# REACT

Branko Radičević

# Look ahead

- React components

- Application state

- Forms

- Navigation

- Animations

- Async programing

- Unit tests

- Fully functional application

# What is React?

- React is JavaScript library for creating user interfaces

- Develop and maintained by Facebook

- High speed virtual DOM

- Component-Based

# Development environment

- NodeJS

- Visual Studio Code

- Yarn

# Create first app

- npm init

- npm i create-react-app

- npx create-react-app 01

# JSX

- Neither string nor HTML

- JSX compiles to React.createElement()

- const element = <div className="App">Hello, world!</div>

- const element = {
    type: "div",
    props: {
      className: "App",
      children: "Hello, world!"
    }
  }

# Components

- Independent reusable UI peace

- Props

- Functional components

- Class components

# ⚛ Add components

- Data

  - https://api.itbook.store/1.0/search/react