

React Native

Desenvolvimento de Software e Sistemas Móveis (DSSMV)

Licenciatura em Engenharia de Telecomunicações e Informática

LETI/ISEP

2024/25

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Disclaimer

Material and Slides

Some of the material/slides are adapted from various:

- Presentations found on the internet;
- Books;
- Web sites;
- ...

Outline

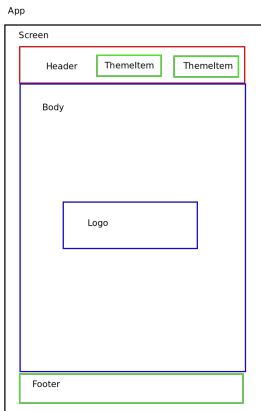
1 Application

2 Bibliography

Application

Structure

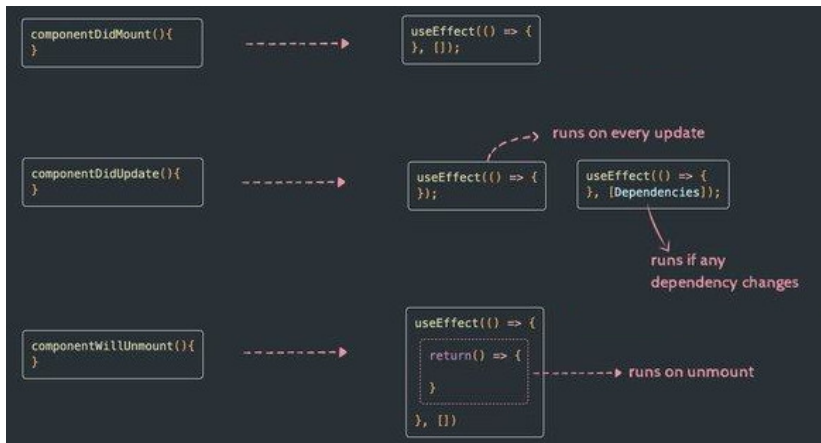
- In this presentation it will be used an application example
- This application is composed by a set of components structured as:



Example



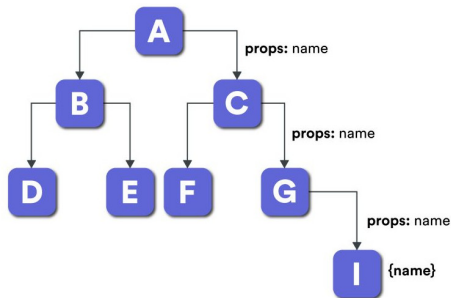
Functional components lifecycle



Check: TP12.zip (LifecycleHook.zip)

