First fill in the questionnaire form to illustrate your background:

https://docs.google.com/forms/d/e/1FAlpQLSfss-YtxcA-BFBMd8hVR4EW\_M5DqFvwbaaDDtbITPze5 XYj-A/viewform?usp=sf\_link

After fill in the form, you will need to read this document while open the corresponding txt file to write down your result. Return the completed txt file to me.

Instruction: Your task is to evaluate the commit messages based on the commit code diffs, so first look at the code diffs and determine what the code changes are, and you will be given 2 commit messages generated by different models for each commit. You need to score each commit message from the following criteria from the perspectives of Expressiveness, and Informativeness, with a minimum score of 0 and a maximum score of 4. Finally, compare the two commit messages given for each commit and select the Best description number (1 or 2).

#### **Evaluation Criteria:**

Expressiveness	Description
0	Cannot read and understand.
1	The content is difficult to read and understand.
2	The content is somewhat readable and understandable.
3	The content is mostly readable and understandable.
4	The content is very easy to read and understand.

Informativeness	Description
0	No information about the code change is provided.
1	Some crucial information is missing, making it hard to understand the code changes.
2	Some information is missing, but the missing parts are not essential for understanding the code changes.
3	There is some missing information, but none of it is necessary to understand the code changes.
4	All necessary information about the code change is included.

```
diff --git a/src/common/reducers/layout/index.js
b/src/common/reducers/layout/index.js @@ -43,17 +43,10 @@ export function
layout (state: State = initialState, action: Action): State {
}
switch (action.type) {
case APPLICATION_INIT:
```

```
5 - case UI_WINDOW_RESIZE: {
 6 - const {innerWidth} = action.payload
7 - const {isMobile, isMobileSM, isMobileXS} = computeMobileStatuses(
8 - innerwidth
9 - )
10 + case UI_WINDOW_RESIZE:
11 return {
12 ...state,
13 - isMobile,
14 - isMobileSM,
15 - isMobileXS
16 - }
17 + ...computeMobileStatuses(action.payload.innerWidth)
18 }
19 case UI_OPEN_SIDEBAR:
20 return {
```

1: 'fix: mobile status'

Expressiveness:

Informativeness:

2: 'refactor(layout): simplify UI\_WINDOW\_RESIZE case in layout reducer'

Expressiveness:

Informativeness:

**Best description number:** 

```
1 diff --git a/README.md b/README.md -# :warning: Doc Site Interruptions
    :warning:
2 -Our doc site DNS and CDN providers are having issues at the moment.
 3
   -**Please use https://semantic-org.github.io/Semantic-UI-React as a short-
    term fix.**
   -Images will not load with this link, however, the majority of the docs will
    be usable.
 6
   -Thanks for your patience and help while we resolve these issues:
 7
   -- [CDN Issue #1404](https://github.com/Semantic-Org/Semantic-UI-
    React/issues/1404)
   -- [DNS Issue #1429](https://github.com/Semantic-Org/Semantic-UI-
    React/issues/1429)
10
   _***
11
12 <!-- Logo -->
   13
14
   <a href="http://react.semantic-ui.com">
   @@ -18,7 +7,7 @@ Thanks for your patience and help while we resolve these
15
   issues:
16
   <!-- Name -->
17
   <h1 align="center">
```

```
18 - <a href="https://semantic-org.github.io/Semantic-UI-React">Semantic UI
    React</a>
19 + <a href="http://react.semantic-ui.com/">Semantic UI React</a>
20 </h1>
21 <!-- Badges -->
22
    @@ -164,7 +153,7 @@ Big thanks to our [contributors][20], especially:
23
    - @layershifter for bringing momentum and continual support
24
    [1]: https://github.com/Semantic-Org/Semantic-UI-
    React/blob/master/.github/CONTRIBUTING.md
25
    -[2]: https://semantic-org.github.io/Semantic-UI-React
26 +[2]: http://react.semantic-ui.com/
27 [3]: https://facebook.github.io/react/
28 [4]: https://github.com/Semantic-Org/Semantic-UI-React/labels/help%20wanted
29 [5]: http://semantic-ui.com/
```

1: 'docs: update homepage link to use HTTPS, Update the homepage link in the README.md file to use HTTPS instead of HTTP for Semantic UI React.'

Expressiveness:

Informativeness:

2: 'docs: update docs site links'

Expressiveness:

Informativeness:

**Best description number:** 

# Item 3

```
1 | diff --git a/.github/workflows/test.yml b/.github/workflows/test.yml @@
    -22,18 +22,6 @@ jobs:
 2 - name: Install Canvas and XML dependencies
   run: sudo apt-get install -y libcairo2-dev libpango1.0-dev libxml2-utils
 4 - - name: Get Yarn cache directory path
 5
    - id: yarn-cache-dir-path
 6 - run: echo "::set-output name=dir::$(yarn cache dir)"
 7
 8 - - uses: actions/cache@v1
 9 - id: yarn-cache # use this to check for `cache-hit` (`steps.yarn-
    cache.outputs.cache-hit != 'true'`)
10
    - with:
11 - path: ${{ steps.yarn-cache-dir-path.outputs.dir }}
    - key: ${{ runner.os }}-yarn-${{ hashFiles('**/yarn.lock') }}
12
13
   - restore-keys: |
14
   - ${{ runner.os }}-yarn-
15
16 - name: Setup Node ${{ matrix.node }}
17 uses: actions/setup-node@v1
18 with:
```

1: 'Remove yarn cache'

Expressiveness: Informativeness:

2: 'ci(gh-actions): update yarn cache handling in test workflow'

Expressiveness: Informativeness:

Best description number:

```
1 diff --git a/packages/chakra-ui-
    core/src/CAspectRatioBox/tests/CAspectRatioBox.test.js b/packages/chakra-ui-
    core/src/CAspectRatioBox/tests/CAspectRatioBox.test.js import {
    CAspectRatioBox, CBox } from '../..'
    -import { render } from '@/tests/test-utils'
 3
 4
   +import { render, screen } from '@/tests/test-utils'
    const renderComponent = (props) => {
 5
 6
   const inlineAttrs = (props && props.inlineAttrs) || ''
 7
    const base = {
   @@ -15,17 +14,53 @@ const renderComponent = (props) => {
8
9
   return render(base)
10
    }
11
   +/**
12 | + * Not sure if we need jest-emotion
13
14
   + * Get styles from document.styleSheets
   + * @param {String} selector
15
16 + */
17
   +function getElementStyles (selector) {
18 + selector = new RegExp(selector)
19 + let styles = []
20 + let i; let j; let sel = selector
21 + for (i = 0; i < document.styleSheets.length; ++i) {
22 | + for (j = 0; j < document.styleSheets[i].cssRules.length; ++j) {
23 + if (sel.test(document.styleSheets[i].cssRules[j].selectorText)) {
24 | + // let selectorText = document.styleSheets[i].cssRules[j].selectorText
25
   + let cssText = document.styleSheets[i].cssRules[j].style.cssText
26 + styles += cssText
27 | + }
28 + }
29 + }
30 + return styles
31 | +}
32 +
33
   it('should render correctly', () => {
    const inlineAttrs = ':ratio="1"'
34
35
    const { asFragment } = renderComponent({ inlineAttrs })
    expect(asFragment()).toMatchSnapshot()
36
37
38
    + const [, emotionClassName] =
    [...screen.getByTestId('aspectRatioBox').classList]
```

```
39 + const pseudoStyles = getElementStyles(`.${emotionClassName}:before`)
40 +
41 + expect(pseudoStyles).toContain(`
42 + padding-bottom: 100%
43 + `.trim())
44 })
45 | -it('should have correct styles', () => {
46 - const inlineAttrs = ':ratio="2"'
47 - const { getByTestId } = renderComponent({ inlineAttrs })
48 - const image = getByTestId('image')
49 - const aspectRatioBox = getByTestId('aspectRatioBox')
50 | +it('should have correct styles', async () => {
51 + const inlineAttrs = `:ratio="2"`
52 + renderComponent({ inlineAttrs })
+ const image = screen.getByTestId('image')
54 + const aspectRatioBox = screen.getByTestId('aspectRatioBox')
55
56
   + const [, emotionClassName] = [...aspectRatioBox.classList]
57 + const pseudoStyles = getElementStyles(`.${emotionClassName}:before`)
58 +
59 + expect(pseudoStyles).toContain(`
60 + padding-bottom: 50%
61 + `.trim())
62 expect(aspectRatioBox).toHaveStyle(`
63 max-width: 400px;
64 | @@ -40,7 +75,4 @@ it('should have correct styles', () => {
65 top: 0px;
66 left: 0px;
    `)
67
68
69 - // TODO: we can't test pseudo elements.. so better test styles?
70 - // aspectRatioBox padding-bottom
71 })
```

