

Moving and Renaming

Shashwats-MacBook-Pro:explore_california ashshekhar\$ git checkout tour_detail_bigsur.html

Git Essential Training: The Basics
Unstage files

kevin\$ git branch
* master
kevin\$ cat .git/HEAD
ref: refs/heads/master
kevin\$ ls -l .git/refs/heads
total 8
drwxr-xr-x 3 kevinskoglund staff

1.75x 1,978 17,496 ↗

Shashwats-MacBook-Pro:first_git_project ashshekhar\$ git status
On branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
 renamed: first_file.txt => renamed_first_file.txt
 renamed: second_file.txt => secondary_file.txt

Changes not staged for commit:
(use "git add/rm <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
 deleted: third_file.txt

Untracked files:
(use "git add <file>..." to include in what will be committed)
 first_folder/

Shashwats-MacBook-Pro:first_git_project ashshekhar\$ git mv third_file.txt first_folder/third_file.txt
Shashwats-MacBook-Pro:first_git_project ashshekhar\$ git status
On branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
 renamed: third_file.txt => first_folder/third_file.txt
 renamed: first_file.txt => renamed_first_file.txt
 renamed: second_file.txt => secondary_file.txt

Shashwats-MacBook-Pro:first_git_project ashshekhar\$

Changes not staged for commit:
(use "git add/rm <file>..." to update what will be committed)
(use "git checkout -- <file>..." to discard changes in working directory)
 deleted: third_file.txt

Untracked files:
(use "git add <file>..." to include in what will be committed)
 first_folder/

kevin\$ git mv third_file.txt first_folder/third_file.txt
kevin\$ git status
On branch master
Changes to be committed:
(use "git reset HEAD <file>..." to unstage)
 renamed: third_file.txt => first_folder/third_file.txt
 renamed: first_file.txt => primary_file.txt
 renamed: second_file.txt => secondary_file.txt

kevin\$ _

"third_file.txt" to "first_folder/third_file.txt"

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Shashwats-MacBook-Pro:first_git_project ashshekhar\$ git status
On branch master
Changes not staged for commit:
(use "git add/rm <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
 deleted: first_file.txt

Untracked files:
(use "git add <file>..." to include in what will be committed)
 renamed_file.txt

no changes added to commit (use "git add" and/or "git commit -a")
Shashwats-MacBook-Pro:first_git_project ashshekhar\$ git add renamed_file.txt
Shashwats-MacBook-Pro:first_git_project ashshekhar\$ git rm first_file.txt
rm 'first_file.txt'
Shashwats-MacBook-Pro:first_git_project ashshekhar\$ git status
On branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
 renamed: first_file.txt >> renamed_file.txt

Shashwats-MacBook-Pro:first_git_project ashshekhar\$ git mv second_file.txt secondary_file.txt
Shashwats-MacBook-Pro:first_git_project ashshekhar\$ git status
On branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
 renamed: first_file.txt >> renamed_file.txt
 renamed: second_file.txt >> secondary_file.txt

Shashwats-MacBook-Pro:first_git_project ashshekhar\$

Git Essential Training: The Basics
Move and rename files

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Terminal Shell Edit View Window Help

first_file.txt >> primary_file.txt
secondary_file.txt >> secondary_file.txt

kevin\$ git status
On branch master
Changes to be committed:
(use "git reset HEAD <file>..." to unstage)
 renamed: first_file.txt >> primary_file.txt
 renamed: second_file.txt >> secondary_file.txt

Changes not staged for commit:
(use "git add/rm <file>..." to update what will be committed)
(use "git checkout -- <file>..." to discard changes in working directory)

deleted: third_file.txt

Untracked files:
(use "git add <file>..." to include in what will be committed)

first_folder/

kevin\$ _

If I come over here and I use "git + status"

1.75x 3:20 / 4:22

LinkedIn LEARNING

Exercise Files

Concept of .gitignore

Shashwats-MacBook-Pro:explore_california ashshekhar\$

Contents Git Essential Training: The Basics
Use .gitignore files

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Use .gitignore Files

- Ignore all files in a directory with a trailing slash
 - assets/videos/
- Comments
 - # This is a comment
- Blank lines are skipped

LinkedIn LEARNING

Let's try an example so you get a feel for it.

