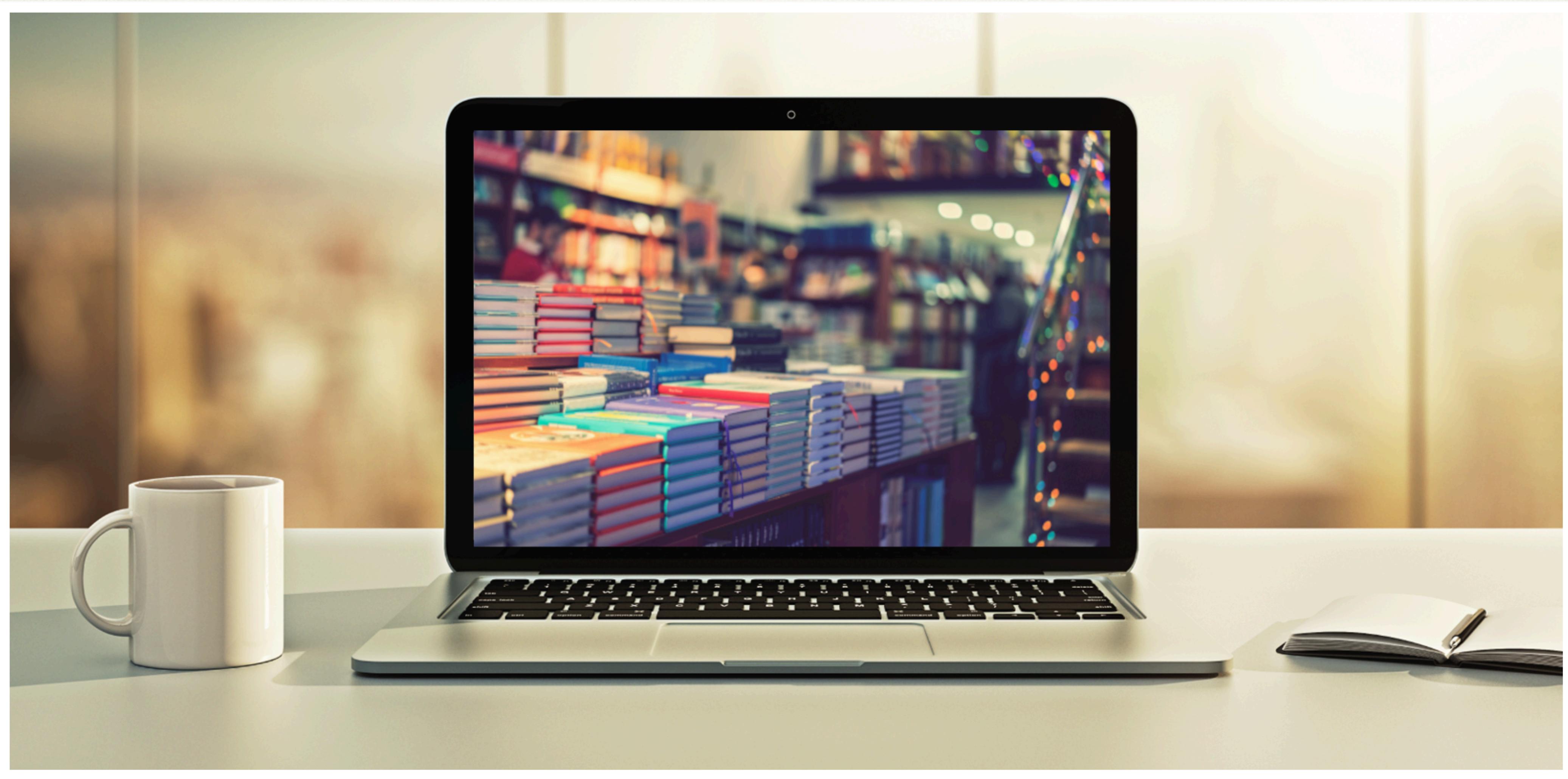
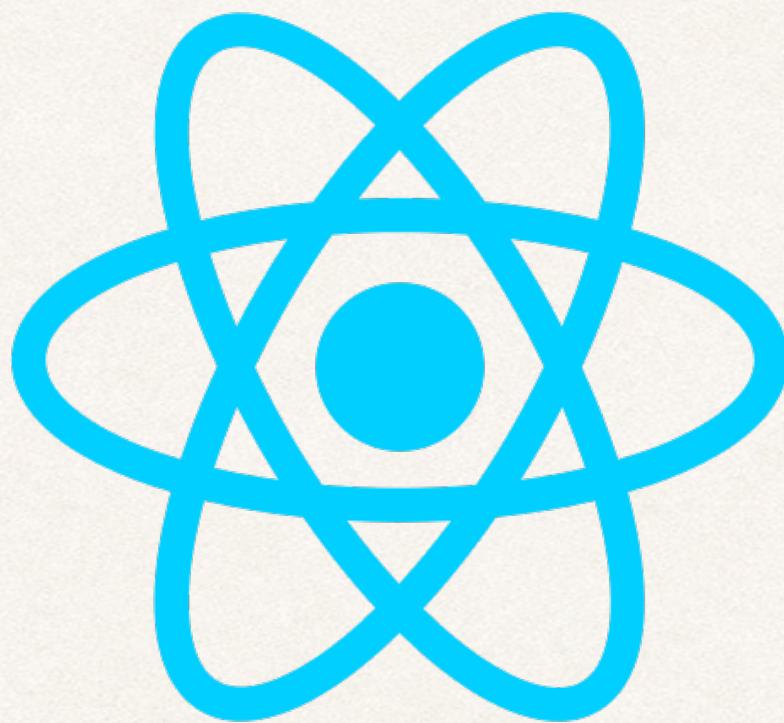