1: 'Add tests for pseudo elements'

Expressiveness:

Informativeness:

2: 'test(CAspectRatioBox): update test cases for correct styles and rendering'

Expressiveness:

Informativeness:

Best description number:

```
7 + this.focus = this.focus.bind(this);
8 + }
9 +
10 + getRef(ref) {
11 + if (this.props.innerRef) {
12 + this.props.innerRef(ref);
13 + }
14 + this.ref = ref;
15 + }
16 +
17 + focus() {
18 + if (this.ref) {
19 + this.ref.focus();
20 + }
21 + }
22 +
23 render() {
24 | let {
25 className,
```

1: 'Add ref and focus methods to Input'

Expressiveness:

Informativeness:

2: 'feat(input): add ref functionality to Input component'

Expressiveness:

Informativeness:

**Best description number:** 

```
1 | diff --git a/packages/razzle/config/babel-loader/razzle-babel-loader.js
    b/packages/razzle/config/babel-loader/razzle-babel-loader.js @@ -64,6 +64,7
    @@ module.exports = babelLoader.custom(function(babel) {
   isServer: opts.isServer,
 3
   isModern: opts.isModern,
 4 hasModern: opts.hasModern,
 5
    + supportsStaticESM: opts.supportsStaticESM,
 6
    development: opts.development,
 7
    shouldUseReactRefresh: opts.shouldUseReactRefresh,
8
9
    @@ -101,6 +102,7 @@ module.exports = babelLoader.custom(function(babel) {
10
    delete loader.distDir;
11
    delete loader.isModern;
   delete loader.hasModern;
12
    + delete loader.supportsStaticESM;
13
14
    delete loader.development;
15
    delete loader.shouldUseReactRefresh;
16 return { loader, custom };
17
    @@ -112,6 +114,7 @@ module.exports = babelLoader.custom(function(babel) {
18
   const isServer = customOptions.isServer;
19
    const isModern = customOptions.isModern;
```

1: 'refactor: remove supportsStaticESM option from babel loader config'

Expressiveness:

Informativeness:

2: 'Add supportStaticESM to diff'

Expressiveness:

Informativeness:

**Best description number:** 

```
diff --git a/src/features/tooltip/Tooltip.js
    b/src/features/tooltip/Tooltip.js @@ -14,11 +14,12 @@ class TooltipControls
    extends React.Component {
    constructor(props){
 3 super(props)
 4 | this.state = {
 5
    - title: "Title",
 6
   label:"Labels",
 7 height:"200px",
 8 width:"300px",
 9
   position: [200,200],
10
    + note: {
11 + id:'',
12 | note:{
13 | title: '',
    labels: [],
14
15
    @@ -26,21 +27,32 @@ class TooltipControls extends React.Component {
16 }
17
    }
18
    }
19 | + }
20 handleChangeTitle = (event) => {
21 | var note = {...this.state.note}
22
    - note.title = event.target.value
    + note.note.title = event.target.value
23
24 this.setState({note});
25
26 | handleChangeContent = (event) => {
27
    var note = {...this.state.note}
```

```
28 - note.content = event.target.value
29 + note.note.content = event.target.value
30 this.setState({note});
31 }
32 - saveNote = () => {
33 - console.log(this.state.note)
34 + saveNote = async () => {
35 + if(typeof (this.props.data.CRVIZ._SEARCH_KEY) !== 'undefined'){
36 + var note = {...this.state.note}
37
    + note.id = await this.props.data.CRVIZ._SEARCH_KEY
38 + this.setState({note});
39
40 + this.props.addNote(this.state.note);
41 + console.log(this.props.notes)
42 + }
43 + else{
44 + console.log('else')
45 + }
46
   }
47 componentDidUpdate(prevProps) {
48 @@ -105,10 +117,10 @@ class TooltipControls extends React.Component {
49 }
50 <div>
51 <div>
    - <b><h1><input style={inputStyle} type="text" value={this.state.note.title}</pre>
52
    onChange={this.handleChangeTitle} placeholder="Title"/></h1></b>
    + <b><h1><input style={inputStyle} type="text" value=
53
    {this.state.note.note.title} onChange={this.handleChangeTitle}
    placeholder="Title"/></h1></b>
54
    <h6>{this.state.label}</h6>
   </div>
55
56
    - <input style={inputStyle} type="text" value={this.state.note.content}</pre>
    onChange={this.handleChangeContent} placeholder="Take a note..."/>
57
    + <input style={inputStyle} type="text" value=
    {this.state.note.note.content} onChange={this.handleChangeContent}
    placeholder="Take a note..."/>
   <div >
5.8
59
    <FontAwesomeIcon style={{margin:"10px"}} icon={faTags} />
    <FontAwesomeIcon style={{color:"#47cf38", margin:"10px"}} icon={faSave}</pre>
60
    onClick={this.saveNote}/>
```

1: 'add note to tooltip'

Expressiveness:

Informativeness:

2: 'feat(tooltip): add note functionality and save feature'

Expressiveness:

Informativeness:

**Best description number:** 

```
diff --git a/docs/src/routes.js b/docs/src/routes.js @@ -4,8 +4,8 @@ import
    { BrowserRouter, Redirect, Route, Switch } from 'react-router-dom'
    import ExternalExampleLayout from './components/ExternalExampleLayout'
    import DocsLayout from './components/DocsLayout'
    import DocsRoot from './components/DocsRoot'
    -import LayoutsLayout from './components/layoutsLayout'
    -import LayoutsRoot from './components/layoutsRoot'
    +import LayoutsRoot from './components/LayoutsRoot'
    import Introduction from './views/Introduction'
import Layouts from './views/layouts'
```

1: 'docs: Fix import paths for LayoutsLayout and LayoutsRoot, Updated import paths to match correct casing for components'

Expressiveness:

Informativeness:

2: 'Fix typo in diff'

Expressiveness:

Informativeness:

**Best description number:** 

### Item 9

```
diff --git a/packages/chakra-ui-
    core/src/CFormControl/tests/CFormControl.test.js b/packages/chakra-ui-
    core/src/CFormControl/tests/CFormControl.test.js import { CFormControl,
    CInput, CFormLabel } from '../..'

import { render } from '@/tests/test-utils'

-// mocks

-jest.mock('breadstick/dist/components/Alert/styles.css', () => ({}})) // jest
    tries to import styles and fails...

- const renderComponent = (props) => {
    const inlineAttrs = (props && props.inlineAttrs) || ''
    const base = {
```

1: 'Remove jest mock'

Expressiveness:

Informativeness:

2: 'test(CFormControl): remove unnecessary mock in CFormControl test file'

Expressiveness:

Informativeness:

#### **Best description number:**

```
diff --git a/website/pages/docs/customization.md
b/website/pages/docs/customization.md @@ -12,7 +12,7 @@ module.exports = {
  options: {
  verbose: false, // set to true to get more info/error output
  debug: {}, // debug flags
  - buildType: 'iso', // or 'spa' and 'serverless'
  + buildType: 'iso', // or 'spa', 'serveronly', 'iso-serverless' and
  'serveronly-serverless'
  cssPrefix: 'static/css',
  jsPrefix: 'static/js',
  mediaPrefix: 'static/media',
```

1: 'docs: update buildType options in customization.md'

Expressiveness:

Informativeness:

2: 'docs: update buildType docs'

Expressiveness:

Informativeness:

**Best description number:** 

### Item 11

```
diff --git a/js/src/util/focustrap.js b/js/src/util/focustrap.js @@ -20,7
+20,7 @@ const DefaultType = {
}
const NAME = 'focustrap'
-const DATA_KEY = 'bs.focustrap'
+const DATA_KEY = 'coreui.focustrap'
const EVENT_KEY = `.${DATA_KEY}`
const EVENT_FOCUSIN = `focusin${EVENT_KEY}`
const EVENT_KEYDOWN_TAB = `keydown.tab${EVENT_KEY}`
```

1: 'Fix focustrap data key'

Expressiveness:

Informativeness:

2: 'fix: update DATA\_KEY to coreui.focustrap'

Expressiveness:

Informativeness:

