

Team number: 6

Product Owner: Dipto Pratyaksa

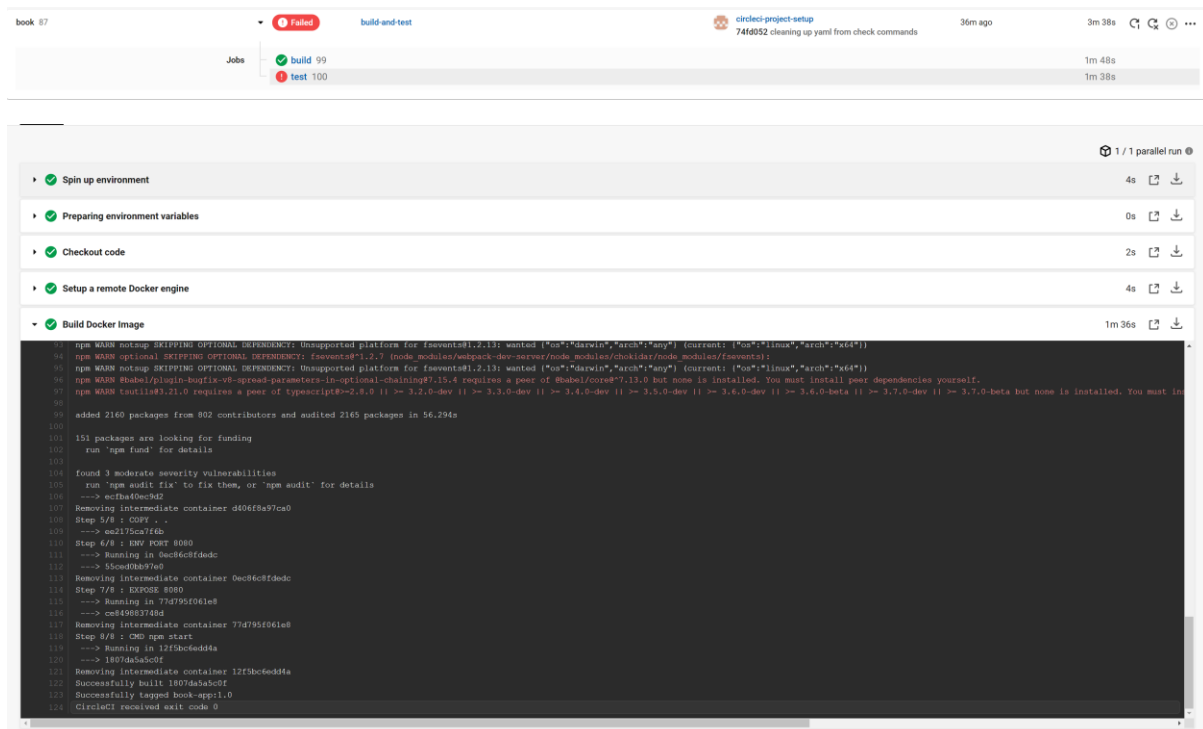
Team members:

Scrum Master: Kim Ta

Testing: Megan Dalton

Development team: Declan Baker, Dineth Abeysinghe

Latest Test:



Successful build of docker container using Dockerfile to build the project.

```

  • Spin up environment 7s
  • Preparing environment variables 0s
  • Checkout code 2s
  • Install Dependencies 1m 20s
  • Jest Test 8s

1 #!/bin/bash -eo pipefail
2 npm test --prefix FrontEnd/myfirstapp
3
4
5 > myfirstapp@0.1.0 test /home/circleci/project/FrontEnd/myfirstapp
6 > react-scripts test --testResultsProcessor ./node_modules/jest-junit
7
8 FAIL src/App.test.js
9   ✖ User (2 ms)
10
11   • User
12
13     TypeError: (0 , _register.connect) is not a function
14
15     33 |
16     34 | test("User", () => {
17     > 35 |     const user = connect(
18         |         ^
19     36 |         "testuser", "http://mail.com");
20     37 |     expect(user).toBe("testuser", "http://mail.com");
21     38 |
22
23     at Object.<anonymous> (src/App.test.js:35:16)
24
25 Test Suites: 1 failed, 1 total
26 Tests:      1 failed, 1 total
27 Snapshots:  0 total
28 Time:       4.74s
29 Ran all test suites.
30 npm ERR! Test failed.  See above for more details.
31
32
```

Failed jest unit test, as the current react build cannot find the needed constant (this may be error on the tester fault a the right files may not be imported properly)

Notable Successes:

book 35

build-and-package

circleci-project-setup
c8d6815 build docker container

1d ago

3m 7s

Jobs

build 35

3m 1s

First successful proper Docker container build after some internal file path issues were rectified. This is not the same set up contained in the final build config as included was both the Dockerfile npm install command and separate npm install command for CircleCi.

book 36

build-and-package

circleci-project-setup
4b9d07e removing separate npm install command until needed

1d ago

1m 46s

Jobs

build 36

1m 41s

Second successful Docker container build, this config is closest to the final build config as the unneeded npm install command was taken out, so dependencies were not being installed twice.