React Overview



What is React?

- React is a library for building modern single-page applications



Official docs
Tutorials

www.reactjs.org

How is Single-Page application different than Traditional application?

Traditional Application

- Each user action results in a full HTML page load



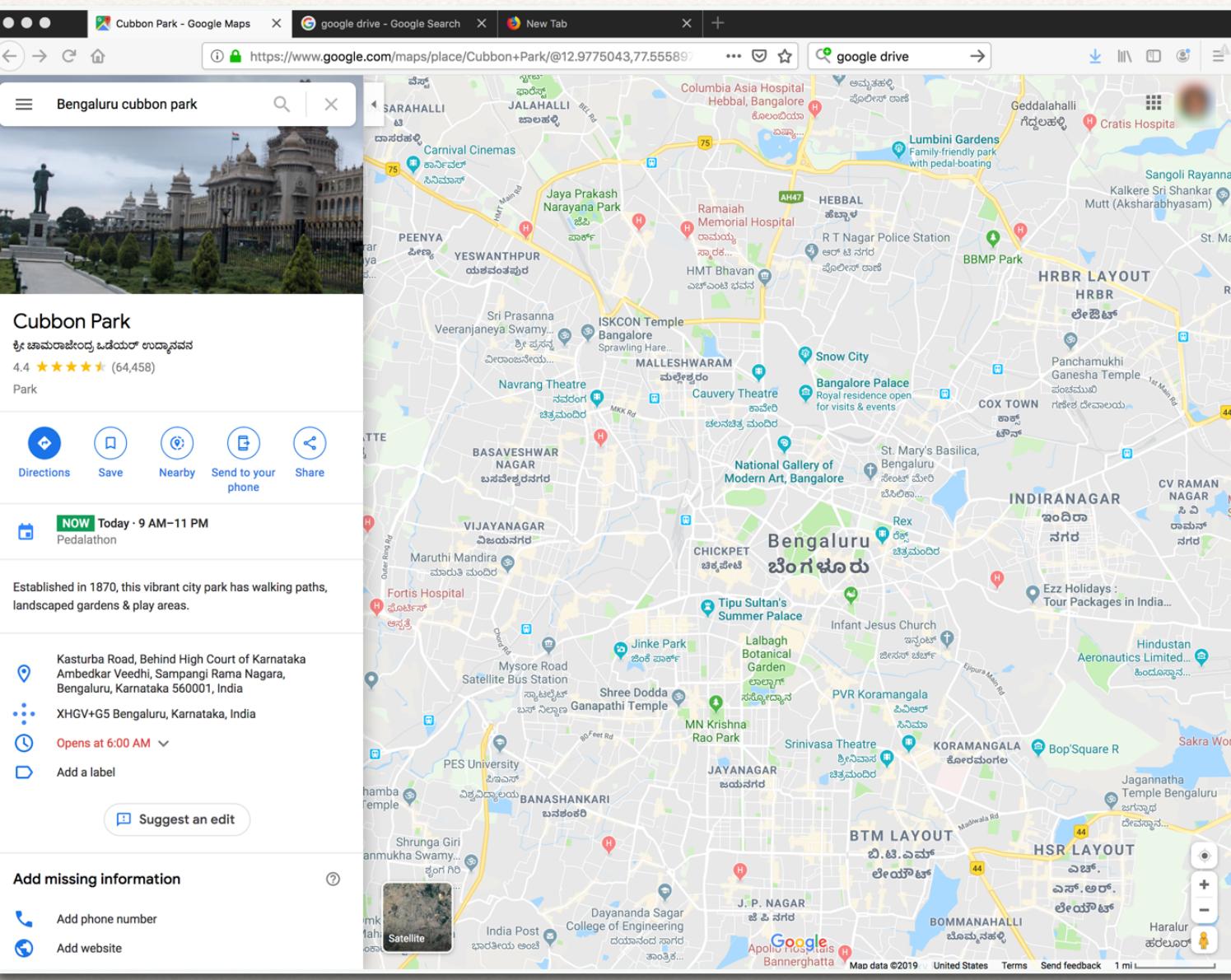
Single-Page Application

- A web application that is composed of a single page
- Based on user actions, the application page is updated
 - Normally performs a partial update ... instead of full page load

