

Git⁺: playing with History

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A workshop for 42 Campus

Who am I?

- Tetuan Valley (Intern) [2012]
- Wayra (Intern) [2013]
- Yaap (Junior) [2014]
- Doctor 24 (Junior) [2015]
- Tuenti (Middle) [2017]
- Telefonica (Senior) [2022]

1.

Statement

2.

Saving Points

3.

Intro Rebase

4.

Workshop Time

5.

Cheat Sheet

6.

onto

7.

End

Once you `$> git commit`, you can't loose your work.

Once you \$> git commit,
you can't lose your work

commit = saving point

Select save data to load.

commit →



commit →



Autosave

commit →



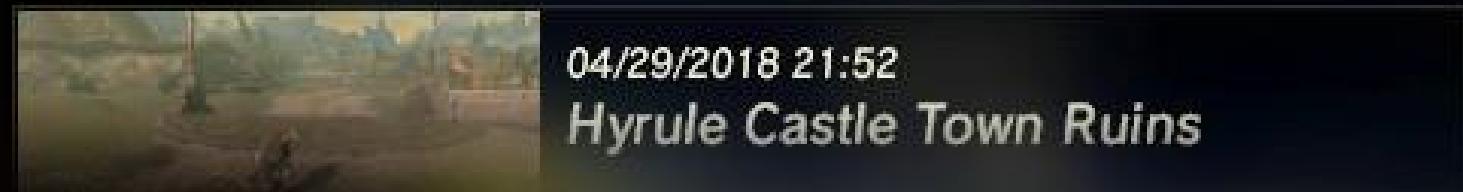
Autosave

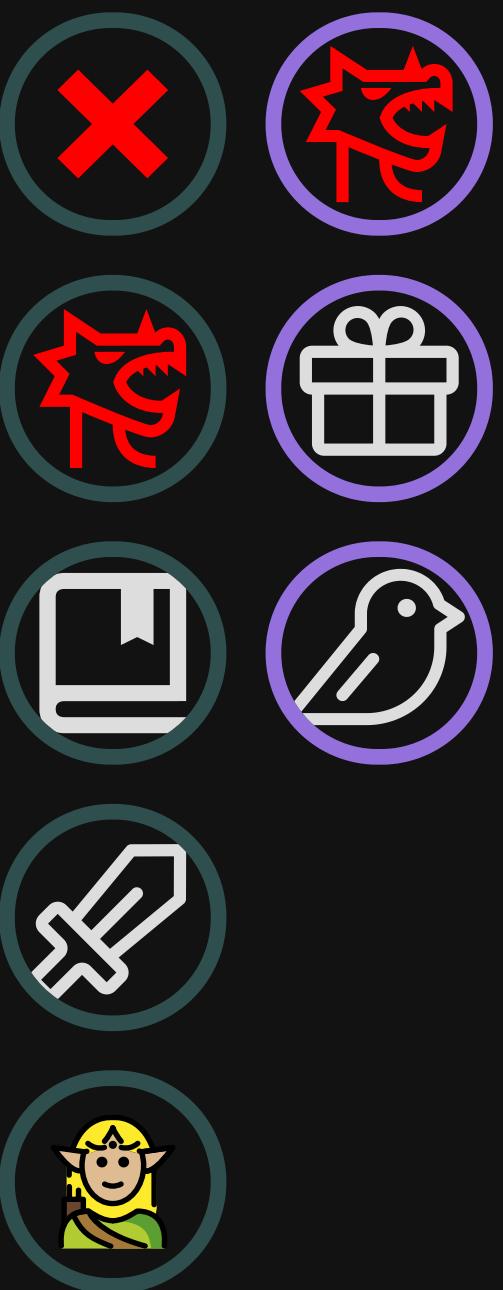


Autosave



Autosave





git rebase

Rewrite the history

- After getting the sword and the book...



