

# Tag operation in Git

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## Create tags

Join us in tagging the current HEAD using the git tag command. Tom provides a tag name with -a option and provides a tag information with the -m option.

```
tom @ CentOS project] $ pwd
/ home / tom / top_repo / project

[tom @ CentOS project] $ git tag -a 'Release_1_0' -m 'Tagged basic string opera
```

If you want to tag a specific commit, then you use the exact commit ID instead of the HEAD pointer. Tom uses the following command to push the tag into the removal area.

```
[tom @ CentOS project] $ git push origin tag Release_1_0
```

The above command will produce the following result:

```
Counting objects: 1, done.
Writing objects: 100% (1/1), 183 bytes, done.
Total 1 (delta 0), reused 0 (delta 0)
To gituser@git.server.com: project.git
* [new tag]
Release_1_0 -> Release_1_0
```

## Observe the tags

Tom creates tags. Now, Jerry can observe all available tags using the git tag command with the -I option.

```
[jerry @ CentOS src] $ pwd
/ home / jerry / jerry_repo / project / src

[jerry @ CentOS src] $ git pull
remote: Counting objects: 1, done.
remote: Total 1 (delta 0), reused 0 (delta 0)
```

```
Unpacking objects: 100% (1/1), done.  
From git.server.com:project  
* [new tag]  
Release_1_0 -> Release_1_0  
Ch? ?? branch hi?n th?i là up to date.
```

```
[jerry @ CentOS src] $ git -l tag  
Release_1_0
```

Jerry uses the git show command followed by its tag name to get a more detailed look at the tag.

```
[jerry @ CentOS src] $ git show Release_1_0
```

The above command will produce the following result:

```
tag Release_1_0  
Tagger: Tom Cat  
Date: Wed Sep 11 13:45:54 2013 +0530  
  
Tagged basic string operation code  
  
commit 577647211ed44fe2ae479427a0668a4f12ed71a1  
Author: Tom Cat  
Date: Wed Sep 11 10:21:20 2013 +0530  
  
Removed binary executable  
  
diff --git a / src / string_operations b / src / string_operations  
xóa ch? ?? t?p tin 100755  
index 654004b.0000000  
Binary files a / src / string_operations and / dev / null differ
```

## Delete tags

Tom uses the following command to delete the tags from the repository stored internally and remotely.

```
[tom @ CentOS project] $ git tag  
Release_1_0
```

```
[tom @ CentOS project] $ git -d tag Release_1_0  
Deleted tag 'Release_1_0' (was 0f81ff4)  
# Remove th? t? remote repository.
```

```
[tom @ CentOS project] $ git push origin: Release_1_0  
To gituser@git.server.com: project.git  
- [deleted]  
Release_1_0
```

### According to Tutorialspoint

Previous article: Fix errors in Git

Next article: Patch operation in Git

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