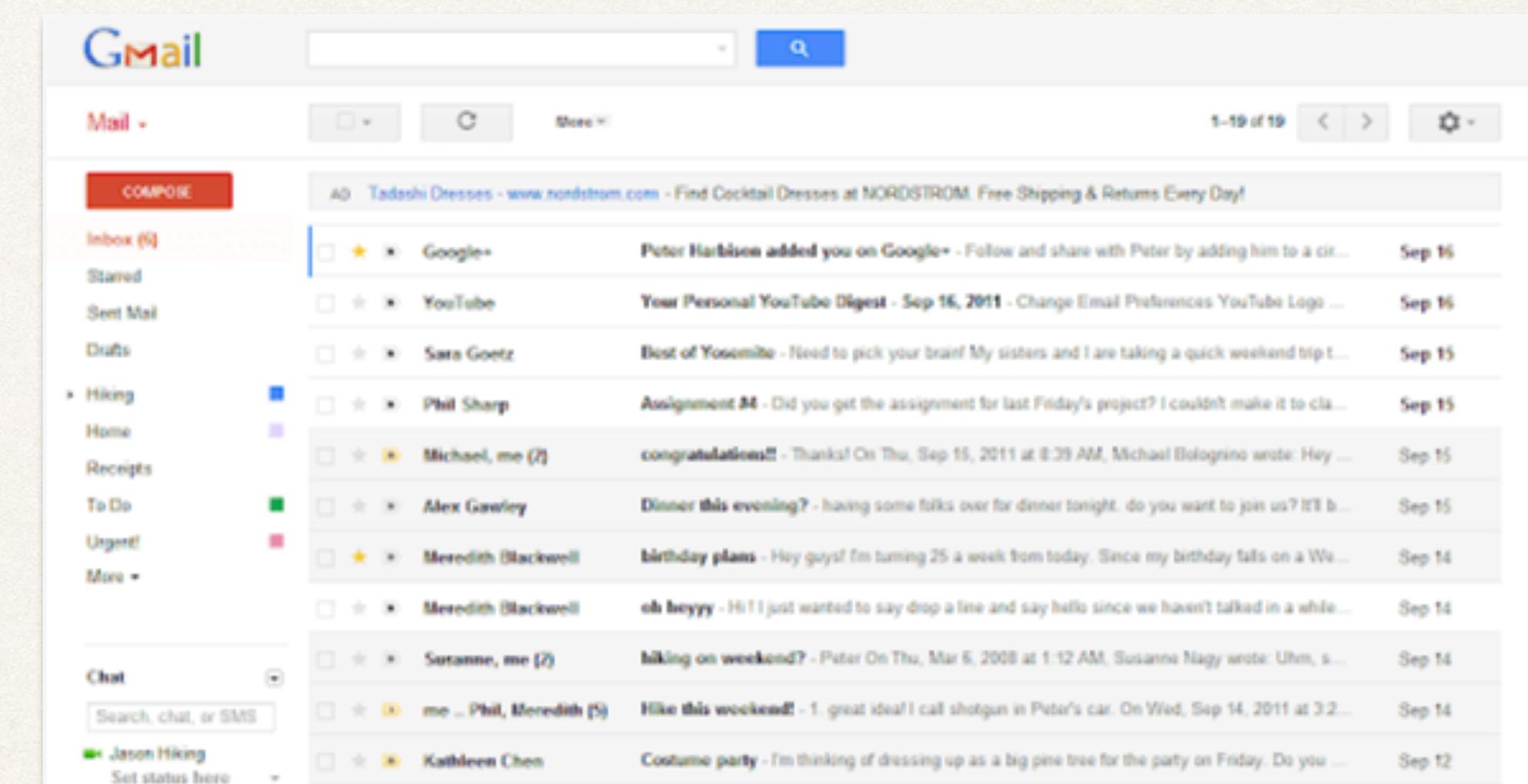


Examples of Single-Page Applications

Maps

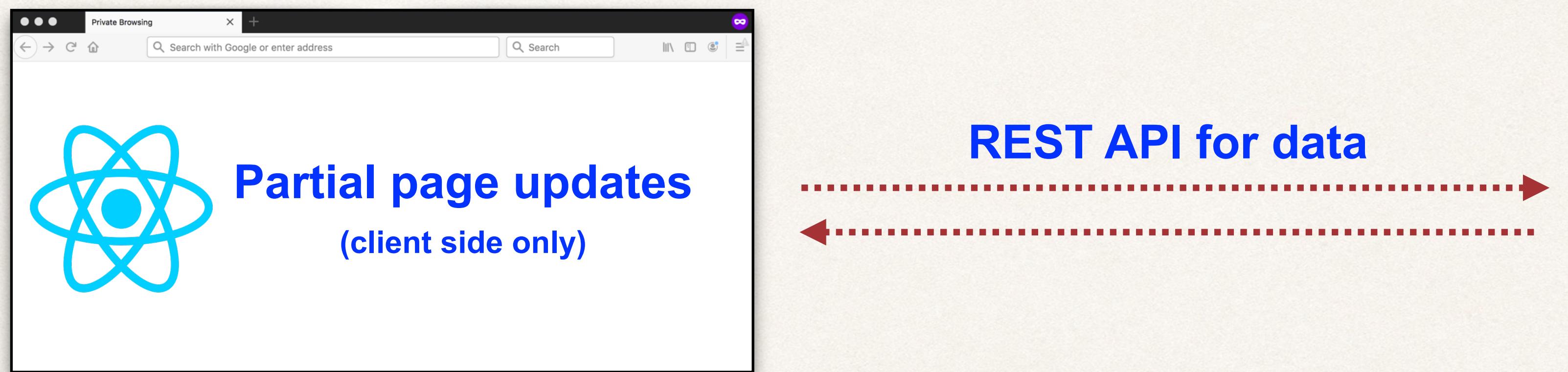


