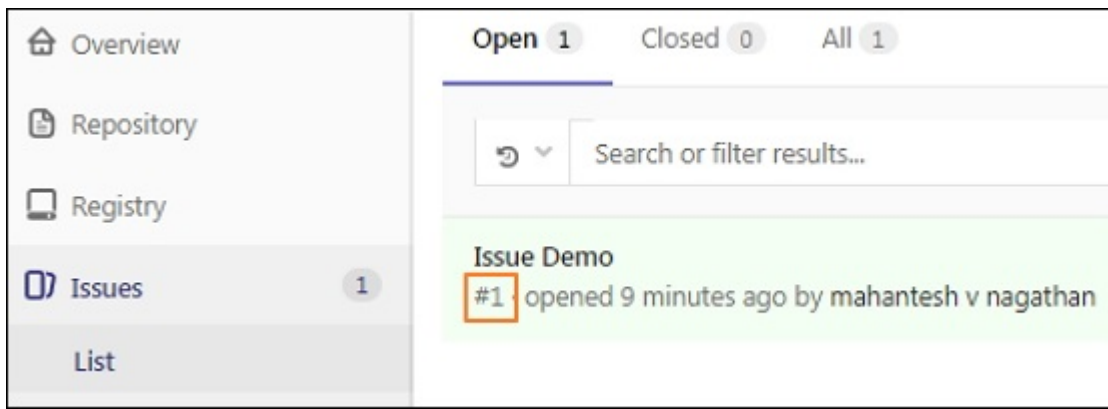


## GitLab - Referencing Issues

GitLab can be able to refer the specific issue from the commit message to solve a specific problem. In this chapter, we will discuss about how to reference a issue in the GitLab –

**Step 1** – To reference a issue, you need to have an issue number of a created issue. To create an issue, refer the creating issue chapter.

**Step 2** – To see the created issue, click on the *List* option under *Issues* tab –



**Step 3** – Before making the changes in your local repository, check whether it is up to date or not by using the below command –

```
git checkout master && git pull
```

```
C:\first-gitlab-project>git checkout master && git pull
Switched to branch 'master'
Your branch is up-to-date with 'origin/master'.
```

The *git pull* command downloads the latest changes from the remote server and integrates directly into current working files.

**Step 4** – Now, create a new branch with the name *issue-fix* by using the *git checkout* command –

```
git checkout -b issue-fix
```

```
C:\first-gitlab-project>git checkout -b issue-fix
Switched to a new branch 'issue-fix'
```

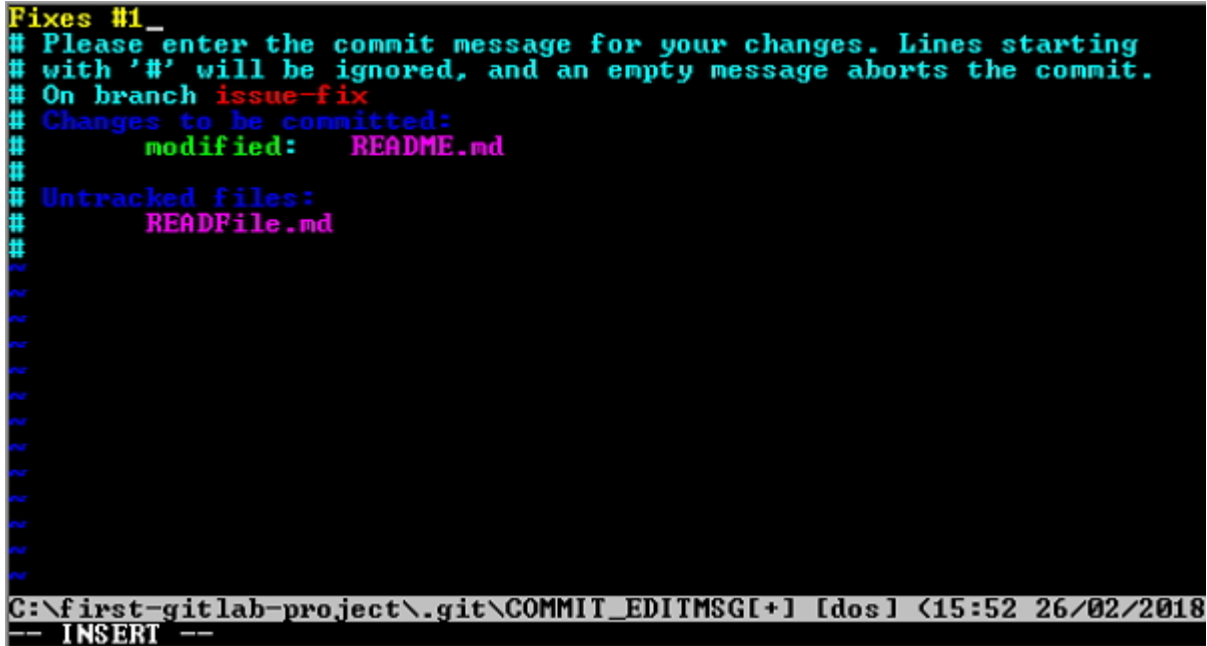
**Step 5** – Now, add some content to the *README.md* file to fix the bug –

```
echo "fix this bug" >> README.md
```