**Best description number:** 

```
diff --git a/packages/chakra-ui-core/src/CStat/tests/CStat.test.js
    b/packages/chakra-ui-core/src/CStat/tests/CStat.test.js import { CStat,
    CStatLabel, CStatNumber, CStatHelperText, CStatArrow } from '..'
    -import { render, defaultProviders } from '@/tests/test-utils'
    -import icons from '../../lib/internal-icons.js'
   +import { render } from '@/tests/test-utils'
    const renderComponent = (props) => {
   const base = {
7
   components: { CStat, CStatLabel, CStatNumber, CStatHelperText, CStatArrow },
    - provide: () => defaultProviders({ $chakraIcons: { 'triangle-up':
   icons['triangle-up'], 'triangle-down': icons['triangle-down'] } }),
    template: `
10 <CStat>
11
    <CStatLabel>Collected Fees</CStatLabel>
```

1: 'Remove defaultProviders'

Expressiveness:

Informativeness:

2: 'test(CStat): update test setup in CStat.test.js'

Expressiveness:

Informativeness:

**Best description number:** 

```
1 diff --git a/packages/putout/ChangeLog b/packages/putout/ChangeLog
   +2022.12.02, v28.1.0
2
3 +fix:
   +- @putout/compare: __children -> __jsx_children
4
5 +
6 +feature:
7 +- package: @putout/cli-match v2.0.0
   +- @putout/cli-match: drop support of node < 16
   +- @putout/cli-match: change "match()" return signature: code -> {code,
    message}
10 | +- @putout/plugin-remove-useless-spread: add support of sparse arrays (#119)
   +- @putout/compare: __jsx_children: improve support
11
   +- @putout/compare: improve support of jsx expressions
12
13
   +- @putout/compare: improve __jsx_children support
14 +- @putout/compare: add support of JSXElement (#116)
   +- @putout/engine-parser: template: add support of jsx
15
16
   +- @putout/engine-runner: replacer: add support of jsx (#116)
   +- @putout/compare: add support of JSXText (#116)
17
18 +- @putout/operate: extract: add support of JSXText (#116)
19
   +- @putout/plugin-github: create-uses-fixer
   +- @putout/plugin-github: add set-add-and-commit (EndBug/add-and-commit#448)
20
   +- @putout/plugin-github: set-setup-node: set v3
21
22 +- @putout/plugin-nodejs: set-checkout-version: add support of
    actions/checkout v3
```

```
23 +
24 2022.10.30, v28.0.1
25 feature:
```

1: 'fix(compare): update variable name from **children to** jsx\_children'

Expressiveness:

Informativeness:

2: 'add change log for v28.1.0'

Expressiveness:

Informativeness:

**Best description number:** 

## Item 14

```
diff --git a/examples/with-typescript/src/server.tsx b/examples/with-
typescript/src/server.tsx import express from 'express';
import React from 'react';
import { renderToString } from 'react-dom/server';
-import { StaticRouter, StaticRouterContext } from 'react-router-dom';
+import { StaticRouterContext } from "react-router";
+import { StaticRouter } from 'react-router-dom';
import App from './App';
```

1: 'fix: rearrange import order in server.tsx file'

Expressiveness:

Informativeness:

2: 'Fix react-router import'

Expressiveness:

Informativeness:

Best description number:

```
1 diff --git a/examples/with-now-v2/README.md b/examples/with-now-v2/README.md
    @@ -44,6 +44,34 @@ Open the link written in the console.
2 Take a look at `now.json`. We are uploading the result of the razzle build,
    and setting up the routes for the app entry point and all static resources.
   +```json
3
4 +{
5 + "version": 2,
6 + "name": "example",
7 + "builds": [
8
   + {
9 + "src": "build/public/**",
10 + "use": "@now/static"
11
   + },
```

```
12 + {
13 + "src": "build/server.js",
14 + "use": "@now/node-server"
15 | + }
16 + ],
17 + "routes": [
18 + { "src": "/assets.json", "dest": "build/assets.json" },
19 + { "src": "/favicon.ico", "dest": "build/public/favicon.ico" },
20 + { "src": "/robots.txt", "dest": "build/public/robots.txt" },
21 + { "src": "/static/(.*)", "dest": "build/public/static/$1" },
22 + { "src": "/(.*)", "dest": "build/server.js" }
23
24 + ],
25 + "env": {
26 + "NODE_ENV": "production"
27 + }
28
   +}
   + ` ` `
29
30
31 We are also setting the `NODE_ENV` environment variable. Most likely, your
    app will use other environment variables, beware you should not commit
    secrets like api keys and others into your repository. Take a look at now's
    documentation to understand what you should do in such cases.
32 ## Documentation
```

1: 'docs(readme): update now.json configuration in README for with-now-v2 example'

Expressiveness:

Informativeness:

2: 'add code block to now.json'

Expressiveness:

Informativeness:

Best description number:

# Item 16

```
diff --git a/packages/wmr/src/build.js b/packages/wmr/src/build.js @@ -18,7
    +18,13 @@ export default async function build(options = {}) {
    options = await normalizeOptions(options, 'build');
 3 - await fs.rmdir(options.out, { recursive: true });
4 | + // Clears out the output folder without deleting it -- useful
 5
   + // when mounted with Docker and the like
   + (await fs.readdir(options.out)).forEach(async item => {
7
   + item = path.join(options.out, item);
   + if ((await fs.stat(item)).isFile()) await fs.unlink(item);
   + else await fs.rmdir(item, { recursive: true });
9
10
   + });
    const bundleOutput = await bundleProd(options);
11
```

1: 'refactor: improve output folder clearing logic in build process'

Expressiveness:

Informativeness:

2: 'fix(wmr): remove output folder when mounted with Docker'

Expressiveness:

Informativeness:

**Best description number:** 

### Item 17

```
diff --git a/lib/monitor/run.js b/lib/monitor/run.js @@ -195,7 +195,7 @@
function run(options) {
  if (signal === config.signal || code === 0) {
    // this was a clean exit, so emit exit, rather than crash
    debug('bus.emit(exit) via ' + config.signal);
    - bus.emit('exit');
    + bus.emit('exit', signal);
    // exit the monitor, but do it gracefully
    if (signal === config.signal) {
```

1: 'fix(monitor): emit signal on exit'

Expressiveness:

Informativeness:

2: 'refactor(monitor): Update exit event emission in run function'

Expressiveness:

Informativeness:

Best description number:

```
diff --git a/package.json b/package.json "scripts": {
    "install": "lerna bootstrap --hoist",
 3 "clean:lerna": "lerna clean",
 4 - "clean:dist": "sh scripts/clean-all",
 5 - "build": "sh scripts/build-all",
 6 + "clean:dist": "bash scripts/clean-all",
7
    + "build": "bash scripts/build-all",
    "build:examples": "cd packages/examples && npm run build",
9
    "examples": "cd packages/examples && npm run serve",
10 - "build:test": "sh scripts/build-test",
11 - "build:coverage": "COVERAGE=1 sh scripts/build-test",
    - "test:unit": "sh scripts/run-test",
12
   + "build:test": "bash scripts/build-test",
13
14 + "build:coverage": "COVERAGE=1 bash scripts/build-test",
    + "test:unit": "bash scripts/run-test",
15
16
    "test:image": "cd packages/examples && npm test",
    - "test:coverage": "COVERAGE=1 sh scripts/run-test",
17
18
   + "test:coverage": "COVERAGE=1 bash scripts/run-test",
```

```
"coverage:report": "http-server build/coverage/html -p ${PORT-3000}",
"build:docs": "sphinx-build -a -b html docs/ build/docs/",
- "lint": "sh scripts/run-lint",
+ "lint": "bash scripts/run-lint",
"lint:pycandela": "flake8 --config python/pycandela/flake8.cfg
python/pycandela",
"docs": "http-server build/docs -p ${PORT-3000}",
"commit": "git-cz",
```

1: 'chore: update build and test scripts to use bash instead of sh'

Expressiveness:

Informativeness:

2: 'chore: use bash instead of sh'

Expressiveness:

Informativeness:

Best description number:

## Item 19

```
diff --git a/circle.yml b/circle.yml @@ -16,10 +16,8 @@ dependencies:
compile:
override:
    - # Build Candela and "install" it as a node module.
    + # Build Candela.
    - npm run build
    - rm -rf node_modules/candela
    - npm install
    # Build the examples.
    - npm run build:examples
```

1: 'chore(circle): updating build process in circle.yml'