Email



React Solution

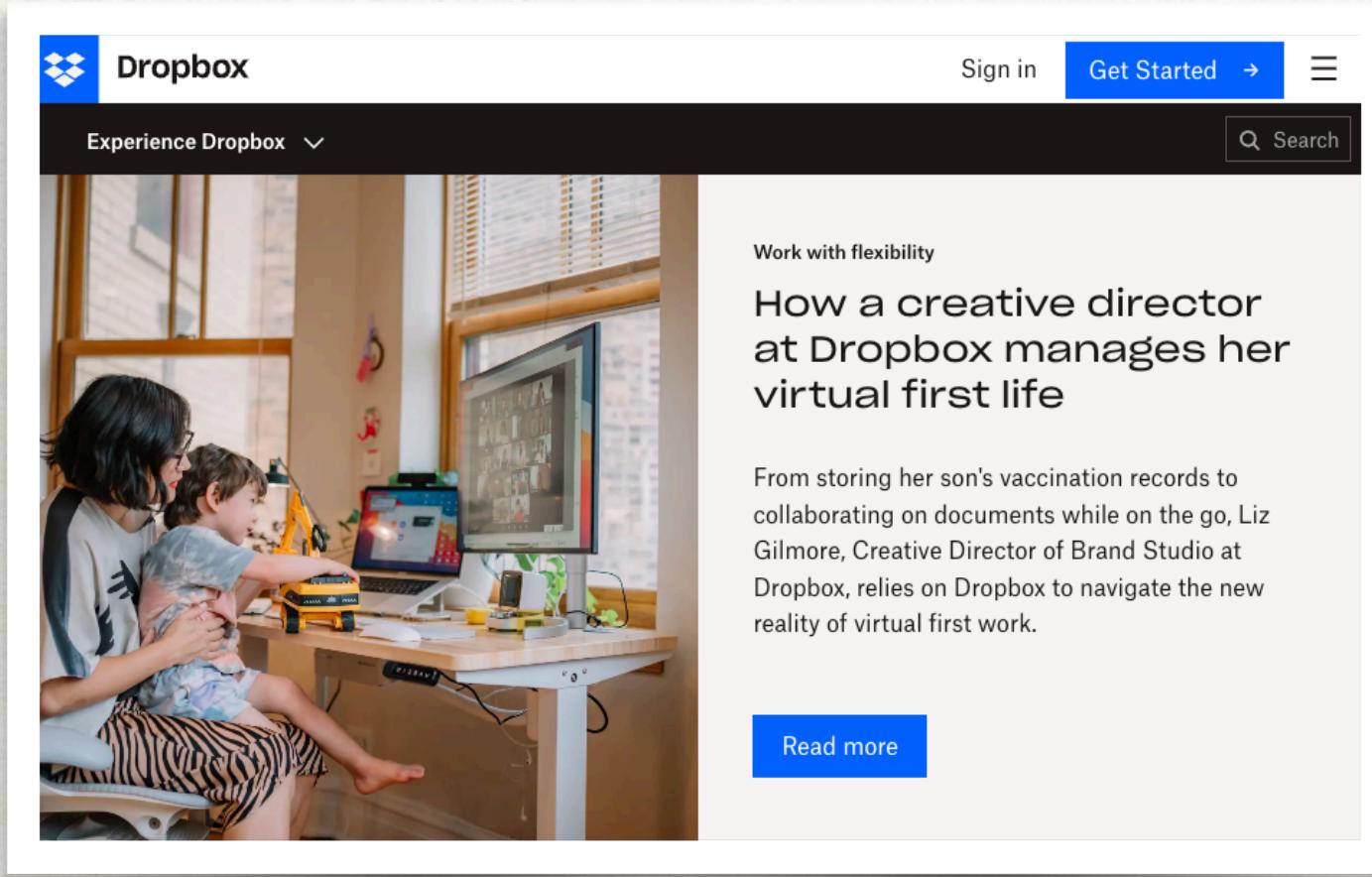
- React is a library for building modern single-page applications



