

43-short-lnk video

Some simple git workflows

- if you make errors you can use the git checkout command to go back to the original state
- first you run git status and see which file you dont want to add, and want to go back how it was
- you then run the git checkout followed by the file name
- and you will notice that change in your code in your file immediately

```
joses-MacBook-Pro:short-lnk mendoza$ git checkout -- client/main.html
```

- **or if you have** multiple files you want reverted you just type

```
joses-MacBook-Pro:short-lnk mendoza$ git checkout -- .
```

- **we** are going to make some changes to our code just get some practice in so in Login.js we added the word Login

```
}  
  
render(){  
  return (  
    <div className = "boxed-view">  
      <div className = "boxed-view__box">  
        <h1>Short Lnk Login</h1>  
  
        {this.state.error ? <p>{this.state.error}</p>: undefined}  
  
        <form onSubmit={this.onSubmit.bind(this)} noValidate className="boxed-view__  
form">  
          <input type="email" ref="email" name="email" placeholder="Email"/>  
          <input type="password" ref="password" name="password"  
placeholder="Password"/>  
          <button className="button">Login</button>  
        </form>
```

- and we are also going to create a new file called readme.md in our root directory of short-lnk
- and just type the name of our app in this new file

```
Short Lnk
```

- and over our terminal lets do a git status
- we see the file we made changes to and the new file that we are not tracking

```
joses-MacBook-Pro:short-lnk mendoza$ git status
```

On branch master

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:   imports/ui/Login.js
```

Untracked files:

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

```
    readme.md
```

- now we can run git add . to add all of our files
- and git status

```
joses-MacBook-Pro:short-lnk mendoza$ git add .
```

```
joses-MacBook-Pro:short-lnk mendoza$ git status
```

On branch master

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

```
    modified:   imports/ui/Login.js
```

```
    new file:   readme.md
```

```
joses-MacBook-Pro:short-lnk mendoza$
```

- now if youre not ready to commit and you want to go back to unstage, which means before you use git add .

```
joses-MacBook-Pro:short-lnk mendoza$ git reset HEAD .
```

Unstaged changes after reset:

```
M      imports/ui/Login.js
```

- we then do a git status to see what happend
- as you can see it took back to how it was before, but the code did not change you still have the changes you made and the file that was created

```
joses-MacBook-Pro:short-lnk mendoza$ git status
```

On branch master

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:   imports/ui/Login.js
```

Untracked files:

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

```
        readme.md
```

- in our case we want to add the changes and commit them

```
joses-MacBook-Pro:short-lnk mendoza$ git add .
```

```
joses-MacBook-Pro:short-lnk mendoza$ git status
```

On branch master

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

```
        modified:   imports/ui/Login.js
```

```
        new file:   readme.md
```

```
joses-MacBook-Pro:short-lnk mendoza$ git commit -m "Add readme docs"
```

```
[master 4283297] Add readme docs
```

```
3 files changed, 2 insertions(+), 1 deletion(-)
```

```
create mode 100644 notes/42-short-lnk video.pdf
```

```
create mode 100644 readme.md
```

- now lets run git log to see our modifications

```
joses-MacBook-Pro:short-lnk mendoza$ git log  
commit 428329759f2dbc77c316154f8198d555d4898ff2 (HEAD -> master)  
Author: Jose Mendoza <jose@jjmendoza.com>  
Date:   Fri Nov 3 09:53:24 2017 -0700
```

Add readme docs

```
commit 98cde73c99d60beaf4abc48e9971ed4e3aa6ce5a  
Author: Jose Mendoza <jose@jjmendoza.com>  
Date:   Fri Nov 3 09:27:23 2017 -0700
```

Initial commit

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