Expressiveness:

Informativeness:

2: 'Remove unnecessary node\_modules/candela'

Expressiveness:

Informativeness:

**Best description number:** 

```
diff --git a/website/pages/deployment-options/azure.md
b/website/pages/deployment-options/azure.md @@ -98,23 +98,41 @@ Deploy the
Razzle project to Azure
webappname=myRazzle$RANDOM
# Create a resource group.
-az group create --location westeurope --name myResourceGroup
```

```
5 | +az group create \
 6 + --location westeurope \
7
   + --name myResourceGroup
8 # Create an App Service plan in `FREE` tier.
   -az appservice plan create --name myAppServicePlan --resource-group
    myResourceGroup --sku FREE --is-linux
10
   +az appservice plan create --name myAppServicePlan \
   + --resource-group myResourceGroup \
11
    + --sku FREE \
12
   + --is-linux
13
14
    # Create a web app.
    -az webapp create --name $webappname --resource-group myResourceGroup --plan
15
    myAppServicePlan --runtime "node|12-lts"
16
   +az webapp create \
17 | + --name \ webappname \
18 + --resource-group myResourceGroup \
19
   + --plan myAppServicePlan \
20 + --runtime "node|12-lts"
    # Enable building with zip deploy
21
22
   -az webapp config appsettings set --name $webappname --resource-group
    myResourceGroup --settings SCM_DO_BUILD_DURING_DEPLOYMENT=true
23
24
    -# Get FTP publishing profile and query for publish URL and credentials
   -creds=($(az webapp deployment list-publishing-profiles --name $webappname -
25
    -resource-group myResourceGroup \
26
   ---query "[?contains(publishMethod, 'ZipDeploy')].
    [publishUrl,userName,userPWD]" --output tsv))
27
   +az webapp config appsettings set \
   + --name $webappname \
28
29
   + --resource-group myResourceGroup \
   + --settings SCM_DO_BUILD_DURING_DEPLOYMENT=true
30
31
32
   +# Get ZipDeploy publishing profile and query for publish URL and
    credentials
33
   +creds=($(az webapp deployment list-publishing-profiles \
34 | + --name $webappname \
    + --resource-group myResourceGroup \
35
36 + --query "[?contains(publishMethod, 'ZipDeploy')].
    [publishUrl,userName,userPWD]" \
37
    + --output tsv))
    # Use cURL to perform http zip upload. You can use any http tool to do this
38
    instead.
   -curl -X POST -u ${creds[1]}:${creds[2]} --data-binary @"site.zip"
39
    https://${creds[0]}/api/zipdeploy
40
   +curl -X POST \
41
    + -u ${creds[1]}:${creds[2]} \
    + --data-binary @"site.zip" \
42
43 + https://${creds[0]}/api/zipdeploy
   # Copy the result of the following command into a browser to see the static
    HTML site.
   echo https://$webappname.azurewebsites.net
```

1: 'website(deployment-options): improve readability and formatting of Azure deployment commands'

Expressiveness:

Informativeness:

2: 'Fixing formatting issues in Azure deployment options'

Expressiveness:

Informativeness:

Best description number:

### Item 21

```
diff --git a/app/mixins/parent-name.js b/app/mixins/parent-name.js @@ -9,6
    +9,6 @@ export default Mixin.create({
    parentName: computed('routeName', function() {
      const routeName = this.get('routeName');
      const routes = routeName.split('.');
      - return routes.slice(0, 2).join('.');
      + return routes.slice(0, 3).join('.');
    })
});
```

1: 'Fix route name length'

Expressiveness:

Informativeness:

2: 'refactor(mixins): update parentName logic to include one more level in route hierarchy'

Expressiveness:

Informativeness:

Best description number:

```
1 | diff --git a/packages/chakra-ui-
    core/src/CCircularProgress/tests/__snapshots__/CCircularProgress.test.js.sna
    p b/packages/chakra-ui-
    core/src/CCircularProgress/tests/__snapshots__/CCircularProgress.test.js.sna
    p @@ -6,7 +6,7 @@ exports[`should render correctly 1`] = `
   aria-valuemax="100"
3 aria-valuemin="0"
4 aria-valuenow="40"
   - class="css-xqz7ss"
6 + class="css-12d21aj"
7
   data-chakra-component="CBox"
8
   data-testid="CircularProgress"
   role="progressbar"
9
10
   @@ -27,7 +27,7 @@ exports[`should render correctly 1`] = `
11 stroke-width="11.11111111111111"
12
   />
   <circle
13
14
   - class="css-1h10kks"
```

```
15 + class="css-19r75gt"

16 cx="111.11111111111"

17 cy="111.11111111111"

18 data-chakra-component="CBox"
```

1: 'Update CBox styles'

Expressiveness:

Informativeness:

2: 'fix: update class names in CCircularProgress test snapshots'

Expressiveness:

Informativeness:

**Best description number:** 

### Item 23

```
diff --git a/packages/razzle-dev-utils/makeLoaderFinder.js
    b/packages/razzle-dev-utils/makeLoaderFinder.js @@ -6,7 +6,7 @@ const
    makeLoaderFinder = loaderName => rule => {
 2 // Checks if there's a loader string in rule.loader matching loaderRegex.
 3 const inLoaderString =
    - typeof rule.loader === 'string' && rule.loader.match(loaderRegex);
 5 + typeof rule.loader === 'string' && (rule.loader.match(loaderRegex) ||
    rule.loader === loaderName);
 6 // Checks if there is an object inside rule.use with loader matching
    loaderRegex, OR
    // Checks another condition, if rule is not an object, but pure string (ex:
    "style-loader", etc)
8 @@ -15,8 +15,8 @@ const makeLoaderFinder = loaderName => rule => {
9 rule.use.find(
10 loader =>
11 (typeof loader.loader === 'string' &&
    - loader.loader.match(loaderRegex)) ||
12
13
   - (typeof loader === 'string' && loader.match(loaderRegex))
14
    + (loader.loader.match(loaderRegex)) || rule.loader === loaderName) ||
   + (typeof loader === 'string' && (loader.match(loaderRegex) || loader ===
15
    loaderName))
16
    );
17
    return inUseArray || inLoaderString;
```

1: 'Fix loader name matching'

Expressiveness:

Informativeness:

2: 'refactor: improve loader finder logic'

Expressiveness:

Informativeness:

#### **Best description number:**

### Item 24

```
1 | diff --git a/src/system/interpreter.js b/src/system/interpreter.js @@ -103,8
    +103,8 @@ BiwaScheme.Interpreter = BiwaScheme.Class.create({
 2
   // m: number of items to shift
    // s: stack pointer (= index of stack top + 1)
   shift_args: function(n, m, s){
4
   - for(var i = n-1; i >= -1; i--){
   - this.index_set(s, i+m+1, this.index(s, i+1));
 7
    + for(var i = n; i >= 0; i--){
8
    + this.index_set(s, i+m+1, this.index(s, i));
9
10 \mid \text{return s-m-1};
11
12
    @@ -115,7 +115,7 @@ BiwaScheme.Interpreter = BiwaScheme.Class.create({
    // private
13
   index_set: function(s, i, v){
14
15
    - this.stack[s-i-2] = v;
16
   + this.stack[(s-1)-i] = v;
17
   },
   // private
18
19
   @@ -211,7 +211,7 @@ BiwaScheme.Interpreter = BiwaScheme.Class.create({
20 break;
21 case "box":
22
   var n=x[1], x=x[2];
    - this.index_set(s, n, [this.index(s, n+1)]); //boxing
23
   + this.index_set(s, n+1, [this.index(s, n+1)]); //boxing
24
25 break;
   case "test":
26
   var thenc=x[1], elsec=x[2];
27
   @@ -305,14 +305,14 @@ BiwaScheme.Interpreter = BiwaScheme.Class.create({
28
29
   // In such case this VM prepares an empty list as the rest argument.
30
    // -----
31
    // => We extend the stack to put the empty list.
   - for(var i = -1; i < n_args; i++){
32
   - this.index_set(s, i-1, this.index(s, i+1));
33
34
   + for(var i = 0; i < n_args+1; i++){
35
   + this.index_set(s, i-1, this.index(s, i));
36 }
37 S++;
    // => Update the number of arguments
38
39
    - this.index_set(s, -1, this.index(s, 0) + 1);
40 | + this.index_set(s, 0, this.index(s, 0) + 1);
41 }
   - this.index_set(s, dotpos, ls);
42
43 + this.index_set(s, dotpos+1, ls);
44 | }
45 | else {
   // the dot is not found
```