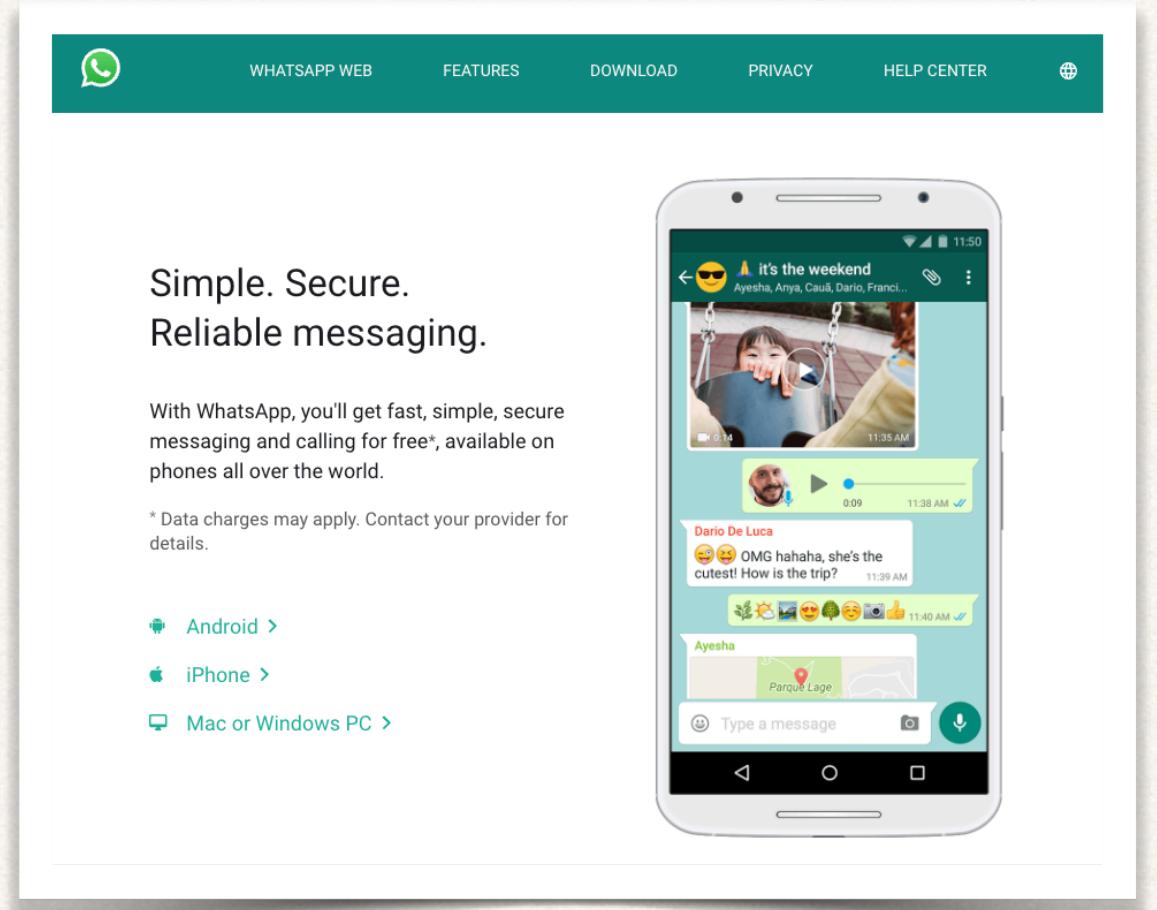
Who's using React

- Companies around the world are using React

