

Lab 3 - Status and Diff

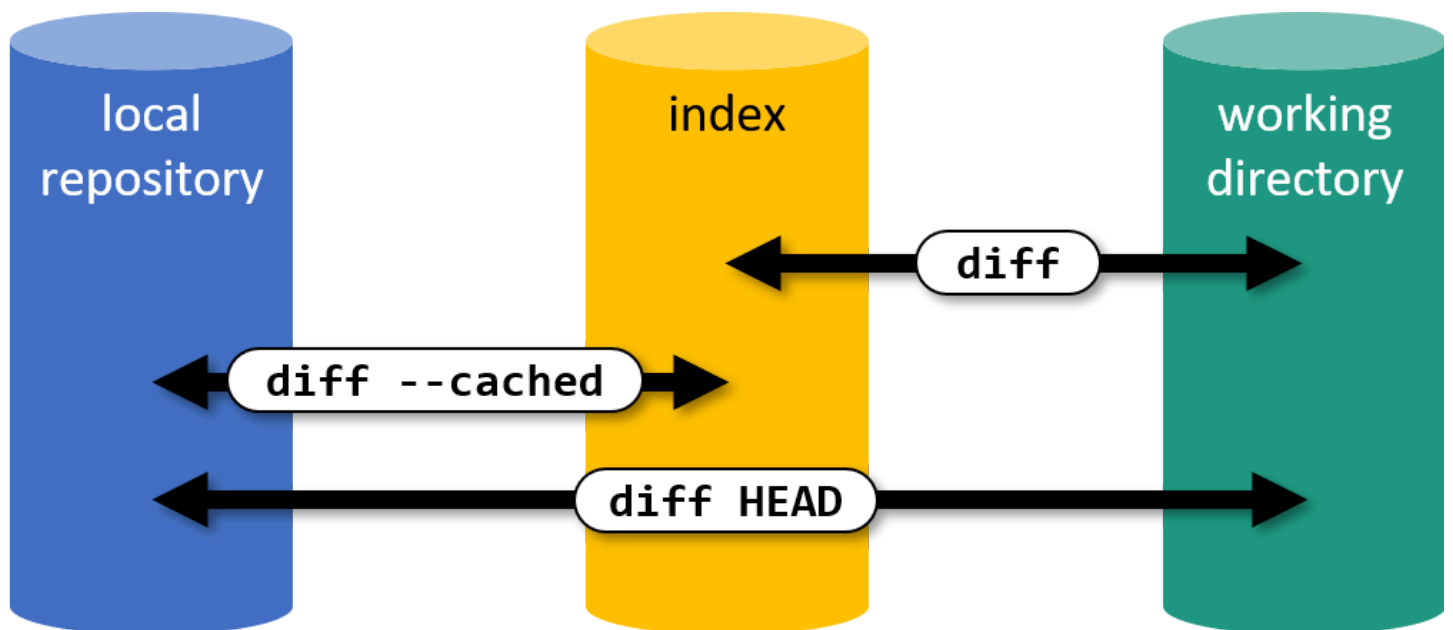
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Lab 3: Status and Diff

Exercise 1

1. Make some changes to a file in the working directory (`c:/git/demo`).
2. Add the changes to the staging area, but do not commit.
3. Check the status.
4. Make some new changes to the same file.
5. Check the status.

Exercise 2



1. Compare working directory with index.
2. Compare index with HEAD.
3. Compare working directory with HEAD.

Exercise 3

1. Assume we want to undo the change we added to the staging area. Run:

```
◦ git restore --staged <filename>
```

2. Compare working directory with index (`diff`)

3. We also want to undo the change in our working directory. Run:

```
◦ git restore <filename> OR  
  git restore --worktree <filename>
```

4. Compare working directory with index again.

Note. Before the `restore` command was available in Git version 2.23, developers had to use different commands:

- Undo change in staging area:
 - `git reset HEAD <filename>`
- Undo change in working directory:
 - `git checkout -- <filename>`