- We did beat the bird 



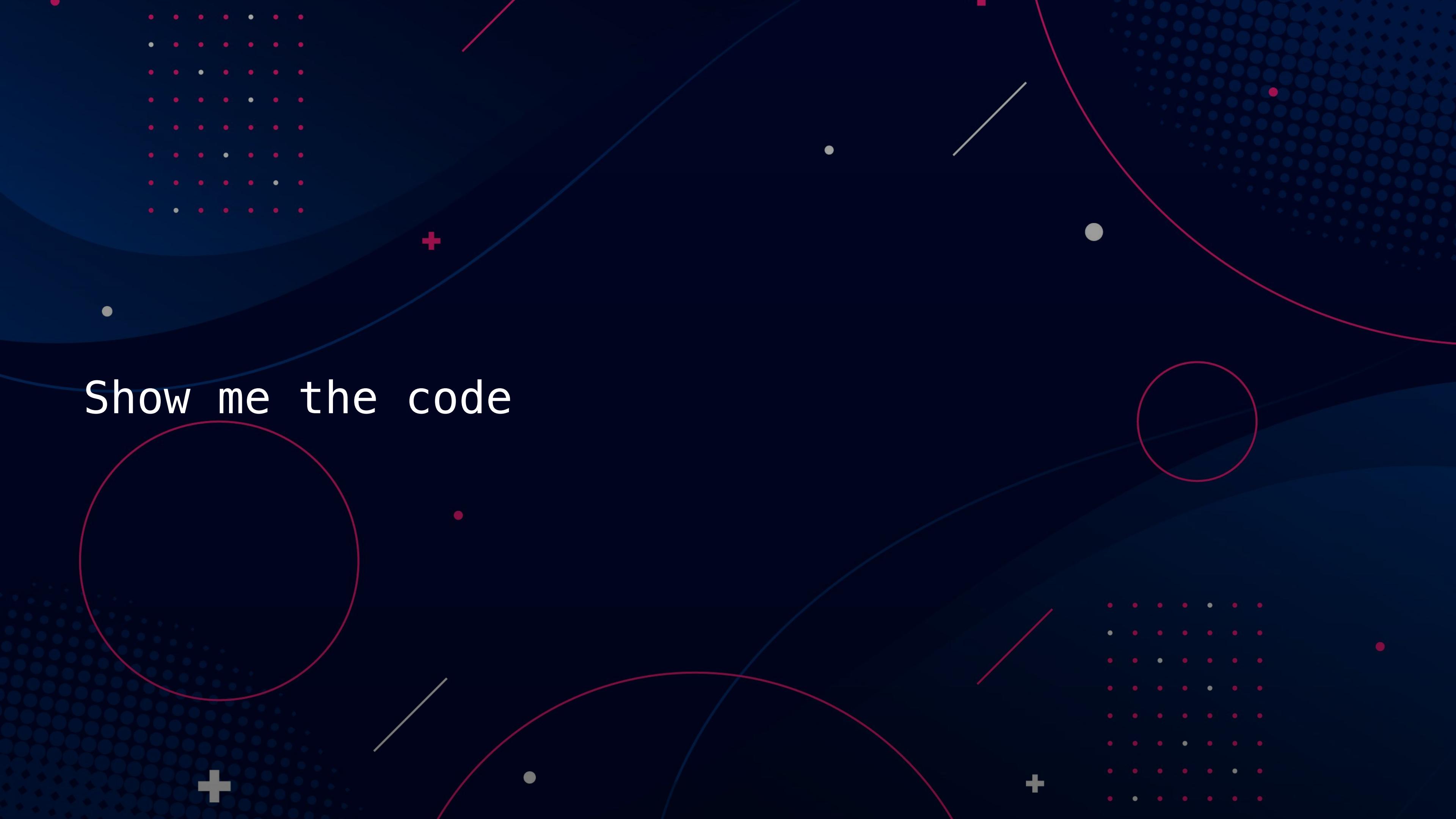
- We did get the ~~reward~~ => **SPECIAL**