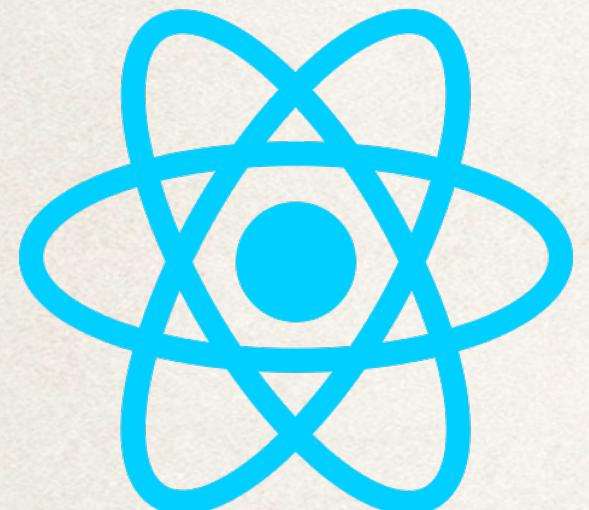
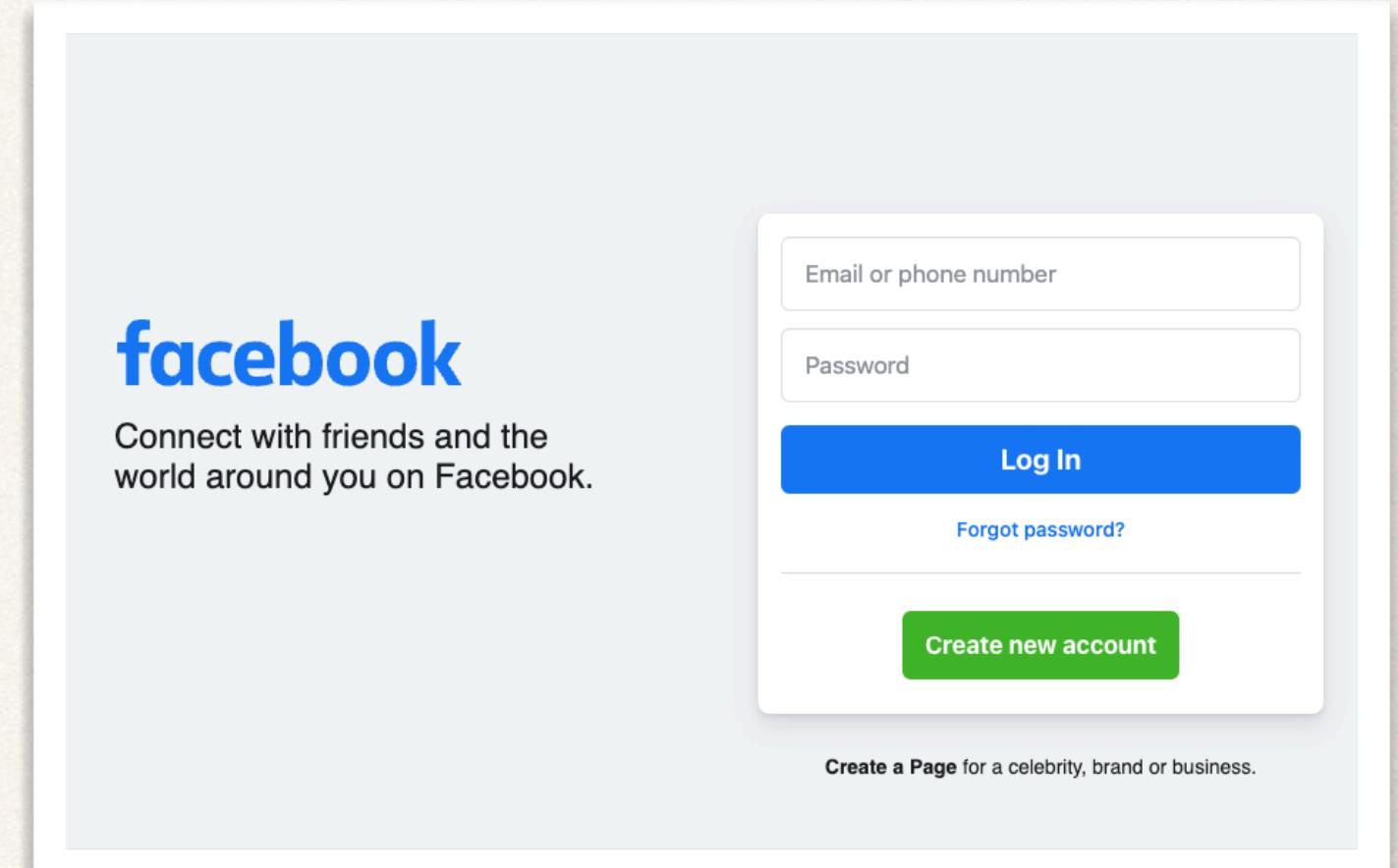
Dropbox