1: 'fix index\_set'

Expressiveness:

Informativeness:

2: 'refactor: fix index\_set function in interpreter'

Expressiveness:

Informativeness:

#### Best description number:

## Item 25

```
diff --git a/.circleci/config.yml b/.circleci/config.yml @@ -166,6 +166,7 @@
    jobs:
 2
   fi
 3 else
   echo 'export DOCKER_IMAGE_TAGS=($CIRCLE_TAG latest)' >> $BASH_ENV
 5 + echo 'export DOCKER_BUILD_DEPRECATED="true"' >> $BASH_ENV
6
   fi
7 - run:
8 name: Download and import signing key
9
   @@ -205,7 +206,9 @@ jobs:
10 for tag in "${DOCKER_IMAGE_TAGS[@]}"; do
11 | docker tag offen/offen:local offen/offen:$tag
12 + if [ ! -z "$DOCKER_BUILD_DEPRECATED" ]; then
   docker tag offen/offen:root offen/offen:$tag-root
13
14 | + fi
15
   done
16 - run:
17 name: Push offen/offen to Docker Hub
18 | @@ -213,7 +216,9 @@ jobs:
19 echo "$DOCKER_ACCESSTOKEN" | docker login --username $DOCKER_LOGIN --
    password-stdin
20 for tag in "${DOCKER_IMAGE_TAGS[@]}"; do
21 docker push offen/offen:$tag
22 + if [ ! -z "$DOCKER_BUILD_DEPRECATED" ]; then
23 | docker push offen/offen:$tag-root
24 + fi
25
    done
26 - store_artifacts:
27 path: /tmp/artifacts
```

1: 'chore: add deprecated flag for docker build process'

Expressiveness:

Informativeness:

2: 'Add DOCKER\_BUILD\_DEPRECATED env var'

Expressiveness:

Informativeness:

#### **Best description number:**

```
diff --git a/docs/app/Components/ComponentDoc/ComponentExample.js
  b/docs/app/Components/ComponentDoc/ComponentExample.js @@ -138,7 +138,7 @@
  class ComponentExample extends Component {
  resetJSX = () => {
3
  const { sourceCode } = this.state
4
  const original = this.getOriginalSourceCode()
  - if (sourceCode !== original && confirm('Loose your changes?')) { // eslint-
  disable-line no-alert
  + if (sourceCode !== original && confirm('Lose your changes?')) { // eslint-
  disable-line no-alert
  this.setState({ sourceCode: original })
  this.renderSourceCode()
8
9
  }
```

1: 'Fix eslint error in resetJSX'

Expressiveness:

Informativeness:

2: 'style(docs): corrected spelling mistake in confirmation message'

Expressiveness:

Informativeness:

**Best description number:** 

### Item 27

```
diff --git a/docs/lib/Components/ModalsPage.js
b/docs/lib/Components/ModalsPage.js @@ -104,7 +104,9 @@ const ModalsPage =
   () => {
   modalTransition: PropTypes.shape(Fade.propTypes),
   innerRef: PropTypes.object,
   // if modal should be destructed/removed from DOM after closing
   - unmountOnClose: PropTypes.bool // defaults to true
   + unmountOnClose: PropTypes.bool, // defaults to true
   + // if the element which triggered the modal to open should focused after the modal closes (see example somewhere below)
   + returnFocusAfterClose: PropTypes.bool // defaults to true
   }`}

// PrismCode>
// PrismCode>
// pre>
```

1: 'Add returnFocusAfterClose prop to ModalsPage'

Expressiveness:

Informativeness:

2: 'docs(ModalsPage): Added returnFocusAfterClose prop'

Expressiveness:

Informativeness:

#### Best description number:

### Item 28

```
diff --git a/components/SimilarityGraph/index.js
b/components/SimilarityGraph/index.js @@ -109,7 +109,7 @@ export default
class SimilarityGraph extends VisComponent {
    .attr('x1', d => d.source.x)
    .attr('y1', d => d.source.y)
    .attr('x2', d => d.target.x)
    - .attr('y2', d => d.target.y)
    + .attr('y2', d => d.target.y);
});
this.cola.avoidOverlaps(true)
```

1: 'fix(SimilarityGraph): add missing semicolon to y2 attribute definition'

Expressiveness:

Informativeness:

2: 'fix: add missing semicolon'

Expressiveness:

Informativeness:

Best description number:

## Item 29

```
diff --git a/packages/menu/Menu.vue b/packages/menu/Menu.vue @@ -4,7 +4,6 @@
import { addClass, removeClass, hasClass } from 'element-ui/src/utils/dom';
import { computed, getCurrentInstance, onMounted, provide, ref, toRefs,
watch, h, Transition } from 'vue';
import {useEmitter} from 'element-ui/src/use/emitter';
import {useItems} from "./src/menu-use";
-import { Submenu } from '../../types';
export default {
name: 'ElMenu',
componentName: 'ElMenu',
```

1: 'fix: remove unused import'

Expressiveness:

Informativeness:

2: 'refactor: Remove unnecessary import in Menu.vue'

Expressiveness:

Informativeness:

**Best description number:** 

```
diff --git a/src/jscad/includeJscadSync.js b/src/jscad/includeJscadSync.js @@
    -25,8 +25,6 @@ export default function includeJscadSync (relpath, fn, memFs)
    {
    xhr.open('GET', url, false)
    xhr.onload = function () {
    var src = this.responseText
    - //console.log('src',src)
    - //eval(src) // UGH ???
    resolve(src)
    }
    xhr.onerror = (err) => reject(err)
```

1: 'refactor: remove unnecessary console.log and eval statements in includeJscadSync function'

Expressiveness:

Informativeness:

2: 'remove commented code and remove unused code'

Expressiveness:

Informativeness:

**Best description number:** 

### Item 31

```
diff --git a/lib/config/load.js b/lib/config/load.js @@ -69,6 +69,9 @@
function load(settings, options, config, callback) {
  if (!options.script && !options.exec) {
   var found = findAppScript();
   if (found) {
        + if (!options.args) {
            + options.args = [];
            + }
        // if the script is found as a result of not being on the command
            // line, then we move any of the pre double-dash args in execArgs
            const n = options.scriptPosition || options.args.length;
```

1: 'fix(config): add default value for options.args in load function'

Expressiveness:

Informativeness:

2: 'fix: add default args to options if not set'

Expressiveness:

Informativeness:

**Best description number:** 

```
diff --git a/lib/monitor/run.js b/lib/monitor/run.js @@ -133,6 +133,12 @@
    function run(options) {
    bus.stdout = child.stdout;
 2
 3 bus.stderr = child.stderr;
 4 }
 5
 6 + if (shouldFork) {
    + child.on('message', function (message, sendHandle) {
8 + bus.emit('message', message, sendHandle);
9
   + });
10 + }
11
    }
12 | bus.emit('start');
```

1: 'feat: add message event listener for child process communication'

Expressiveness:

Informativeness:

2: 'Emit message event when forking'

Expressiveness:

Informativeness:

**Best description number:** 

```
diff --git a/src/features/visualization/Visualization.module.css
    b/src/features/visualization/Visualization.module.css -webkit-animation-
    name: delta;
   -webkit-animation-duration: 2s;
 3 -webkit-animation-iteration-count: infinite;
    - animation: delta 5s infinite;
 5 + animation: delta 2s infinite;
 6 }
7 @keyframes delta {
8 - 0% {
9 + 50% {
    -webkit-clip-path: polygon(50% 0%, 0% 100%, 100% 100%);
10
11 | clip-path: polygon(50% 0%, 0% 100%, 100% 100%);
12
   },
13 - 100% {
14
   + 0%, 100% {
15 | }
16 }
   -webkit-animation-name: plus;
17
    -webkit-animation-duration: 2s;
18
19 -webkit-animation-iteration-count: infinite;
    - animation: plus 5s infinite;
20
21 + animation: plus 2s infinite;
22
    }
23 @keyframes plus {
    - 0% {
```

```
25 + 50% {
   -webkit-clip-path: polygon(0% 33%, 33% 33%, 33% 0%, 66% 0%, 66% 33%, 100%
    33%, 100% 66%, 66% 66%, 66% 100%, 33% 100%, 33% 66%, 0% 66%, 0% 33%);
    clip-path: polygon(0% 33%, 33% 33%, 33% 0%, 66% 0%, 66% 33%, 100% 33%, 100%
27
    66%, 66% 66%, 66% 100%, 33% 100%, 33% 66%, 0% 66%, 0% 33%);
28
    },
   - 100% {
29
30 + 0%, 100% {
31 }
32
33 -webkit-animation-name: minus;
34 -webkit-animation-duration: 2s;
    -webkit-animation-iteration-count: infinite;
35
36
    - animation: minus 5s infinite;
    + animation: minus 2s infinite;
37
38 }
39 @keyframes minus {
40 - 0% {
41
   + 50% {
    -webkit-clip-path: polygon(0% 33%, 100% 33%, 100% 66%, 0% 66%);
42
    clip-path: polygon(0% 33%, 100% 33%, 100% 66%, 0% 66%);
43
44
    },
45
   - 100% {
46 + 0%, 100% {
47 }
48
   }
```