REWARD 



- We did face the dragon in that conditions
- We did win





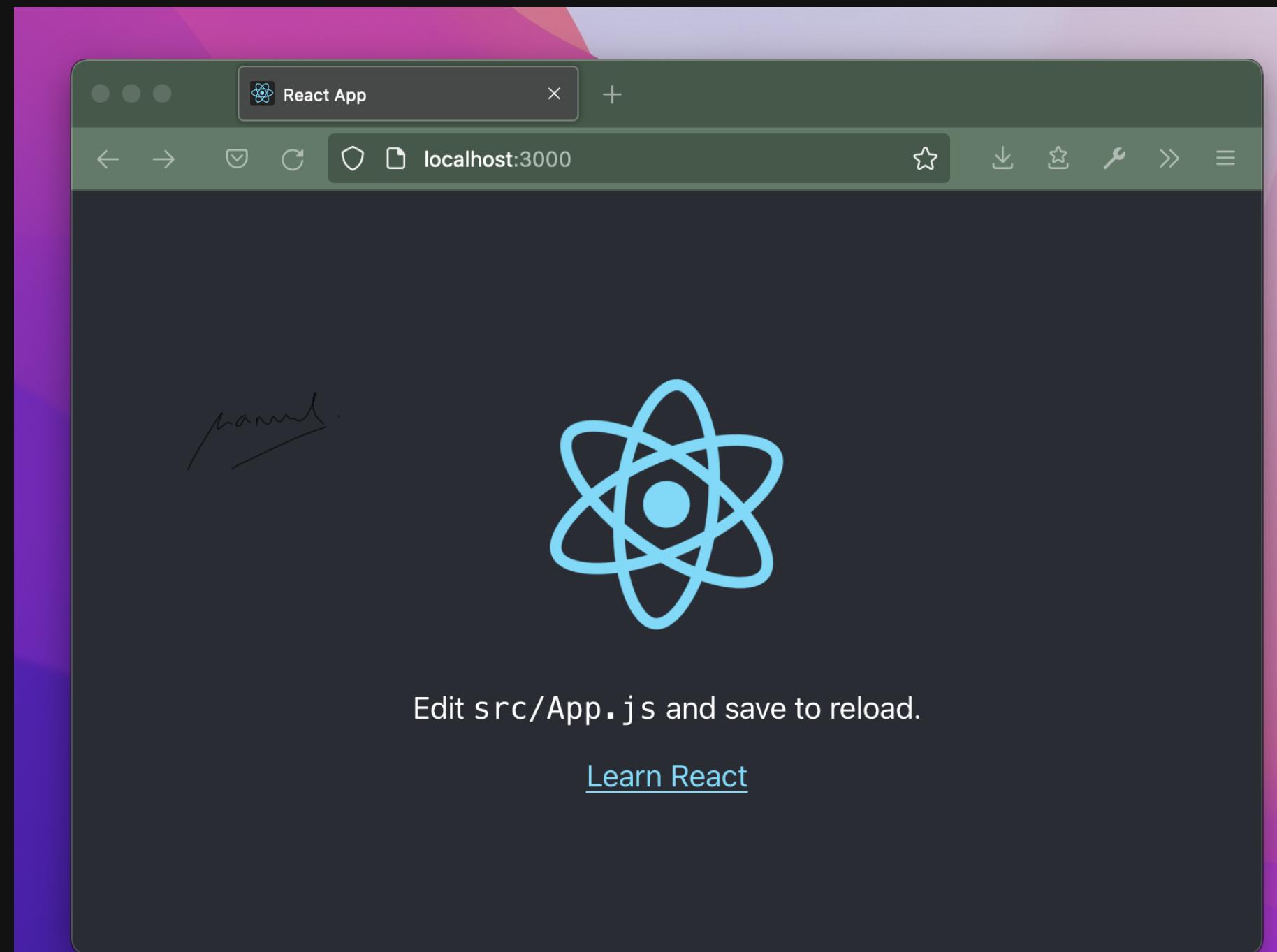
Show me the code



Octo-Git-42

- branch: main
- commit: df55345

```
Commit | Graph | Description
c0cb057 | origin/test/monkey-counter | test/monkey-counter | test + fix
e7e28c3 | origin/feat/monkey-counter | feat/monkey-counter | feature: <MonkeyCounter /> detects 42
d7aa70a | | | fix: using "hear no evil" at MonkeyCounter
f6ee0cf | | | feat: new component <MonkeyCounter />
8a134b4 | origin/feat/main-layout | feat/main-layout | test: App.test.js
12ae12c | | | fix: replace favicon
aa209ac | | | feat: main layout
df55345 | main | origin/main | origin/HEAD | yarn create react-app octo-git-42
61858f1 | | | | Initial commit
```