WhatsApp

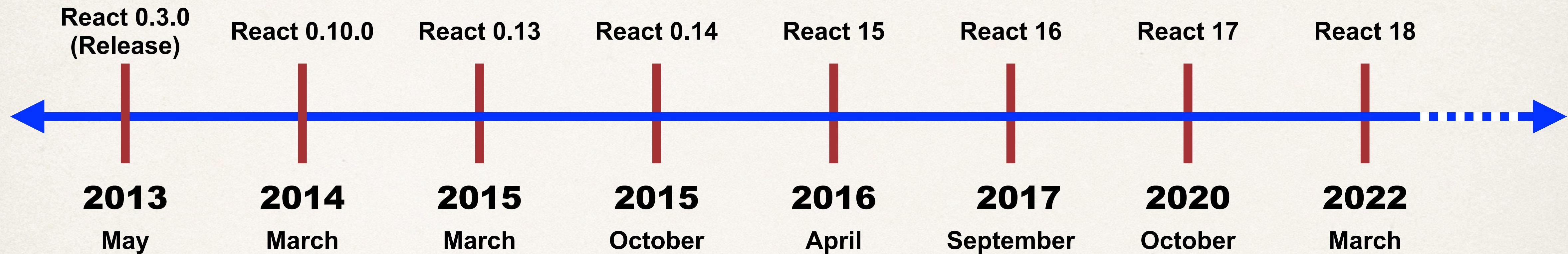


Facebook



[www.https://madewithreactjs.com](https://madewithreactjs.com)

React History



Major release every few years

What about Do-it-Yourself?

- FAQ: Couldn't I just do it myself with JavaScript, jQuery, AJAX etc?
- May work for small basic hobby apps
- For common features such as data binding, you may reinvent the wheel
- Hard to manage and maintain for enterprise real-time applications
- Main reason we have libraries & frameworks such React.js, Angular, Vue.js,
- ...