Chapter 1: Getting Started with ReactJS

Hello World from Learning ReactJS
Chapter 2: Exploring JSX and the ReactJS Anatomy
Chapter 3: Working with Properties

- Write this book with love <3
- Learn how to create isomorphic web apps
- Study FLUX architecture
Dashboard

This app is in development mode. 171

App ID 784445024159168
App Secret ********

Getting Started
The quickstart guides cover what you need to do in order to be able to start using the Facebook SDK for iOS, Android, Canvas and Websites.

Facebook Login
Active Login Users Trend

Logout

Facebook User's list of likes

Forgot your password?
Facebook User's list of likes

Danilo Corvalan | Logout

Astronomy  
Field of study

Richard Dawkins  
Author

Neil deGrasse Tyson  
Public figure

Carl Sagan  
Public figure
Chapter 4: Stateful Components and Events

React stateful component

Hi Michael Jackson

React stateful component

Hi undefined Jordan

My React App - Mozilla Firefox

File://home/doel/reactjs/state-app/app1/index.html

Hi
My Browser Window current inner Width is 497 pixels
My Browser Window current height is 219 pixels
Facebook User's list of likes

Name: Crayon Flakes
Category: Clothing

Name: React
Category: Community
Facebook User's list of likes

Name: I liked it
Category: Clothing

Name: React
Category: Community
Hi There, I am learning ES6 in React.

Clicks: 2
Chapter 6: Reacting with Flux
js
  └── actions
      ├── app-actions.js
  └── components
      ├── app-addbooktolibrary.js
      ├── app-booklist.js
      ├── app-readinglist.js
      └── app-removelfromreadinglist.js
          └── app.js
  └── constants
      └── app-constants.js
  └── dispatchers
      └── app-dispatchers.js
  └── stores
      └── app-stores.js
  └── main.js

index.html
Sample Application

My First Flux App
## Book List

<table>
<thead>
<tr>
<th>Sherlock Holmes Story 1</th>
<th>Want to borrow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sherlock Holmes Story 2</td>
<td>Want to borrow</td>
</tr>
<tr>
<td>Sherlock Holmes Story 3</td>
<td>Want to borrow</td>
</tr>
<tr>
<td>Sherlock Holmes Story 4</td>
<td>Want to borrow</td>
</tr>
<tr>
<td>Sherlock Holmes Story 5</td>
<td>Want to borrow</td>
</tr>
</tbody>
</table>

## Reading List

<table>
<thead>
<tr>
<th>Book Completed</th>
<th>Book Name</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sherlock Holmes Story 3</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Sherlock Holmes Story 4</td>
<td>1</td>
</tr>
</tbody>
</table>
Chapter 7: Making Your Component Reusable

SetInterval increase by 10 in every 100ms : 2010

Mixin1: I am from first mixin

Mixin2: I am from second mixin
I am learning react
<ValidationApp name="react">
</ValidationApp>

Props
name: "react"

⚠️ You are using the in-browser JSX transformer. Be sure to precompile your JSX for production - http://facebook.github.io/react/docs/tooling-integration.html#jsx

⚠️ Warning: Failed propType: Can you add a longer Property Name, more than 7chars
Chapter 8: Testing React Components

> JStamp@1.0.0 test /home/doel/reactjs/testing_jest_ch8/app2_mocha_chai
> mocha src/index.test.js

random
✓ should work!
✓ return my Name

2 passing (17ms)

> @ test /home/doel/reactjs/testing_jest_ch8/jest1
> jest

Using Jest CLI v0.8.2, jasmine1

FAIL __tests__/greetings-test.js (0.024s)

● greetings › it greets the name
   · ReferenceError: greetings is not defined
     at Object.eval (greetings.js:5:18)
     at Spec.eval (__tests__/greetings-test.js:6:16)

1 test failed, 0 tests passed (1 total in 1 test suite, run time 1.168s)

npm ERR! Test failed. See above for more details.

doel@doel-Vostro-3500:~/reactjs/testing_jest_ch8/jest1$ npm test
> @ test /home/doel/reactjs/testing_jest_ch8/jest1
> jest

Using Jest CLI v0.8.2, jasmine1

PASS __tests__/greetings-test.js (0.03s)

1 test passed (1 total in 1 test suite, run time 1.967s)

doel@doel-Vostro-3500:~/reactjs/testing_jest_ch8/jest1$ jest

Using Jest CLI v0.8.2, jasmine1

PASS __tests__/greetings-test.js (0.047s)