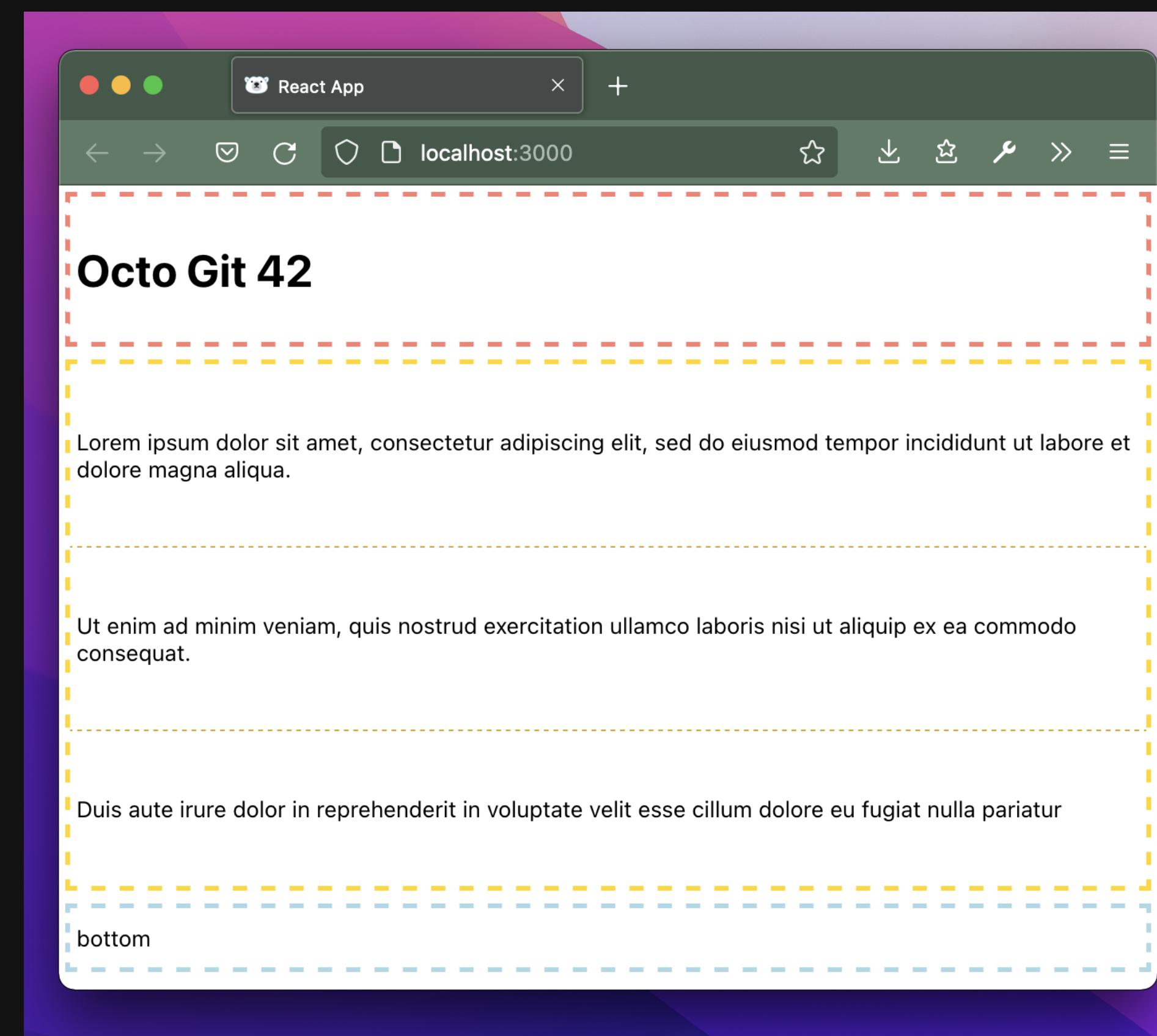


Octo-Git-42

- branch: `feat/main-layout`
- commit: `8a134b4`

A screenshot of a GitHub commit history for the 'feat/main-layout' branch. The commits are listed vertically:

- c0cb057: test + fix (origin/test/monkey-counter, test/monkey-counter)
- e7e28c3: feature: <MonkeyCounter /> detects 42 (origin/feat/monkey-counter, feat/monkey-counter)
- d7aa70a: fix: using "hear no evil" at MonkeyCounter
- f6ee0cf: feat: new component <MonkeyCounter />
- 8a134b4**: test: App.test.js (feat/main-layout, origin/feat/main-layout)
- 12ae12c: fix: replace favicon
- aa209ac: feat: main layout
- df55345: yarn create react-app octo-git-42 (origin/main, origin/HEAD, main)
- 61858f1: Initial commit



