

React.js

- [React](#) is an [ecosystem](#) developed by Facebook (native app variant: [React Native](#))
- Covers web apps (React.js) AND native apps (React Native) in one single development paradigm
- React Native: create native apps for iOS, Android and Windows (UWP) using the same codebase
- React Native: even common UI's for iOS & Android apps using [NativeBase](#)!

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- **Key principles:**
 - **Virtual DOM:** allows very efficient, fast UI updates
 - **Break down UI into component hierarchy;** components have (static) properties and (dynamic) state
 - **No (complex) MVC, MVVM (data binding):** one-way data flow down the hierarchy
 - **React = view only;** for dynamic data, use Redux as a companion (implementation of Flux)
 - **Uses the power of JavaScript itself, no « custom syntax »:** uses JSX, JavaScript, let you choose and mix & match!

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- Who is using it?

Walmart, AirBnB, Apple, Netflix, Twitter, PayPal, DropBox, Uber, WhatsApp,
...

- Useful links:
 - Keep it simple: [quickstart](#) developing using [create-react-app!](#)
 - [What is React & Redux?](#)
 - [9 things every React.js beginner should know](#)