

# Exploring Changes with git diff (Lab)

 [coursera.org/learn/git-distributed-development/supplement/89iVG/exploring-changes-with-git-diff-lab](https://coursera.org/learn/git-distributed-development/supplement/89iVG/exploring-changes-with-git-diff-lab)

You can work with one of your repositories created earlier, but it will be richer to work with a full repository, such as the one for the git project itself.

Working in the main project directory, first do:



1

```
$ git tag
```



to get a list of references. Then, to get a full difference between two versions, you can do something like:



1

```
$ git diff v1.7.0 v1.7.0-rc2
```



This is likely to be a long output; try with the **--stat** flag to see a short summary of changes.

Now, look at the changes to a particular directory, such as in:



1

```
$ git diff v1.7.0 v1.7.0-rc2 Documentation
```



or, you can pick to look at one or more particular files.