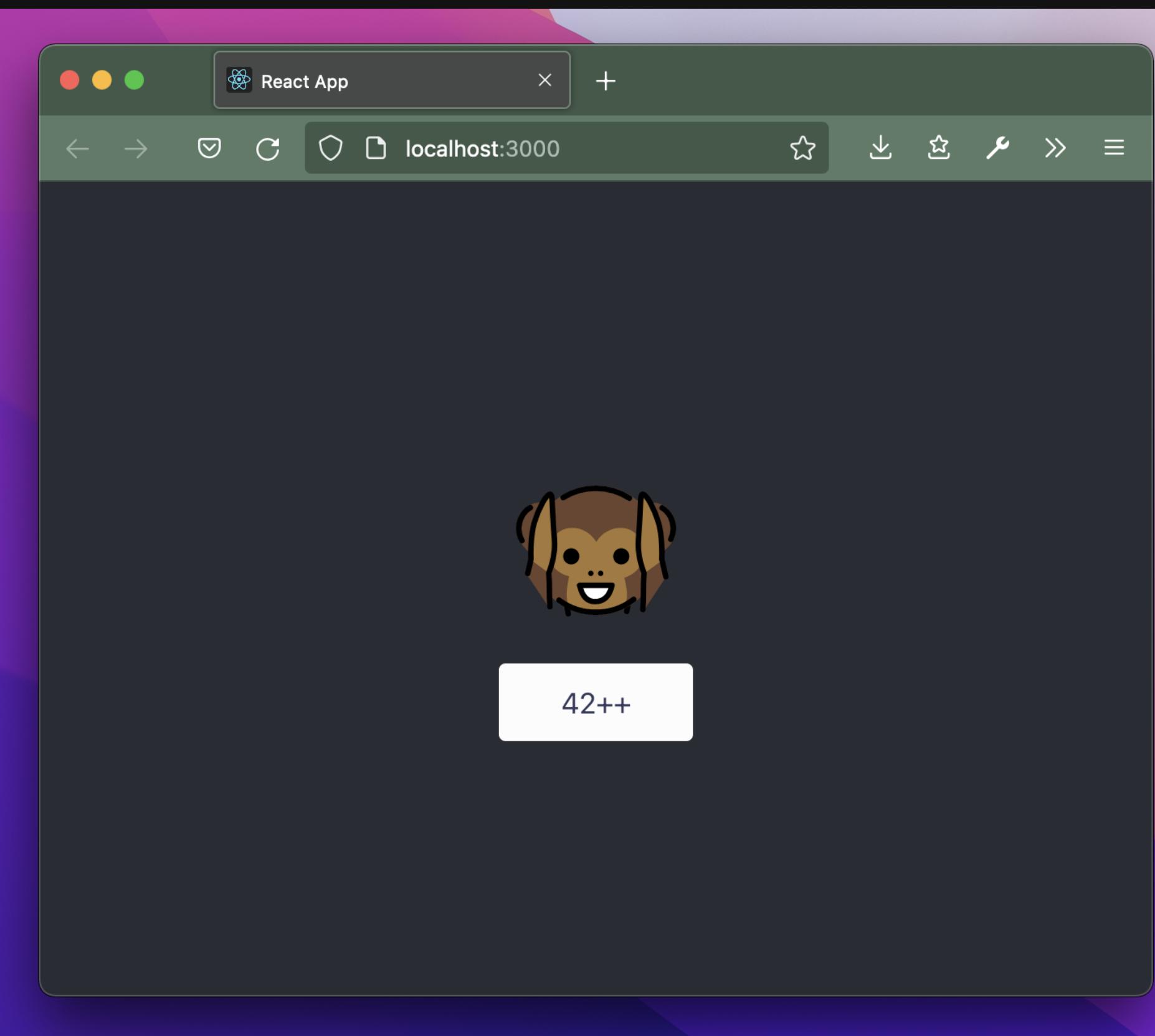


Octo-Git-42

- branch: `feat/tree-monkey-counter`
- commit: `e7e28c3`

Commit | Graph | Description

Commit	Author	Message
c0cb057		origin/test/monkey-counter test + fix
e7e28c3		feat/monkey-counter origin/feat/monkey-counter feature: <MonkeyCounter /> detects 42
d7aa70a		fix: using "hear no evil" at MonkeyCounter
f6ee0cf		feat: new component <MonkeyCounter />
8a134b4		origin/feat/main-layout feat: App.test.js
12ae12c		fix: replace favicon
aa209ac		feat: main layout
df55345		origin/main origin/HEAD main yarn create react-app octo-git-42
61858f1		Initial commit





Octo-Git-42

- branch: test/monkey-counter
- commit: c0cb057

Commit | Graph | Description

c0cb057 → test/monkey-counter → origin/test/monkey-counter test + fix
e7e28c3 → origin/feat/monkey-counter → feat/monkey-counter feature: <MonkeyCounter /> detects 42
d7aa70a fix: using "hear no evil" at MonkeyCounter
f6ee0cf feat: new component <MonkeyCounter />
8a134b4 → origin/feat/main-layout → feat/main-layout test: App.test.js
12ae12c fix: replace favicon
aa209ac feat: main layout
df55345 → origin/main → origin/HEAD → main yarn create react-app octo-git-42
61858f1 Initial commit

yarn test

PASS	src/components/monkey-counter.test.js
PASS	src/App.test.js

Test Suites: 2 passed, 2 total
Tests: 2 passed, 2 total
Snapshots: 0 total
Time: 1.335 s
Ran all test suites.

Watch Usage: Press w to show more. □

git rebase --interactive

```
# Commands:  
# p, pick <commit> = use commit  
# r, reword <commit> = use commit, but edit the commit message  
# e, edit <commit> = use commit, but stop for amending  
# s, squash <commit> = use commit, but meld into previous commit  
# f, fixup <commit> = like "squash" but keep only the previous commit's log message.  
# x, exec <command> = run command (the rest of the line) using shell  
# b, break = stop here (continue rebase later with 'git rebase --continue')  
# d, drop <commit> = remove commit
```

```
git rebase --onto <new> <old>
```

TODO

Resources

- Repository 
- Slides 
- Free Backgrounds 

END