10 May 2014 on [git](http://www.ainixon.me/tag/git/) | [changes](http://www.ainixon.me/tag/changes/) | [remove](http://www.ainixon.me/tag/remove/) | [commits](http://www.ainixon.me/tag/commits/) | [branches](http://www.ainixon.me/tag/branches/) | [unsynced](http://www.ainixon.me/tag/unsynced/) | [revert](http://www.ainixon.me/tag/revert/) | [reset](http://www.ainixon.me/tag/reset/) | [hard](http://www.ainixon.me/tag/hard/) | [head](http://www.ainixon.me/tag/head/)

**How to remove changes from Git**

<http://www.ainixon.me/how-to-remove-changes-from-git/>

We work everyday on git. Sometimes we make some accidental move like commit unwanted codes, merge wrong branch with the master, delete a commit accidentally and so more.   
Recently I have faced similar kind of problems. For finding the solutions I have to check all the cheatsheets. Let's look at some of the issue and it's solutions

**Remove uncommited changes:**

If you make changes or you get a conflict in multiple files and you want to remove those changes then you should use

**git reset --hard**

**Careful:** It will *delete* your working directory changes.

**Remove an unsynced commit:**

* If you adds a commit, you want to remove it before syncing it...

**git reset --hard HEAD~1**

It will remove the last commit in other words it will remove the last commit from the head.

* Now if you want to remove **n** numbers of commit then....

**git reset --hard HEAD~n**

By running this command you will remove the **n** of commits from the head.

* If you want to remove a specific commit not from the head then you have to run a this command and find the id for that commit

**git log**

Using that *id* if you run this command

**git reset --hard sha1-commit-id**

This command will remove the specific commit(of the id) from current branch

**Undo delete action of a commit:**

If you delete a commit accidentaly then to restore that commit you can use

**git reflog**

**Remove last synced commit:**

To remove last synced commit you can use two methods,

* Reverintg the last commit. For this you need to run..

**git revert**

* Force push to remove the last commit.

**git push origin HEAD --force**

But, if others have pulled it, it would be better for you to start a new branch. Because when they pull that, it will just merge it into their branches, and you will get it pushed back again.