Notable Failures:

book 32

build-and-package

circleci-project-setup
76f5a96 install deps

4d ago

44s

Jobs

build 32

39s

| | | | |
|---|-----|--|--|
| • Spin up environment | 6s | | |
| • Preparing environment variables | 0s | | |
| • Checkout code | 2s | | |
| • Install Dependencies | 1s | | |
| • Setup a remote Docker engine | 27s | | |
| • Build Docker Image | 0s | | |
| <pre> 1 \$! /bin/bash -eo pipefail 2 docker build -t book-app:1.0 . 3 4 unable to prepare context: unable to evaluate symlinks in Dockerfile path: lstat /home/circleci/project/Dockerfile: no such file or directory 5 6 Exited with code exit status 1 7 CircleCI received exit code 1 </pre> | | | |

Failure when trying to build the Docker container as the difference in file directories between local file paths and file paths when running through CircleCi caused the machine to be unable to find the Dockerfile when initially build the container.

| | | | | | | | | |
|---------|----------|-------------------|---|--------|--------|--|--|-----|
| book 69 | Failed | build-and-package | circleci-project-setup 2f417cd finding react scripts | 6h ago | 2m 57s | | | ... |
| Jobs | build 79 | test 80 | | | 1m 56s | | | |
| | | | | | 55s | | | |

| | | | |
|---|-----|--|--|
| • Spin up environment | 14s | | |
| • Preparing environment variables | 0s | | |
| • Checkout code | 1s | | |
| • Install Dependencies | 37s | | |
| • list dir | 0s | | |
| • print dir | 0s | | |
| • Jest Test | 0s | | |
| <pre> 23 If you would prefer to ignore this check, add SKIP_PREFLIGHT_CHECK=true to an .env file in your project. 24 That will permanently disable this message but you might encounter other issues. 25 26 To fix the dependency tree, try following the steps below in the exact order: 27 28 1. Delete package-lock.json (not package.json!) and/or yarn.lock in your project folder. 29 2. Delete node_modules in your project folder. 30 3. Remove "jest" from dependencies and/or devDependencies in the package.json file in your project folder. 31 4. Run npm install or yarn, depending on the package manager you use. 32 33 In most cases, this should be enough to fix the problem. 34 If this has not helped, there are a few other things you can try: 35 36 5. If you used npm, install yarn (http://yarnpkg.com/) and repeat the above steps with it instead. 37 This may help because npm has known issues with package hoisting which may get resolved in future versions. 38 39 6. Check if /home/circleci/project/FrontEnd/myfirstapp/node_modules/jest is outside your project directory. 40 For example, you might have accidentally installed something in your home folder. 41 42 7. Try running npm ls jest in your project folder. 43 This will tell you which other package (apart from the expected react-scripts) installed jest. 44 45 If nothing else helps, add SKIP_PREFLIGHT_CHECK=true to an .env file in your project. 46 That would permanently disable this preflight check in case you want to proceed anyway. 47 48 P.S. We know this message is long but please read the steps above :) We hope you find them helpful! 49 50 npm ERR! Test failed. See above for more details. 51 52 Exited with code exit status 1 53 CircleCI received exit code 1 </pre> | | | |

When trying to implement the npm test command for Jest unit testing, there was a dependency issue with the package.json and the version of Jest that was called by the react-script for testing.

| | | | | | | | | |
|---------|---------|-------------------|--|--------|--------|--|--|-----|
| book 72 | Failed | build-and-package | circleci-project-setup 656b676 fixing jest dependency | 6h ago | 2m 35s | | | ... |
| Jobs | test 83 | | | | 2m 28s | | | |

| | | | |
|---------------------------------|-------|-------------------|-------------------|
| Spin up environment | 7s | 🔗 | ↓ |
| Preparing environment variables | 0s | 🔗 | ↓ |
| Checkout code | 2s | 🔗 | ↓ |
| Install Dependencies | 2m 5s | 🔗 | ↓ |
| list dir | 0s | 🔗 | ↓ |
| print dir | 0s | 🔗 | ↓ |
| Jest Test | 11s | 🔗 | ↓ |

```

168         </div>
169     </div>
170 </div>
171 </div>
172 </div>
173 </div>
174 </div>
175 </div>
176 </body>
177
178 5 | test('renders learn react link', () => {
179 6 |   const { getByText } = render(<App />);
180 > 7 |   const linkElement = getByText(/learn react/i);
181   |
182 8 |   expect(linkElement).toBeInTheDocument();
183 9 | });
184 10 |
185
186 at Object.getElementError (node_modules/@testing-library/dom/dist/config.js:34:12)
187 at node_modules/@testing-library/dom/dist/query-helpers.js:71:28
188 at getByText (node_modules/@testing-library/dom/dist/query-helpers.js:54:17)
189 at Object.<anonymous> (src/App.test.js:7:22)
190
191 Test Suites: 1 failed, 1 total
192 Tests:      1 failed, 1 total
193 Snapshots:  0 total
194 Time:       7.406 s
195 Ran all test suites.
196 npm ERR! Test failed. See above for more details.
197
198
199 Exited with code exit status 1
200 CircleCI received exit code 1

```

Fixing of the dependency problem for jest, the test had failed due to the default test inside the app.test.js file not functioning properly.