

Airbnb React/JSX 가

React . Airbnb React JSX 가 . ES6 JSX
 browserify Node.js webpack (module bundler) . Electron
 (Transpile) 가 (dependency) (namespace) require
 ...

1. (Basic Rules)

React . 가 (Stateless)
 . eslint rule: react/no-multi-comp.
 JSX app React.createElement

2. (Class) vs React.createClass

(mixin) class extends React.Component

eslint rules: react/prefer-es6-class.

```
// bad
const Listing = React.createClass({
  render() {
    return <div />;
  }
});
// good
class Listing extends React.Component {
  render() {
    return <div />;
  }
}
```

3. (Naming)

: React .jsx .
 : PascalCase() .), ReservationCard.jsx.
 : React PascalCase camelCase())

eslint rules: [react/jsx - pascal - case](#).

```
// bad
import reservationCard from './ReservationCard';
// good
import ReservationCard from './ReservationCard';
// bad
const ReservationItem = <ReservationCard />;
// good
const reservationItem = <ReservationCard />;

: . ), ReservationCard.jsx ReservationCard
```

```
// bad
import Footer from './Footer/Footer';
// bad
import Footer from './Footer/index';
// good
import Footer from './Footer';
```

[4.](#) (Declaration)

displayName

```
// bad
export default React.createClass({
  displayName: 'ReservationCard',
  // stuff goes here
});
// good
export default class ReservationCard extends React.Component {
}
```

[5.](#) (Alignment)

JSX

eslint rules: [react/jsx - closing - bracket - location](#).

```

// bad
<Foo superLongParam="bar"
  anotherSuperLongParam="baz" />
// good
<Foo
  superLongParam="bar"
  anotherSuperLongParam="baz"
/>
// if props fit in one line then keep it on the same line
<Foo bar="bar" />
// children get indented normally
<Foo
  superLongParam="bar"
  anotherSuperLongParam="baz"
>
  <Spazz />

```

6. (Quotes)

JSX (attributes) (") . (sing

? JSX (attributes) (quotes) (escaped) .

eslint rules: [jsx - quotes](#).

```

// bad
<Foo bar='bar' />
// good
<Foo bar="bar" />
// bad
<Foo style={{ left: "20px" }} />
// good
<Foo style={{ left: '20px' }} />

```

7. (Spacing)

(self - closing)

```
// bad
<Foo/>
// very bad
<Foo      />
// bad
<Foo
 />
// good
<Foo />
```

8. (Props)

prop camelCase() .

```
// bad
<Foo
  UserName="hello"
  phone_number={12345678}
 />
// good
<Foo
  userName="hello"
  phoneNumber={12345678}
 />
```

true 가 prop .

eslint rules: [react/jsx - boolean - value](#).

```
// bad
<Foo
  hidden={true}
 />
// good
<Foo
  hidden
 />
```

9. (Parentheses)

JSX 가 (Wrap) (parentheses) .

eslint rules: [react/wrap - multilines](#).

```

// bad
render() {
  return <MyComponent className="long body" foo="bar" >
    <MyChild />
  </MyComponent >;
}

// good
render() {
  return (
    <MyComponent className="long body" foo="bar" >
      <MyChild />
    </MyComponent >
  );
}

// good, when single line
render() {
  const body = <div>hello</div>;
  return <MyComponent > {body} </MyComponent >;
}

```

10. (Tags)

(children) 가

(self - close)

eslint rules: [react/self - closing - comp.](#)

```

// bad
<Foo className="stuff" > </Foo >
// good
<Foo className="stuff" />

```

(properties)

eslint rules: [react/jsx - closing - bracket - location.](#)

```

// bad
<Foo
  bar="bar"
  baz="baz" />
// good
<Foo
  bar="bar"
  baz="baz"
/>

```

11. (Methods)

(Render)

(Bind)가

(constructor)

? (bind)

eslint rules: [react/jsx - no - bind](#).

```
// bad
class extends React.Component {
  onClickDiv() {
    // do stuff
  }
  render() {
    return <div onClick={this.onClickDiv.bind(this)} />
  }
}

// good
class extends React.Component {
  constructor(props) {
    super(props);
    this.onClickDiv = this.onClickDiv.bind(this);
  }
  onClickDiv() {
    // do stuff
  }
  render() {
    return <div onClick={this.onClickDiv} />
  }
}
```

React (underscore)

```
// bad
React.createClass({
  _onClickSubmit() {
    // do stuff
  },
  // other stuff
});

// good
class extends React.Component {
  onClickSubmit() {
    // do stuff
  }
  // other stuff
}
```

[12.](#) (Ordering)

class extends React.Component (Ordering):

constructor
가 (optional) static
getChildContext

componentWillMount
componentDidMount
componentWillReceiveProps
shouldComponentUpdate
componentWillUpdate
componentDidUpdate
componentWillUnmount
onClickSubmit() clickHandlers eventHandlers onChangeDescription()
getSelectReason() render getter methods getFooterContent()
renderNavigation() 가 renderProfilePicture()

render

React.createClass (Ordering):

displayName
propTypes
contextTypes
childContextTypes
mixins
statics
defaultProps
getDefaultProps
getInitialState
getChildContext
componentWillMount
componentDidMount
componentWillReceiveProps
shouldComponentUpdate
componentWillUpdate
componentDidUpdate
componentWillUnmount
onClickSubmit() clickHandlers eventHandlers onChangeDescription()
getSelectReason() render getter methods getFooterContent()
renderNavigation() 가 renderProfilePicture()

render

eslint rules: [react/sort - comp.](#)

propTypes, defaultProps, contextTypes, ...

```
import React, { PropTypes } from 'react';
const propTypes = {
  id: PropTypes.number.isRequired,
  url: PropTypes.string.isRequired,
  text: PropTypes.string,
};
const defaultProps = {
  text: 'Hello World',
};
class Link extends React.Component {
  static methodsAreOk() {
    return true;
  }
  render() {
    return <a href={this.props.url} data-id={this.props.id}>{this.props.text}</a>
  }
}
Link.propTypes = propTypes;
Link.defaultProps = defaultProps;
export default Link;
```

13. isMounted

isMounted

? isMounted - (anti - pattern) . ES6

eslint rules: [react/no - is - mounted](#).