1: 'chore(visualization): Improved animation duration for delta, plus, and minus animations'

Expressiveness:

Informativeness:

2: 'Update visualization diff'

Expressiveness:

Informativeness:

Best description number:

```
1 | diff --git a/bin/postinstall.js b/bin/postinstall.js @@ -5,6 +5,8 @@
    function main() {
 2
    return;
 3
    }
    + const message = '\u001b[32mLove nodemon? You can now support the project
    via the open collective:\u001b[22m\u001b[39m\n >
    \u001b[96m\u001b[1mhttps://opencollective.com/nodemon/donate\u001b[0m\n';
 5
    +
 6
   try {
 7
    const Configstore = require('configstore');
    const pkg = require(__dirname + '/../package.json');
8
9
    @@ -18,11 +20,11 @@ function main() {
10
   const last = conf.get('lastCheck');
    if (!last || now - week > last) {
11
```

1: 'fix: donate message'

Expressiveness:

Informativeness:

2: 'chore: update support message in postinstall script'

Expressiveness:

Informativeness:

**Best description number:** 

### Item 35

```
1 | diff --git a/src/PopperContent.js b/src/PopperContent.js @@ -151,8 +151,8 @@
    class PopperContent extends React.Component {
2 modifiers={extendedModifiers}
3 placement={placement}
4
   - {({ ref, style, placement, arrowProps }) => (
5
6 - <div ref={ref} style={style} className={popperClassName} x-placement=
    {placement}>
7
   + {({ ref, style, placement, outOfBoundaries, arrowProps }) => (
   + <div ref={ref} style={style} className={popperClassName} x-placement=
    {placement} x-out-of-boundaries={outOfBoundaries ? 'true' : undefined}>
9
    {children}
   {!hideArrow && <span ref={arrowProps.ref} className={arrowClassName} style=
10
    {arrowProps.style} />}
11 </div>
```

1: 'Add outOfBoundaries prop to PopperContent'

Expressiveness:

Informativeness:

2: 'refactor: Update PopperContent component to include outOfBoundaries prop in div attributes'

Expressiveness:

Informativeness:

#### **Best description number:**

### Item 36

```
diff --git a/examples/demo/public/index.tsx b/examples/demo/public/index.tsx
    @@ -7,10 +7,12 @@ import Header from './header.tsx';
    const sleep = t => new Promise(r => setTimeout(r, t));
    +const IS_CLIENT = typeof window !== 'undefined';
 4
   const About = lazy(() => import('./pages/about/index.js'));
   -const LazyAndLate = lazy(async () => (await sleep(1500),
    import('./pages/about/index.js')));
    +const LazyAndLate = lazy(async () => (IS_CLIENT && (await sleep(1500)),
    import('./pages/about/index.js')));
    const CompatPage = lazy(() => import('./pages/compat.js'));
    -const ClassFields = lazy(async () => (await sleep(1500),
    import('./pages/class-fields.js')));
10
    +const ClassFields = lazy(async () => (IS_CLIENT && (await sleep(1500)),
    import('./pages/class-fields.js')));
    const Files = lazy(() => import('./pages/files/index.js'));
11
12
    const Environment = lazy(async () => (await
    import('./pages/environment/index.js')).Environment);
   const JSONView = lazy(async () => (await
    import('./pages/json.js')).JSONView);
```

1: 'fix: only sleep when client'

Expressiveness:

Informativeness:

2: 'refactor: optimize lazy loading logic with client-side check'

Expressiveness:

Informativeness:

**Best description number:** 

```
diff --git a/package.json b/package.json "build:docs-toc": "doctoc
    ./.github/CONTRIBUTING.md --github --maxlevel 4",
    "build:docs-cname": "echo react.semantic-ui.com > docs/build/CNAME",
    "build:changelog": "github_changelog_generator --no-issues --no-unreleased -
    -release-branch master --since-tag $(git describe --abbrev=0 --tags $(git
    rev-parse HEAD~400))",
   + "deploy:changelog": "git add CHANGELOG.md && git commit -m
    'docs(changelog): update changelog [ci skip]' && git push",
    "predeploy:docs": "cross-env NODE_ENV=production yarn build:docs && yarn
    build:docs-cname",
    "deploy:docs": "gh-pages -d docs/build -m 'deploy docs [ci skip]'",
    + "postdeploy:docs": "yarn build:changelog && yarn deploy:changelog",
7
    "lint": "cross-env NODE_ENV=production eslint .",
   "lint:fix": "yarn lint --fix",
   "prettier": "prettier --list-different \"**/*.{js,jsx,ts,tsx}\"",
10
```

1: 'feat(deploy): add automated changelog deployment process'

Expressiveness:

Informativeness:

2: 'docs(changelog): update changelog after docs build'

Expressiveness:

Informativeness:

#### **Best description number:**

### Item 38

```
1 diff --git a/package.json b/package.json {
 "name": "@nuxtjs/firebase",
 3 - "version": "5.0.7",
4 + "version": "5.1.0",
    "description": "Intergrate Firebase into your Nuxt project.",
   "keywords": [
7 "firebase",
8 "cz-conventional-changelog": "latest",
9 "eslint": "latest",
10 "firebase": "^7.14.2",
11 - "husky": "latest",
12 + "husky": "^4.2.5",
13
   "jest": "^25.5.3",
14 "standard-version": "latest",
15 "vuepress": "^1.4.1",
```

1: 'chore(release): 5.1.0'

Expressiveness:

Informativeness:

2: 'chore(deps): update husky version to ^4.2.5'

Expressiveness:

Informativeness:

#### **Best description number:**

```
diff --git a/test/specs/modules/Checkbox/Checkbox-test.js
b/test/specs/modules/Checkbox/Checkbox-test.js @@ -53,7 +53,7 @@
describe('Checkbox', () => {
})
describe('aria', () => {
- ['aria-label', 'role'].forEach((propName) => {
+ ;['aria-label', 'role'].forEach((propName) => {
it(`passes "${propName}" to the <input>`, () => {
shallow(<Checkbox {...{ [propName]: 'foo' }} />)
.find('input')
```

```
9 @@ -377,36 +377,30 @@ describe('Checkbox', () => {
10 description: 'click on label: fires on mouse click',
11 events: {
12
    label: ['mouseup', 'click'],
13 - input: ['click'],
14
    },
15 },
16 {
    description: 'click on input: fires on mouse click',
17
    events: {
18
19 - label: ['mouseup', 'click'],
20 input: ['click'],
21 | },
22 },
23 {
24 description: 'key on input: fires on space key',
25 events: {
26
    - label: ['mouseup', 'click'],
    input: ['click'],
27
28 },
29
    },
30 -
 31
 description: 'click on label with "id": fires on mouse click',
 33 events: {
34
    label: ['mouseup', 'click'],
 35 - input: ['click'],
 36 },
37
    id: 'foo',
38 },
 39
    {
40 description: 'click on input with "id": fires on mouse click',
41 events: {
    - label: ['mouseup', 'click'],
42
43
    input: ['click'],
44 },
    id: 'foo',
45
46 @@ -435,8 +429,10 @@ describe('Checkbox', () => {
47
    { attachTo },
48 )
    - _.forEach(events, (event, target) => {
49
50 - domEvent.fire(`[data-id=${dataId}] ${target}`, event)
    + _.forEach(events, (targetEvents, target) => {
51
52
    + _.forEach(targetEvents, (targetEvent) => {
 53
    + domEvent.fire(`[data-id=${dataId}] ${target}`, targetEvent)
 54 + })
55
    })
 onClick.should.have.been.calledOnce()
 57
    @@ -449,10 +445,10 @@ describe('Checkbox', () => {
 58 })
59
    describe('Controlled component', () => {
60 - const getControlledCheckbox = isOnClick =>
61 + const getControlledCheckbox = (isOnClick) =>
    class ControlledCheckbox extends React.Component {
62
    state = { checked: false }
63
```

```
64 - toggle = () => this.setState(prevState => ({ checked: !prevState.checked
    }))
65 + toggle = () => this.setState((prevState) => ({ checked: !prevState.checked
    }))
66 render() {
67 const handler = isOnClick ? { onClick: this.toggle } : { onChange:
    this.toggle }
```

