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Git Revert Cheat Sheet

`git checkout` is effectively used to switch branches.

`git reset` basically resets the repo, throwing away some changes. It's somewhat difficult to understand, so reading the examples in the documentation may be a bit more useful.

There are some other useful articles online, which discuss more aggressive approaches to resetting the repo.

`git commit --amend` is used to make changes to commits after-the-fact, which can be useful for making notes about a given commit.

`git revert` makes a new commit which effectively rolls back a previous commit. It's a bit like an undo command.

There are a few ways you can rollback commits in Git.

There are some interesting considerations about how git object data is stored, such as the usage of sha-1.

Feel free to read more here:

- <https://en.wikipedia.org/wiki/SHA-1>
- <https://github.blog/2017-03-20-sha-1-collision-detection-on-github-com/>

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