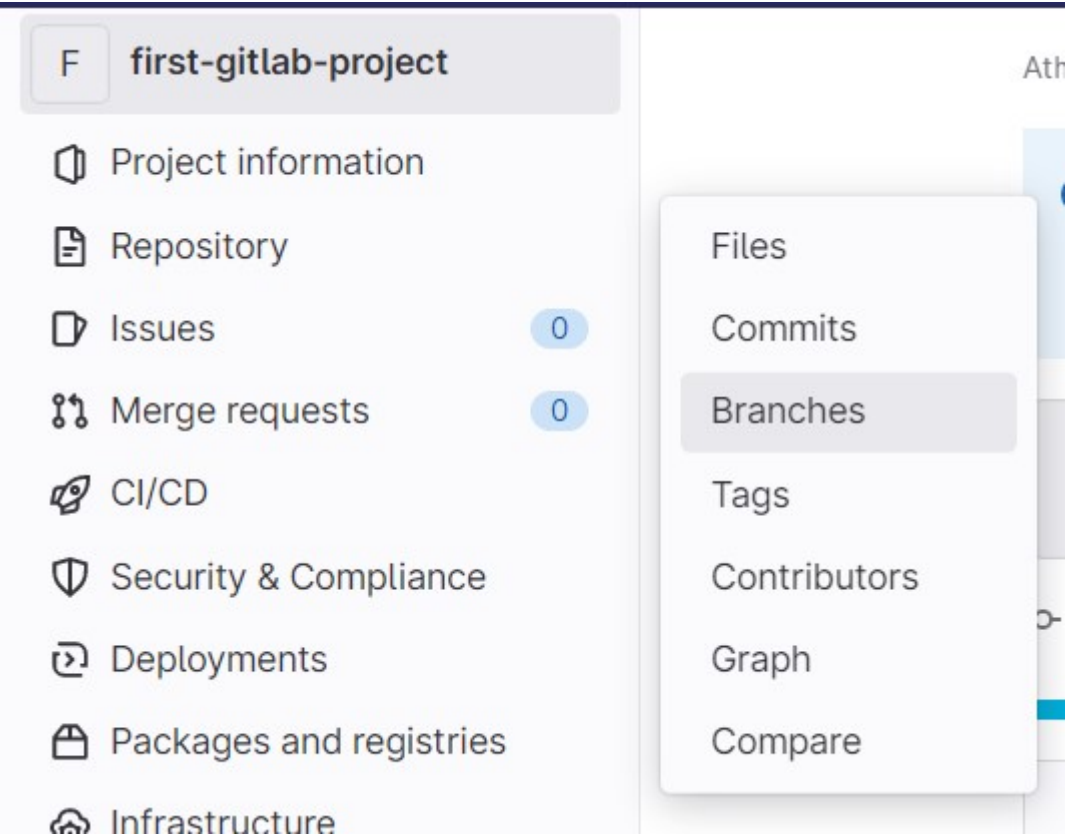
Branch is independent line and part of the development process. The creation of branch involves following steps.

### Creating a Branch

**Step 1** – Login to your GitLab account and go to your project under *Projects* section.



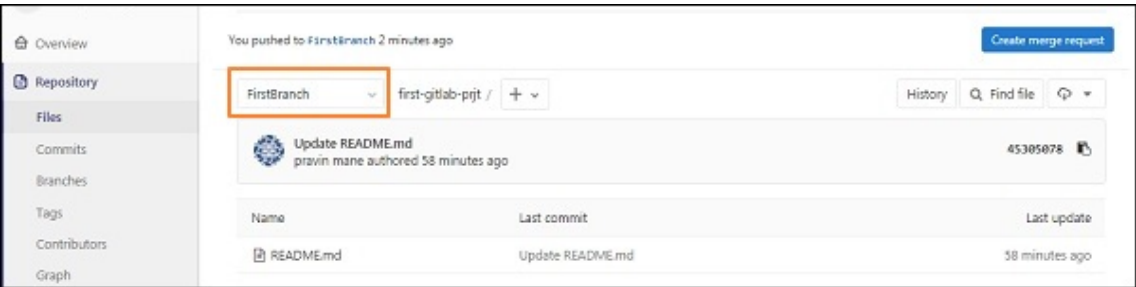
**Step 2** – To create a branch, click on the *Branches* option under the *Repository* section and click on the *New branch* button.



**Step 3** – In the *New branch* screen, enter the name for branch and click on the *Create branch* button.



**Step 4** – After creating branch, you will get a below screen along with the created branch.



### GitLab - Delete a Branch

**Step 1** – To create a branch, click on the *Branches* option under the *Repository* section and click on the *Delete* button next to branch name.

OverviewActiveStaleAll

Filter by branch name

Delete merged branchesNew branch

Active branches

FirstBranch

fc332358 · Merge branch '834-inmemory-mem-pre-alloc' into 'master' · 4 hours ago

00

Merge requestCompare

DownloadDelete branch

master

fc332358 · Merge branch '834-inmemory-mem-pre-alloc' into 'master' · 4 hours ago

Download

836-log-line-to-understand-flaky-test

d67f34ca · test(integration): add log line to debug flaky test · 5 hours ago

21

Merge requestCompare

Download

835-fix-flaky-golden-file-import-test

5e8d952a · test(integration): fix TestImporter\_ImportAll\_DanglingBlobs · 1 week ago

61

Merge requestCompare

Download

repo-size-est-nonroot

c2be291d · feat: fallback to size estimate for non-root repositories · 1 week ago

61

Merge requestCompare

Download

Show more active branches

**Step 2** – Confirm to delete branch as shown below:

Delete branch. Are you ABSOLUTELY SURE?

!

You're about to permanently delete the branch **FirstBranch** .  
This branch hasn't been merged into **master** . To avoid data loss, consider merging this branch before deleting it.

Deleting the **FirstBranch** branch cannot be undone. Are you sure?

Cancel, keep branch

Yes, delete branch