1: 'test(core-checkbox): refactor event handling logic in Checkbox-test.js'

Expressiveness:

Informativeness:

2: 'Fix checkbox tests'

Expressiveness:

Informativeness:

**Best description number:** 

### Item 40

```
diff --git a/README.md b/README.md @@ -123,7 +123,7 @@ export default async
function (config) {
}
if (config.mode === 'serve') {
- options.middleware.push(
+ config.middleware.push(
// add any Polka middleware:
function myPolkaMiddleware(req, res, next) {
res.setHeader('x-Foo', 'bar');
```

1: 'docs(README): update comment for middleware usage'

Expressiveness:

Informativeness:

2: 'docs: fix typo in config.middleware.push'

Expressiveness:

Informativeness:

**Best description number:** 

```
diff --git
   a/docs/src/examples/modules/Search/Types/SearchExampleStandardCustom.js
   b/docs/src/examples/modules/Search/Types/SearchExampleStandardCustom.js -
   import PropTypes from 'prop-types'
import _ from 'lodash'
import faker from 'faker'
-import React, { Component } from 'react'
+import React from 'react'
```

```
6 import { Search, Grid, Header, Segment, Label } from 'semantic-ui-react'
   const source = _.times(5, () => ({
   @@ -11,58 +10,80 @@ const source = _.times(5, () => ({
8
   price: faker.finance.amount(0, 100, 2, '$'),
10 }))
   -const resultRenderer = ({ title }) => <Label content={title} />
11
12
13
   -resultRenderer.propTypes = {
   - title: PropTypes.string,
14
15 - description: PropTypes.string,
16 | +const initialState = {
17 + loading: false,
18 + results: [],
19 + value: '',
20 }
21 -const initialState = { isLoading: false, results: [], value: '' }
22 | +function exampleReducer(state, action) {
23 + switch (action.type) {
24 + case 'CLEAN_QUERY':
25 + return initialState
26 + case 'START_SEARCH':
27 | + return { ...state, loading: true, value: action.query }
28 + case 'FINISH_SEARCH':
29 + return { ...state, loading: false, results: action.results }
30 + case 'UPDATE_SELECTION':
31 + return { ...state, value: action.selection }
   -export default class SearchExampleStandard extends Component {
32
33 - state = initialState
   + default:
34
35 + throw new Error()
   + }
36
37 +}
   - handleResultSelect = (e, { result }) => this.setState({ value:
38
   result.title })
   +const resultRenderer = ({ title }) => <Label content={title} />
39
40 +
   +function SearchExampleStandardCustom() {
41
42 | + const [state, dispatch] = React.useReducer(exampleReducer, initialState)
   + const { loading, results, value } = state
43
   - handleSearchChange = (e, { value }) => {
44
   - this.setState({ isLoading: true, value })
45
46 + const timeoutRef = React.useRef()
   + const handleSearchChange = React.useCallback((e, data) => {
47
   + clearTimeout(timeoutRef.current)
48
49
   + dispatch({ type: 'START_SEARCH', query: data.value })
50 - setTimeout(() => {
   - if (this.state.value.length < 1) return this.setState(initialState)</pre>
51
52 + timeoutRef.current = setTimeout(() => {
53
   + if (data.value.length === 0) {
54 + dispatch({ type: 'CLEAN_QUERY' })
55
   + return
56 + }
    - const re = new RegExp(_.escapeRegExp(this.state.value), 'i')
57
   + const re = new RegExp(_.escapeRegExp(data.value), 'i')
58
   const isMatch = (result) => re.test(result.title)
59
```

```
60 - this.setState({
 61 - isLoading: false,
 62 + dispatch({
 63 + type: 'FINISH_SEARCH',
 64 results: _.filter(source, isMatch),
 65 })
 66 }, 300)
 67 + }, [])
 68 + React.useEffect(() => {
 69 + return () => {
 70 + clearTimeout(timeoutRef.current)
71 }
 72
 73 - render() {
    - const { isLoading, value, results } = this.state
 75 + }, [])
 76 return (
 77 <Grid>
 78 | <Grid.Column width={6}>
 79 <Search
 80 - loading={isLoading}
 81 - onResultSelect={this.handleResultSelect}
 82 - onSearchChange={_.debounce(this.handleSearchChange, 500, {
 83 - leading: true,
 84 - })}
 85 + loading={loading}
 86 + onResultSelect={(e, data) =>
 87 + dispatch({ type: 'UPDATE_SELECTION', selection: data.result.title })
 88 + }
 89 + onSearchChange={handleSearchChange}
 90 + resultRenderer={resultRenderer}
 91 results={results}
 92 value={value}
   - resultRenderer={resultRenderer}
 93
 94
    />
 95 </Grid.Column>
 96 +
 97 <Grid.Column width={10}>
98 <Segment>
99 <Header>State</Header>
100 | 
101 - {JSON.stringify(this.state, null, 2)}
102 + {JSON.stringify({ loading, results, value }, null, 2)}
103 
104
    <Header>Options/Header>
105 | 
    @@ -73,4 +94,5 @@ export default class SearchExampleStandard extends
106
    Component {
107
    </Grid>
108 )
109 }
110 -}
111
112 +export default SearchExampleStandardCustom
```

1: 'refactor(search): optimize search functionality and state management'

Expressiveness:

Informativeness:

2: 'docs(Search): update custom example'

Expressiveness:

Informativeness:

**Best description number:** 

### Item 42

```
diff --git a/src/connection.js b/src/connection.js import d from 'debug';
timport values from 'lodash/values';
import webSocketPlus, {
OPEN,
DISCONNECT,
@@ -59,7 +60,7 @@ export default class Connection extends WebSocketPlus {
if (waitingForRespond) {
if (isIdempotentCommand(command)) {
buffer = command.toArrayBuffer();
- const duplicatedCommand = Object.values(this._commands).find(
11 + const duplicatedCommand = values(this._commands).find(
({ buffer: targetBuffer, command: targetCommand }) =>
targetCommand.cmd === command.cmd &&
targetCommand.op === command.op &&
```

1: 'fix: use lodash values instead of Object.values'

Expressiveness:

Informativeness:

2: 'fix: replace Object.values with lodash values in Connection class'

Expressiveness:

Informativeness:

**Best description number:** 

```
10  + } catch (e) {}
11  +
12  + return rule;
13  + }
14  +
15  + return false;
16  }).filter(Boolean).join(' '));
17  utils.log.detail('watching extensions: ' + (config.options.execOptions.ext || '(all)'));
```

1: 'fix: watch dir(s)'

Expressiveness:

Informativeness:

2: 'feat: Update log message to include watching directories in nodemon settings'

Expressiveness:

Informativeness:

**Best description number:** 

## Item 44

```
diff --git a/src/common/api/LocalStorageCookiesSvc/index.js
b/src/common/api/LocalStorageCookiesSvc/index.js // @flow
import * as store from 'store2'
import Cookies from 'js-cookie'
+import decodeJwT from 'jwt-decode'
export const JWT_TOKEN = 'JWT_TOKEN'
@@ -18,4 +19,9 @@ export function setLocalToken (token: string) {
Cookies.set(JWT_TOKEN, token, {expires: 365})
}
+export function getInfoFromJwT () {
const token = getLocalToken()
return decodeJwT(token)
}
+}

+
export const isLoggedIn = () => !!getLocalToken()
```

1: 'Add getInfoFromJWT'

Expressiveness:

Informativeness:

2: 'feat: add getInfoFromJWT function to retrieve information from JWT token'

Expressiveness:

Informativeness:

**Best description number:** 

```
diff --git
   a/docs/src/examples/collections/Menu/Content/MenuExampleHeaderVertical.js
   b/docs/src/examples/collections/Menu/Content/MenuExampleHeaderVertical.js @@
   -3,7 +3,7 @@ import { Menu } from 'semantic-ui-react'
export default class MenuExampleHeaderVertical extends Component {
   state = {}
   - handleItemClick = (name) => this.setState({ activeItem: name })
   + handleItemClick = (e, { name }) => this.setState({ activeItem: name });
   render() {
   const { activeItem } = this.state
```

