

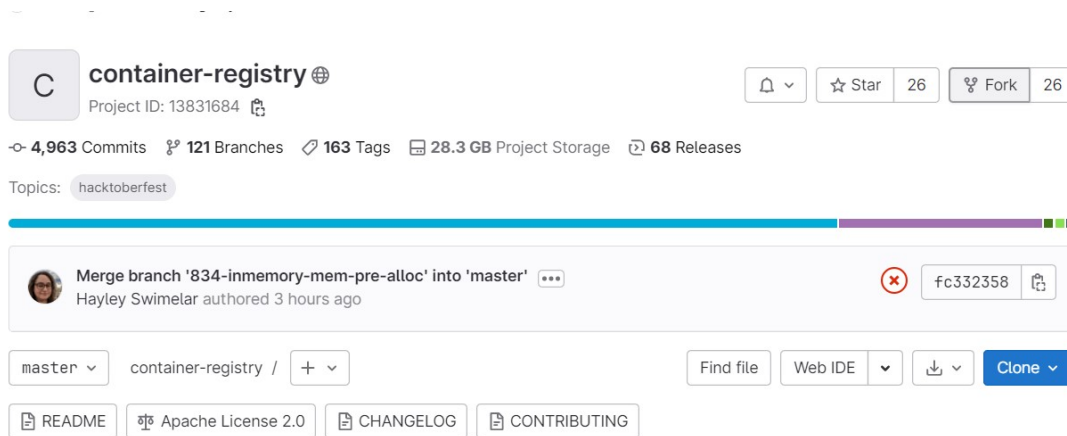
Lab : Gitlab Branches

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

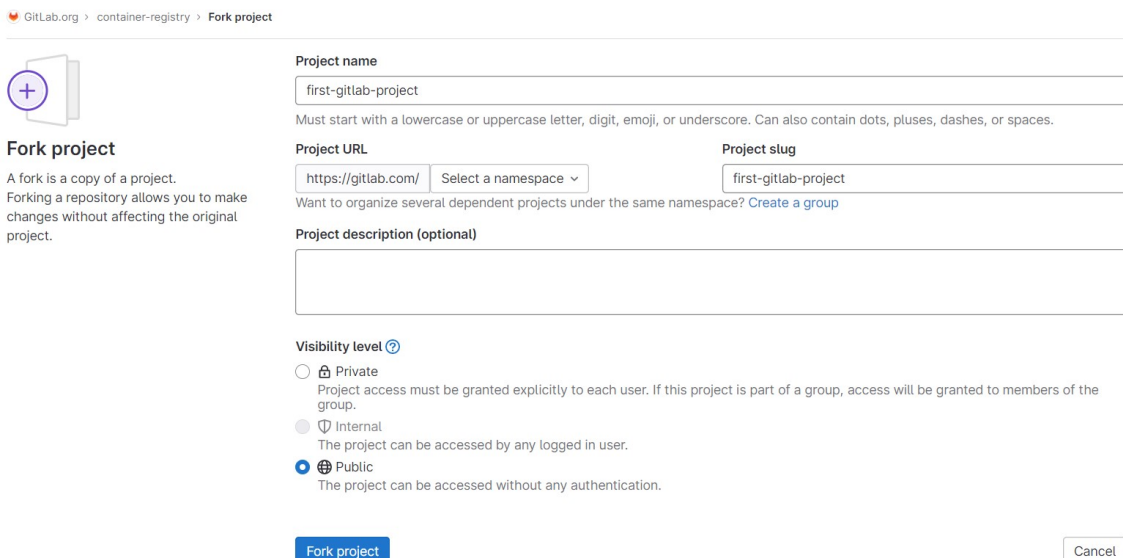
Forking a Project

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

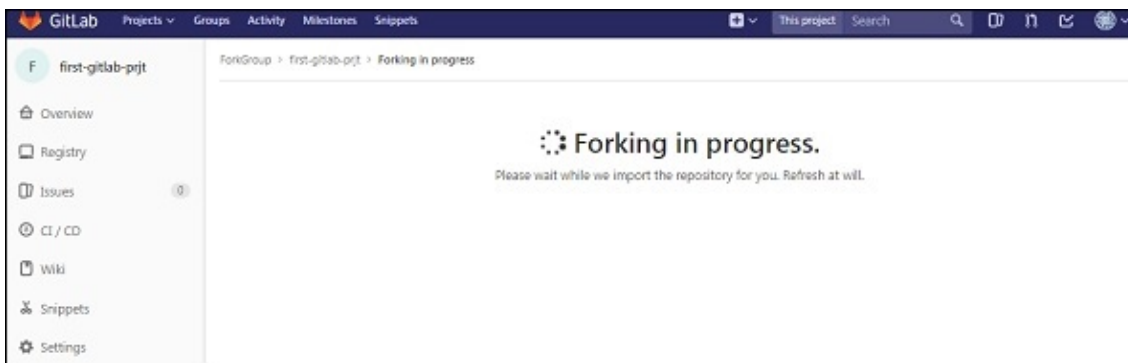
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https://gitlab.com/gitlab-org/container-registry
```



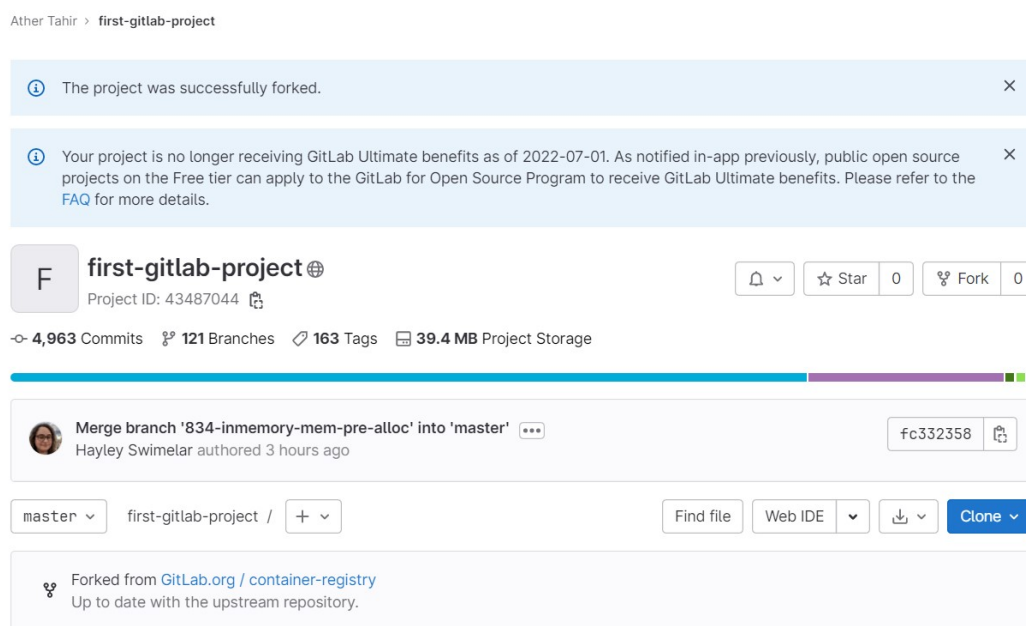
Step 2 – After clicking the *Fork* button the project, enter project name as shown below:



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 –

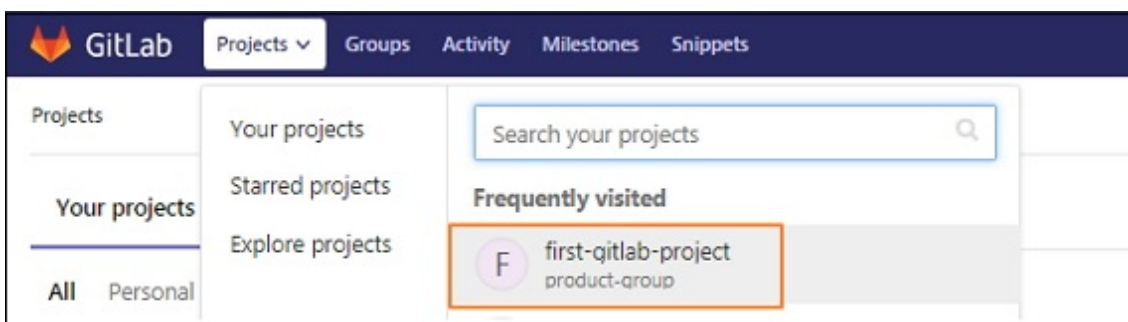


GitLab - Create a Branch

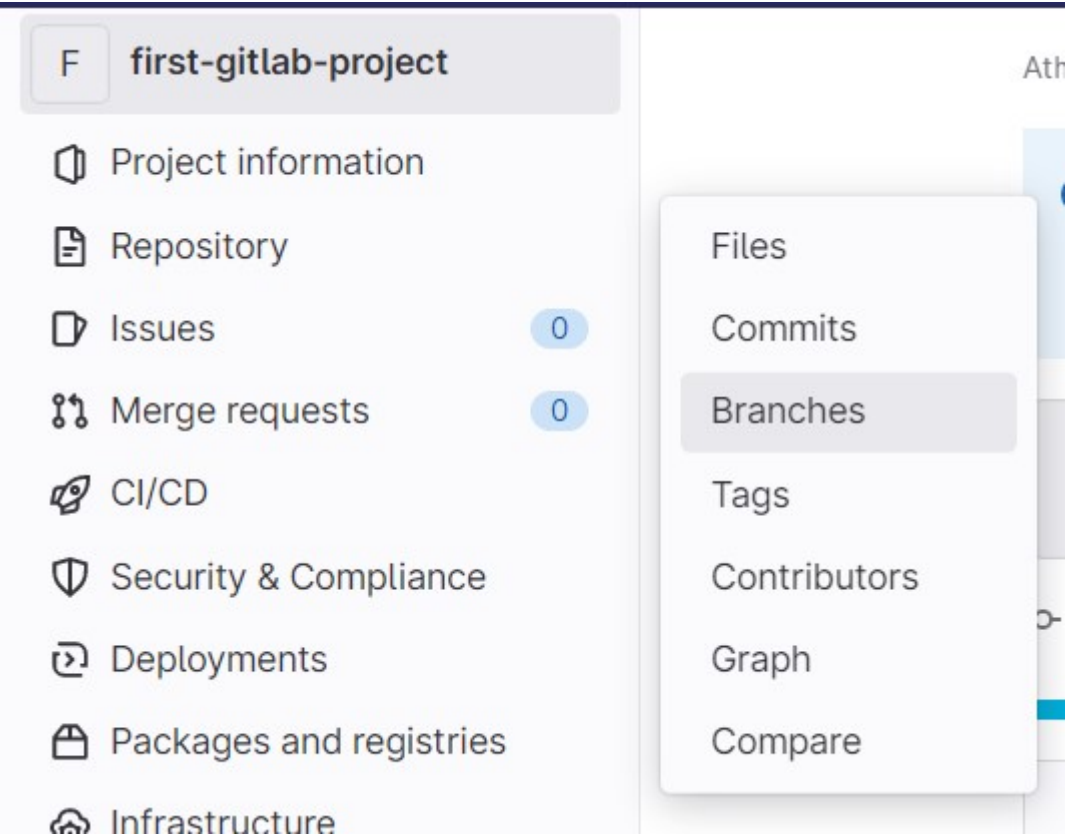
Branch is independent line and part of the development process. The creation of branch involves following steps.

Creating a Branch

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



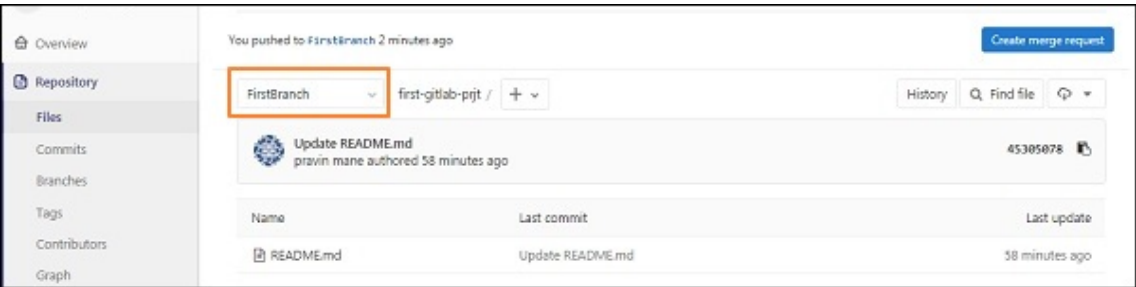
Step 2 – To create a branch, click on the *Branches* option under the *Repository* section and click on the *New branch* button.



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	0 0	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	2 1	Merge requestCompare	Download
835-fix-flaky-golden-file-import-test	5e8d952a · test(integration): fix TestImporter_ImportAll_DanglingBlobs · 1 week ago	6 1	Merge requestCompare	Download
repo-size-est-nonroot	c2be291d · feat: fallback to size estimate for non-root repositories · 1 week ago	6 1	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 branchYes, delete branch