**Step 6** – Enter the commit message for the above change with the below command –

```
git commit -a
```

This command opens the below screen and press *Insert* key on the keyboard to add a commit message for the *issue-fix* branch.

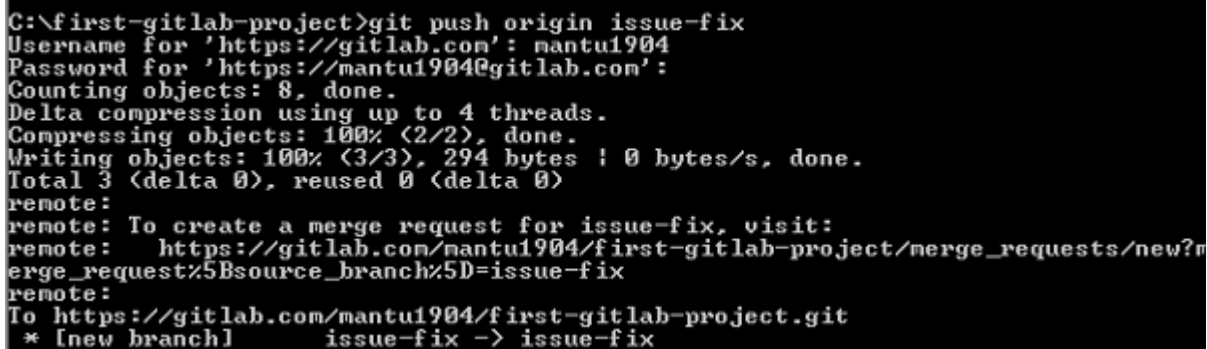


```
Fixes #1_
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
# On branch issue-fix
# Changes to be committed:
#   modified:   README.md
#
# Untracked files:
#   READMEFile.md
#
#
C:\first-gitlab-project\.git\COMMIT_EDITMSG[+] [dos] <15:52 26/02/2018
-- INSERT --
```

Now press the *Esc* key, then colon(:) and type *wq* to save and exit from the screen.

**Step 7** – Now push the branch to remote repository by using the below command –

```
git push origin issue-fix
```



```
C:\first-gitlab-project>git push origin issue-fix
Username for 'https://gitlab.com': mantui904
Password for 'https://mantui904@gitlab.com':
Counting objects: 8, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 294 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote:
remote: To create a merge request for issue-fix, visit:
remote:   https://gitlab.com/mantui904/first-gitlab-project/merge_requests/new?merge_request%5Bsource_branch%5D=issue-fix
remote:
To https://gitlab.com/mantui904/first-gitlab-project.git
 * [new branch]      issue-fix -> issue-fix
```

**Step 8** – Login to your GitLab account and create a new merge request. You can refer the merge request chapter for the creation of merge request.

**Step 9** – Once you create the merge request, you will be redirected to the merge request page. When you click on the *Close merge request* button (refer the screenshot in the step (6) of merge request chapter), you will see the Closed option after closing merge request.

Overview

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Settings

ClosedOpened 13 minutes ago by mahantesh v nagathanEditReopen merge request

# Fix a bug

Fixes #1

Request to merge issue-fix into master

! Closed by mahantesh v nagathan less than a minute ago

The changes were not merged into master

Closes #1 and #2

[Assign yourself to these issues](#)

0

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