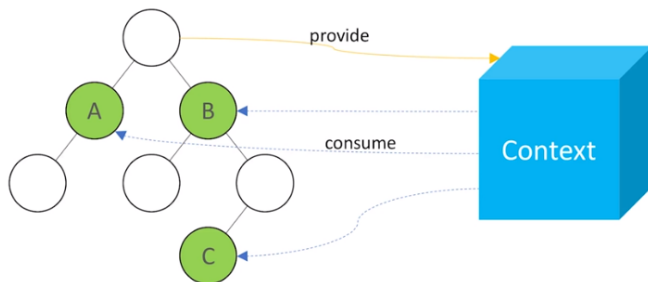
State management

- prop drilling



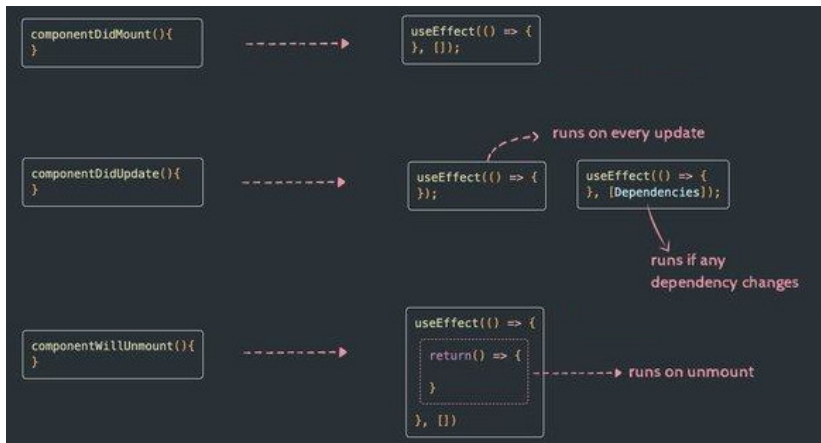
Check: TP12.zip (ThemeNoContext)

The React Context API



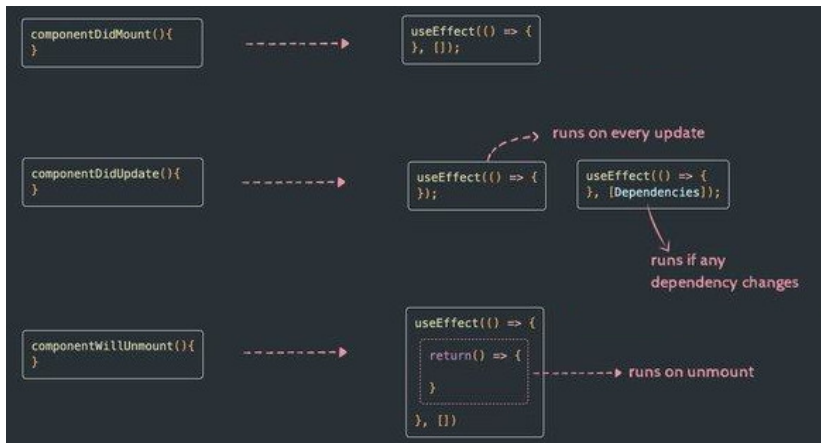
Check: TP12.zip (ThemeContextApi)

Functional components lifecycle



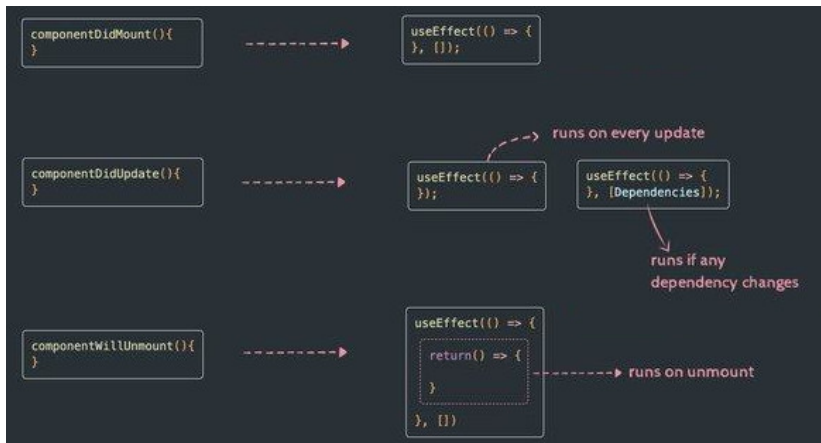
Check: TP12.zip (LifecycleHook.zip)

Functional components lifecycle



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Check: TP12.zip (LifecycleHook.zip)

Bibliography

Resources

- David Flanagan, "JavaScript: The Definitive Guide", O'Reilly Media, Inc., 2020
- Adam Boduch and Roy Derks, "React and React Native, Third Edition, A complete hands-on guide to modern web and mobile development with React.js"
- Dan Ward, "React Native Cookbook Second Edition Step-by-step recipes for solving common React Native development problems"
- <https://reactnative.dev/>
- <https://reactjs.org/>
- <https://reactnavigation.org/>