DWA_04.3 Knowledge Check_DWA4

Declaration

- Do not use `displayName` for naming components. Instead, name the component by reference.

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

// good
export default class ReservationCard extends React.Component {
}
```

I like this rule because it makes it easier to read and understand your code and will help minimize confusion around what your components are and what they affect.

- **Component Naming**: Use the filename as the component name. For example, `ReservationCard.jsx` should have a reference name of `ReservationCard`. However, for root components of a directory, use `index.jsx` as the filename and use the directory name as the component name:

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

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

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

This rule just makes it easier to follow directories and keeps things nice and well organized. It also aligns with the idea of having a clear and consistent naming structure in your React project.

Mixins

- Do not use mixins.

> Why? Mixins introduce implicit dependencies, cause name clashes, and cause snowballing complexity. Most use cases for mixins can be accomplished in better ways via components, higher-order components, or utility modules.

Mixins overcomplicate your code and are usually used if proper scalability wasn't put into your code to begin with. There are many more robust ways of augmenting your code without having to use Mixins.

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1. Select three rules from the Airbnb Style Guide that you find **useful** and explain why.

Alignment

- Follow these alignment styles for JSX syntax. eslint: `react/jsx-closing-bracket-location` `react/jsx-closing-tag-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"
>
  <Quux />
</Foo>
```

I suppose it looks neater but is it really gonna make or break the readability of your code? Probably not. So it seems kinda weird to put so much emphasis on this.

Quotes

- Always use double quotes (") for JSX attributes, but single quotes (') for all other JS. eslint: `jsx-quotes`

  > Why? Regular HTML attributes also typically use double quotes instead of single, so JSX attributes mirror this convention.

  ```
  // bad
  <Foo bar='bar' />

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

  // bad
  <Foo style= />

  // good
  <Foo style= />
  ```

This also seems a little much. We're already writing JSX in Pascal Case and JS in camelCase. Is it really going to make that big a difference if we use double or single quotes.

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2. Select three rules from the Airbnb Style Guide that you find **confusing** and explain why.

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