1 test passed (1 total in 1 test suite, run time 1.712s)
doel@doel-Vostro-3500:~/reactjs/testing_jest_ch8/app4_withBabel$ ll
total 28
-dw-rwxr-x 4 doel doel 4096 Jan 1 23:32 ./
-drwxrwxrwx 9 doel doel 4096 Jan 1 22:12 /
-rw-rw-r-- 1 doel doel 30 Jan 1 23:23 .babelrc
-rwxr-xr-x 1 doel doel 93 Jan 1 03:14 greetings.js*
-rwxrwxrwx 1 doel doel 540 Jan 1 22:57 package.json*
-drwxr-xr-x 15 doel doel 4096 Jan 1 23:32 node_modules/
-rwxrwxrwx 1 doel doel 540 Jan 1 22:57 __test__/

doel@doel-Vostro-3500:~/reactjs/testing_jest_ch8/app4_withBabel$ npm test
> @ test /home/doel/reactjs/testing_jest_ch8/app4_withBabel
> mocha './__test__/*.test.js' --compilers js:babel-core/register

greetings
  ✓ greets the name

setup
  ✓ testing the setup is working

2 passing (17ms)

```javascript
.GreetingComponent
{
  '$$typeof': Symbol(react.element),
  type: 'div',
  key: null,
  ref: null,
  props: {classname: 'Greeting', children: [ [Object], [Object] ]},
  _owner: null,
  store: {} }
```
Greetings

{ '$$typeof': Symbol(react.element),
  type: 'h2',
  key: null,
  ref: null,
  props: { className: 'heading2', children: 'Hi' },
  _owner: null,
  _store: {} }

{ '$$typeof': Symbol(react.element),
  type: 'span',
  key: null,
  ref: null,
  props: { className: 'like', children: 'ReactJS' },
  _owner: null,
  _store: {} } ]
> @ test /home/doel/reactjs/testing_jest_ch8/app5.reactWithTesting
> mocha './__test__/*.test.js' --compilers js:babel-core/register

From Common Code

```javascript
{ '$$typeof': Symbol(react.element),
  type: 'div',
  key: null,
  ref: null,
  _owner: null,
  _store: {} }
```

**GreetingComponent**

- **Common code**

**h2 component**

```javascript
{ '$$typeof': Symbol(react.element),
  type: 'div',
  key: null,
  ref: null,
  _owner: null,
  _store: {} }
```

✓ should greet with the greeting Hi

**span component**

```javascript
{ '$$typeof': Symbol(react.element),
  type: 'div',
  key: null,
  ref: null,
  _owner: null,
  _store: {} }
```

✓ should return the like as ReactJS

**setup**

✓ testing the setup is working

3 passing (20ms)
Chapter 9: Preparing your Code for Deployment

```
$ sudo npm install -g webpack
$ npm install webpack
```

```
drwxrwxr-x 4 doel doel 4096 Jan  8 21:50 ./
drwxrwxrwx 17 doel doel 4096 Jan  8 17:40 /node_modules
-rw-r--r-- 1 doel doel  0 Jan  8 21:48 bundle.js
-rw-r--r-- 1 doel doel  0 Jan  8 21:49 index.html
-rw-r--r-- 4 doel doel 4096 Jan  8 21:50 node_modules/
-rw-r--r-- 1 doel doel 221 Jan  8 17:45 package.json
-rw-r--r-- 2 doel doel 4096 Jan  8 20:12 src/
-rw-r--r-- 1 doel doel  0 Jan  8 20:13 webpack-config.js
```
doel@doel-Vostro-3500:~$ reactjs/webpack_ch9/app1$ sudo webpack -w -v
Hash: 12a3374c336415079893
Version: webpack 1.12.10
Time: 8372ms
  Asset    Size  Chunks Chunk Names
./src/bundle.js  1.76 kB  0 [emitted] main
  + 1 hidden modules
Hash: bacafde43d68ac702113
Version: webpack 1.12.10
Time: 590ms
  Asset    Size  Chunks Chunk Names
./src/bundle.js  3.62 kB  0 [emitted] main
  + 1 hidden modules

doel@doel-Vostro-3500:~$ reactjs/webpack_ch9/app1$ gulp
[02:22:55] Starting 'default'...
[02:22:55] Finished 'default' after 94 μs

[ ] Access URLs:
-------------
[ ] Local: http://localhost:3000
[ ] UI: http://localhost:3001
-------------

[ ] Serving files from: ./
[00:06:17] Finished 'eslinter' after 341 ms
[00:06:17] Starting 'default'...
[00:06:17] Finished 'default' after 14 μs
[ ] Reloading Browsers...
index.js
  1:10  error  Parsing error: Unexpected string

1 problem (1 error, 0 warnings)

[00:12:40] 'eslinting' errored after 333 ms
[00:12:40] ESLintError in plugin 'gulp-eslint'
  Message:
    Failed with 1 error
Chapter 10: What’s Next

- This is the default Landing Page in absence of any parameter in url
• I am learning react

• This is the default Landing Page in absence of any parameter in url