1: 'docs(menu): update handleltemClick function in MenuExampleHeaderVertical'

Expressiveness:

Informativeness:

2: 'fix(docs): fix menu example'

Expressiveness:

Informativeness:

**Best description number:** 

### Item 46

```
1 | diff --git a/docs/content/en/service-options/auth.md
    b/docs/content/en/service-options/auth.md @@ -118,6 +118,14 @@ The injected
    user can be used by context aware life cycle hooks on the server si
2 A tutorial on how to set this up can be found [here](/tutorials/ssr).
   +<alert type="info">
4
   +<b>Please Note:</b>
   +This <u>does not authenticate the Firebase instance on the server</u>.
    While you will be able to know if a user is logged in or not and have access
    to its simplified properties, you <u>won't be able to do authenticated
    calls</u> on server-side.<br>
   +This means that all calls on server-side (e.g. fetching data via
    Firestore in fetch-hooks), which are protected by security rules, will still
    fail with <i>insufficient privileges.</i>
   +<br>
7
   +Reason for this is that the Firebase JS SDK is a client-side library
    that is not built for authenticating multiple users. See the <nuxt-link
    to="/service-options/auth#serverlogin">serverLogin</nuxt-link> option for an
    <br/><b>experimental</b> approach to solve this issue.
   +</alert>
10 +
   ### ignorePaths
11
   The service worker session automatically ignores external resources, static
    files and HMR calls.
```

1: 'docs: Add note about Firebase authentication limitations on the server side'

Expressiveness:

Informativeness:

2: 'Add note about server-side authentication'

Expressiveness:

Informativeness:

#### Best description number:

## Item 47

```
diff --git a/src/common/app/configure_app.js
    b/src/common/app/configure_app.js @@ -4,10 +4,10 @@ import thunk from
    'redux-thunk'
   import {autoRehydrate} from 'redux-persist'
    import {createStore, applyMiddleware, compose} from 'redux'
    import {routerMiddleware} from 'react-router-redux'
 4
    -// Application
 6 +// // Application
7
   import rootReducer from 'reducers'
   -import {routes, history} from 'routing'
8
9
10
   +import {history, routes} from 'routing'
11 +//
    /**
12
13
   * Configure application store with middlewares.
    * @param {Object} initialState - preloadedState
14
15 @ -18,7 +18,7 @ const configureStore = (initialState: Object) => {
   const middlewares = [thunk, routerMiddleware(history)]
16
17
    const appliedMiddlewares = middlewares.map(a => applyMiddleware(a))
    const enhancers = [rehydrate].concat(appliedMiddlewares)
18
19 - //
20
21 const getComposeFunc = () => {
22 if (process.env.NODE_ENV === 'development') {
const {composeWithDevTools} = require('redux-devtools-extension')
```

1: 'fix: linting errors'

Expressiveness:

Informativeness:

2: 'refactor: reorganize imports in configure\_app.js file'

Expressiveness:

Informativeness:

#### Best description number:

```
4 +<script type="text/javascript">
    var loader_development = function(){
 6 - document.write("<script type='module' src='../src/main-browser.js'>
    <\/script>" +
  + document.write("<script type='text/javascript'
    src='../src/deps/jquery.js'><\/script>" +
    + "<script type='module' src='../src/main-browser.js'><\/script>" +
    "<script type='module'>"+
    "if(console) console.log('BiwaScheme '+BiwaScheme.VERSION);" +
10
    "RegisterBiwaSchemeTests();" +
11
    @@ -47,8 +48,7 @@ switch(location.hash){
12
if(console) console.log("starting tests for src/*.js");
   loader_development();
14
15
16
17
   -// ]]></script>
18 +</script>
19 </body>
20 </html>
21 <!-- vim:set ft=javascript: -->
```

1: 'test(spec): update script loading logic in spec.html'

Expressiveness:

Informativeness:

2: 'add jquery.js to dev server'

Expressiveness:

Informativeness:

**Best description number:** 

```
diff --git a/src/common/app/configure_root.jsx
    b/src/common/app/configure_root.jsx @@ -10,6 +10,7 @@ import Root from
    'components/parts/Root'
 2 import 'styles/global'
 3 type Props = {
 4 | + i18n: Object,
 5 | store: Object, // unconfigured store
 6 SSR: {
 7
    // SSR options, see `/server` for more info
8 \quad @@ -24,9 +25,9 @@ type Props = {
9
   * Configure Root component.
10
   */
   -const configureRootComponent = ({store, SSR, history, routes}: Props) => {
11
    - const props = {store, SSR, history, routes}
12
13
   +const configureRootComponent = (props: Props) => {
14 | if (module.hot) {
15 + const {store} = props
16
   // Enable Webpack hot module replacement for reducers
17 module.hot.accept('reducers', () => {
18 const nextRootReducer = require('reducers').default
```

1: 'fix: fix root component'

Expressiveness:

Informativeness:

2: 'refactor(app): Simplify configureRootComponent function and enable hot module replacement for reducers'

Expressiveness:

Informativeness:

#### Best description number:

```
1 | diff --git a/website/pages/deployment-options/azure.md
    b/website/pages/deployment-options/azure.md [Install the Azure CLI]
    (https://docs.microsoft.com/en-us/cli/azure/install-azure-cli)
2
   +Add razzle config
 3
 4 +```js
 5
   +// razzle.config.js
6 +'use strict';
7
8
   +module.exports = {
   + options: {
9
10 + forceRuntimeEnvVars: ['HOST', 'PORT']
11
   + }
12
    +};
13 + ` ` `
14
15
   Create web.config
    ```xm1
16
    <?xml version="1.0" encoding="utf-8"?>
17
18 <!--
19
    + web.config
20
   This configuration file is required if iisnode is used to run node processes
21 IIS or IIS Express. For more information, visit:
    https://github.com/tjanczuk/iisnode/blob/master/src/samples/configuration/we
22
    b.config
    @@ -66,10 +80,10 @@ Create web.config
23
24
   </configuration>
25
26 -Build the Razzle project
27 +Zip the Razzle project
    ```bash
28
29
   -yarn build
    +zip -r site.zip * -x "build/*" "node_modules/*"
30
31
32 Login to Azure
33 @@ -87,18 +101,21 @@ webappname=myRazzle$RANDOM
34 az group create --location westeurope --name myResourceGroup
35 | # Create an App Service plan in `FREE` tier.
```

```
36 | -az appservice plan create --name myAppServicePlan --resource-group
    myResourceGroup --sku FREE
37
   +az appservice plan create --name myAppServicePlan --resource-group
    myResourceGroup --sku FREE --is-linux
38
    # Create a web app.
    -az webapp create --name $webappname --resource-group myResourceGroup --plan
39
    myAppServicePlan
    +az webapp create --name $webappname --resource-group myResourceGroup --plan
40
    myAppServicePlan --runtime "node|12-lts"
41
   +# Enable building with zip deploy
42
43
    +az webapp config appsettings set --name $webappname --resource-group
    myResourceGroup --settings SCM_DO_BUILD_DURING_DEPLOYMENT=true
44
    # Get FTP publishing profile and query for publish URL and credentials
    creds=($(az webapp deployment list-publishing-profiles --name $webappname --
45
    resource-group myResourceGroup \
    ---query "[?contains(publishMethod, 'FTP')].[publishUrl,userName,userPWD]" -
46
    -output tsv))
    +--query "[?contains(publishMethod, 'ZipDeploy')].
47
    [publishUrl,userName,userPWD]" --output tsv))
    # Use cURL to perform FTP upload. You can use any FTP tool to do this
48
    instead.
49
    -curl -T index.html -u ${creds[1]}:${creds[2]} ${creds[0]}/
   +curl -X POST -u ${creds[1]}:${creds[2]} --data-binary @"site.zip"
50
    https://${creds[0]}/api/zipdeploy
51
    # Copy the result of the following command into a browser to see the static
    HTML site.
52
   -echo http://$webappname.azurewebsites.net
   +echo https://$webappname.azurewebsites.net
53
54
```

1: 'add razzle config'

Expressiveness:

Informativeness:

2: 'docs: add razzle config and create web.config for Azure deployment [skip ci]'

Expressiveness:

Informativeness:

#### **Best description number:**