How to - GitLab Repository Creation

Requirements : 1) Initial creation of repository with a default README.md file

2) Creation of long living branch 'develop'

3) Make develop branch the default branch
4) Create merge hooks for develop branch

Require at successful build (may require build server config)
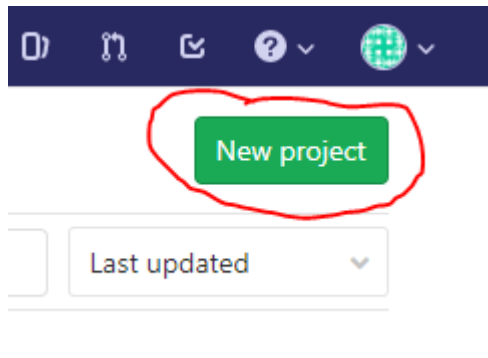
Require require at least one approval

Repository Creation for GIT LAB

Pre-Requisites used for Gitlab Creation

1. Account with Gitlab
2. Login Credentials for Gitlab

Initiate a fresh repository on Git Lab repository in the gitlab account.

1. Steps to initiate a new project in the Git lab account

Create a new project in the projects links in the account as mentioned above.

2. Provide the details of the project name in the Git lab account.

3. Initiate the project with Readme.md which would come as a default option in the Create repo.

☑ **Initialize repository with a README**
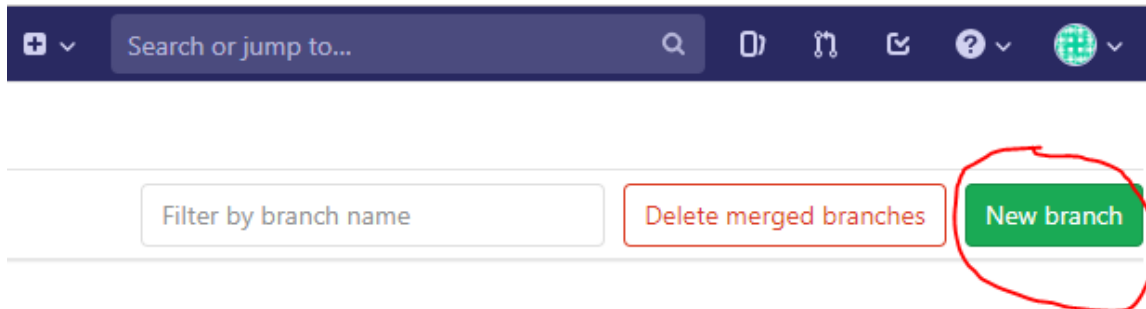Allows you to immediately clone this project's repository. Skip this if you plan to push up an existing repository.

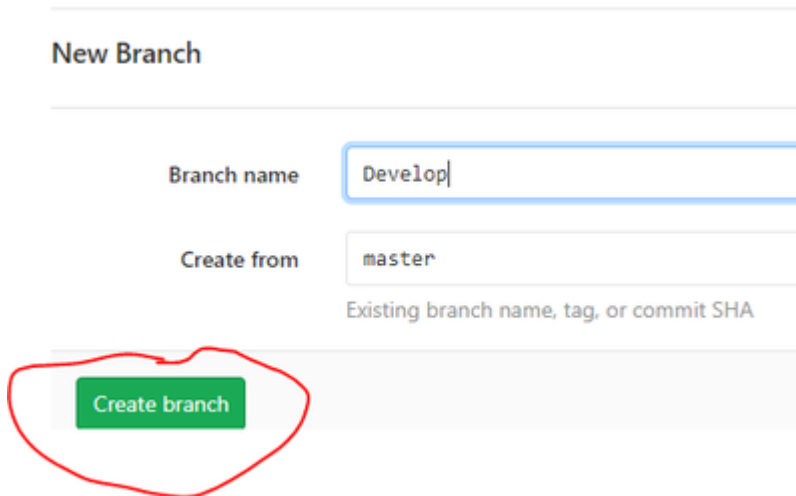Create project   Cancel

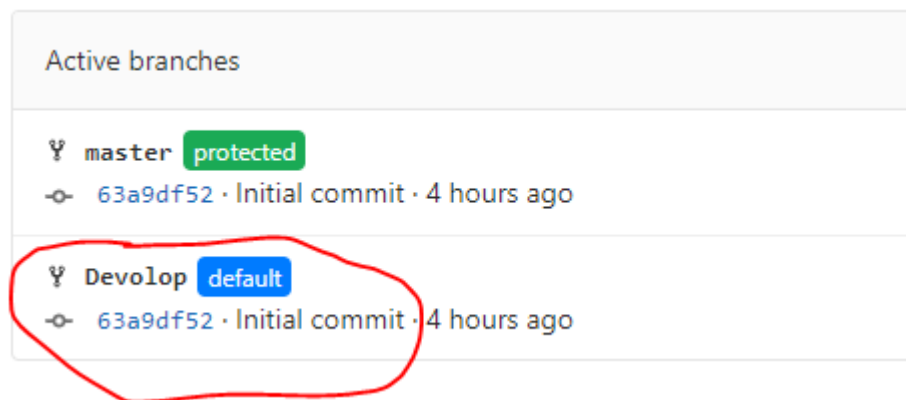If such is not the the case use clone option to clone the bare repository and add readme.md accordingly as the first commit.

Creation of branch develop on the repository.

Search or jump to…

Filter by branch name   Delete merged branches   New branch

Steps for creating branch

New Branch

Branch name   Develop

Create from   master

Existing branch name, tag, or commit SHA

Create branch

Branch Details

Active branches

⋎ master protected
⊶ 63a9df52 · Initial commit · 4 hours ago

⋎ Devolop default
⊶ 63a9df52 · Initial commit · 4 hours ago

Convert Branch as Default

Default Branch

Select the branch you want to set as the default for this project.
branch unless you specify a different one.

Default Branch

Devolop

Save changes

Merge hooks for Gitlab account on a build trigger.

Go to Repository > Settings > Integrations > Jetbrains Teamcity CI

Active	—
Trigger	☑ **Push**
	TeamCity CI will be triggered after every push to the repository except branch delete
	☑ **Merge request**
	TeamCity CI will be triggered after a merge request has been created or updated
Teamcity url	https://teamcity.example.com
Build type	myproject
Username	https://teamcity.example.com
Password	

Test settings and save changes   Cancel

Require one approval for merge request.

General > Settings > Merge request approvals

Merge request approvals   Collapse

Customize your merge request approval settings. ❓

Approvers

Members	No. approvals required	
All members with Developer role or higher and code owners (if any)	👤 0	Edit

☑ **Can override approvers and approvals required per merge request** ❓

☑ **Remove all approvals in a merge request when new commits are pushed to its source branch**

Update the list of approves for the branch for the branch merge approval.

The merge approve feature is not available on community edition whereas it is available on the Enterprise edition.