1:55 / 5:59

2x 2x 2x 2x

Shashwats-MacBook-Pro:explore_california ashshekhar\$ git status
On branch master
nothing to commit, working tree clean
Shashwats-MacBook-Pro:explore_california ashshekhar\$

Contents Git Essential Training: The Basics
Ignore tracked files

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```
Terminal Shell Edit View Window Help
explore.california -- bash -- 99+25
kevin$ git rm --cached db_config.txt
rm 'db_config.txt'
kevin$ git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)
    deleted:   db_config.txt

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)
    modified:  .gitignore

kevin$ git diff --staged
diff -git a/db_config.txt b/db_config.txt
deleted file mode 100644
index 55532..000000
--- a/db_config.txt
+++ /dev/null
@@ -1,2 +0,0 @@
-name: project database
-user: web_user
kevin$
```

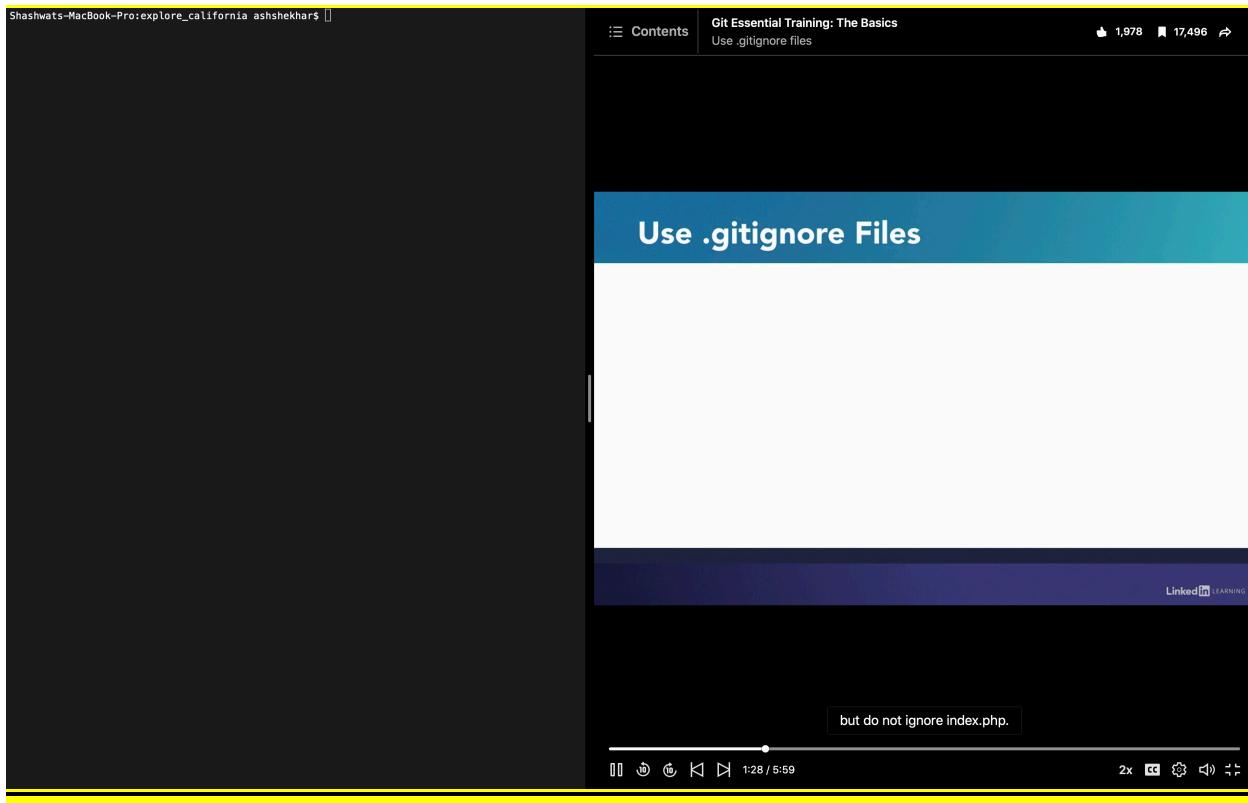
If we do git diff on the staged version, you can see

db_config.txt 4:1

LF P master ⓘ No remote GitHub ↗ LinkedIn LEARNING

3:19 / 4:50

2x 2x 2x 2x



Ideas on What to Ignore

- Compiled source code
- Packages and compressed files
- Logs and databases
- Operating system generated files
- User-uploaded assets (images, PDFs, videos)