

Git Tutorial



Backlog lets you manage projects with Git integration

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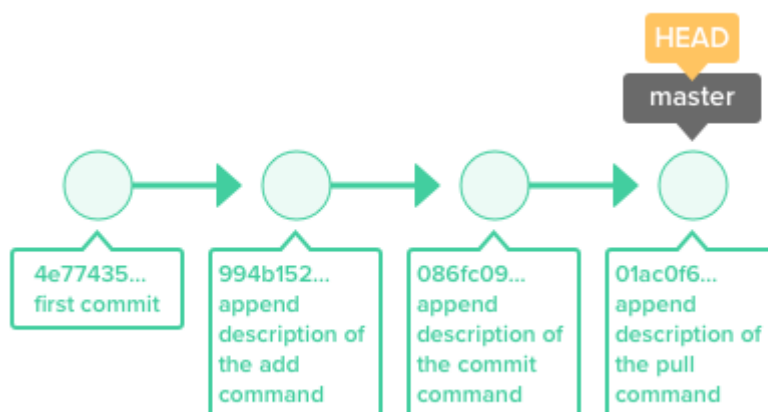
Reset

For this tutorial step, we have prepared a repository with some ready made commits to speed things up.

You can download the repository [here](#).

In this step, we are going to undo the previous two commits using the reset command.

Go to the downloaded "stepup-tutorial/tutorial3" directory and examine the history of this repository. It should look like the following.



Let's confirm the branch's history using the log command.

```
$ git log commit
0d4a808c26908cd5fe4b6294a00150342d1a58be Author:
yourname <yourname@yourmail.com> Date: Mon Jul 16
23:19:26 2012 +0900 append description of the pull
```

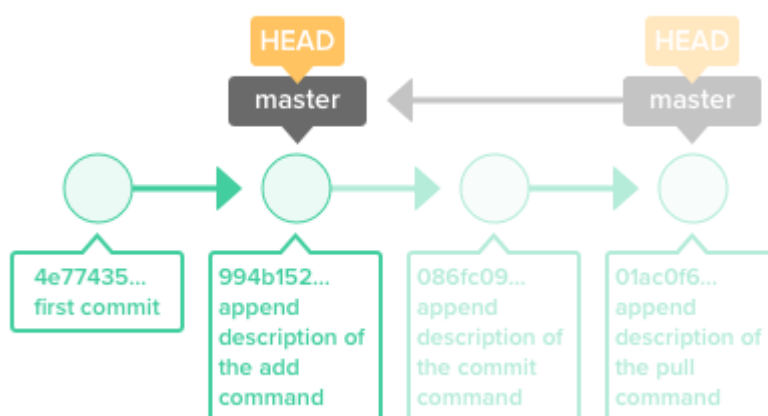
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```
command commit
326fc9f70d022afdd31b0072dbbae003783d77ed Author:
yourname <yourname@yourmail.com> Date: Mon Jul 16
23:17:56 2012 +0900 append description of the add
command commit
48eec1ddf73a7fb508ef664efd6b3d873631742f Author:
yourname <yourname@yourmail.com> Date: Mon Jul 16
23:16:14 2012 +0900 first commit
```

Open sample.txt and verify that the text content looks something like below.

```
Git commands even a monkey can understand add:
Register a change in an index commit: Save the
status of an index pull: Obtain the content of the
remote repository
```

Use the reset command to delete the previous two commits like below.



```
$ git reset --hard HEAD~2 HEAD is now at 326fc9f
append description of the add command
```

If done correctly, sample.txt should no longer contain the last two lines
 "commit: Save the status of an index" and "pull: Obtain the content of the

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```
326fc9f70d022afdd31b0072dbbae003783d77ed Author:
yourname <yourname@yourmail.com> Date: Mon Jul 16
23:17:56 2012 +0900 append description of the add
command commit
48eec1ddf73a7fb508ef664efd6b3d873631742f Author:
yourname <yourname@yourmail.com> Date: Mon Jul 16
23:16:14 2012 +0900 first commit
```

ORIG_HEAD points to the original commit before reset actually takes place. This may come in handy especially when you accidentally issue a reset. You can restore the previous history by executing a reset to ORIG_HEAD.

```
$ git reset --hard ORIG_HEAD HEAD is now at 0d4a808
append description of the pull command
```

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