

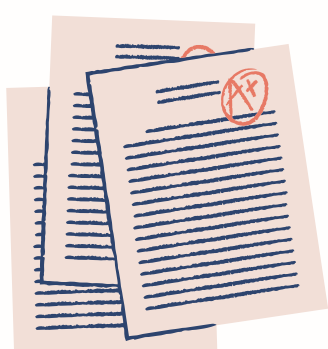
7 Practical Tips of Maintainable React

01. Meaningful name



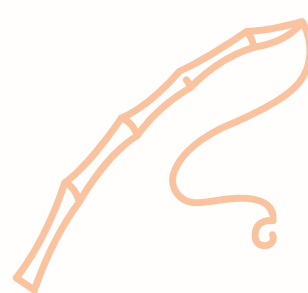
The name should be carefully selected and meaningful, whether it is a variable, function, component or even CSS class.

02. Testable code



Using jest, react-testing-library, it's super easy to write robust and solid tests in React than ever before. Always think about the testability of your component. The easier you can test it, the better.

03. Use custom hooks



Use a hook to manage the internal state and only expose the necessary interface to access these data. Make sure the view has as less logic/data as possible.

04. Use composition

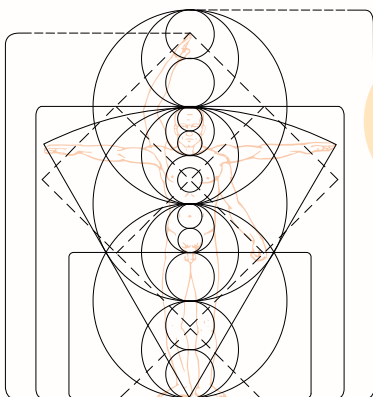


If you see a long props list and pass through the props to their children, it may be a good sign to split the components and use composition (using render props and children, for example).

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05. Small component is good component

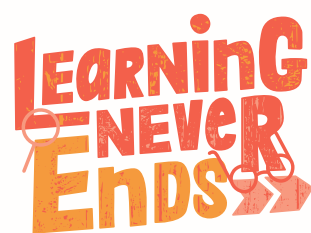
A component should do one thing and do it well. One sign of a good component is its size (line of code). I rarely see a component over 100 lines - even in large projects.



06. Separation of concerns

Split rendering logic and calculation. Try to split view unrelated code into somewhere else. You probably are doing it wrong if you see **if-else** in your views. Think again next time when you do a calculation in a component.

07. Good practises in other fields



Get familiar with good practices in other domains. Try to apply Simple design, S.O.L.I.D principles from the backend world in your React code. Note that no matter what, most React code is just normal code. Most of the good design practices still apply.

To learn more about Maintainable React, and clean code in general, please visit icodeit.com.au.

