

Angular Overview



What is Angular?

- Angular is a framework for building modern single-page applications



Official docs
Tutorials

www.angular.io

How is Single-Page application different than Traditional application?

Traditional Application

- Each user action results in a full HTML page load



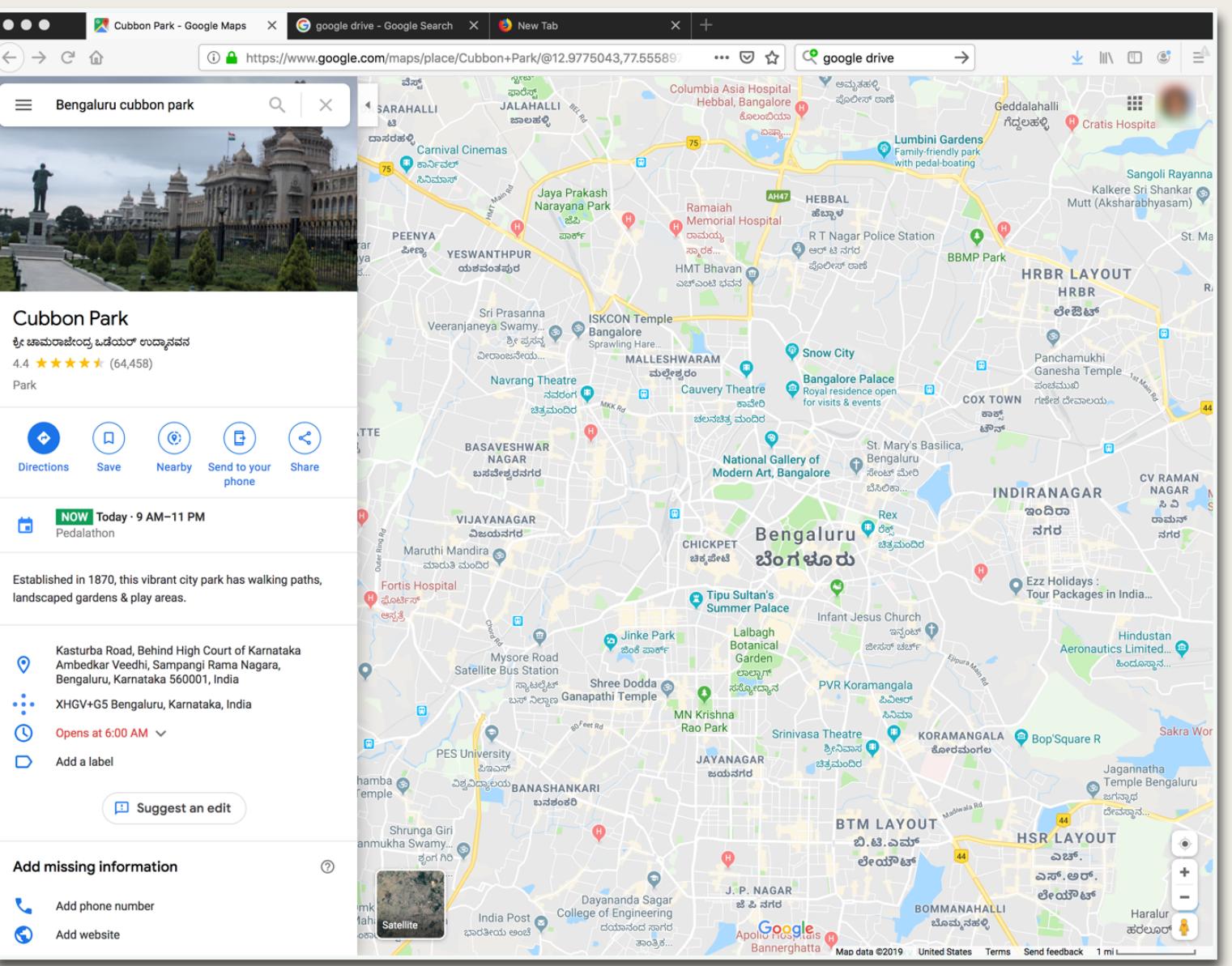
Single-Page Application

- 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

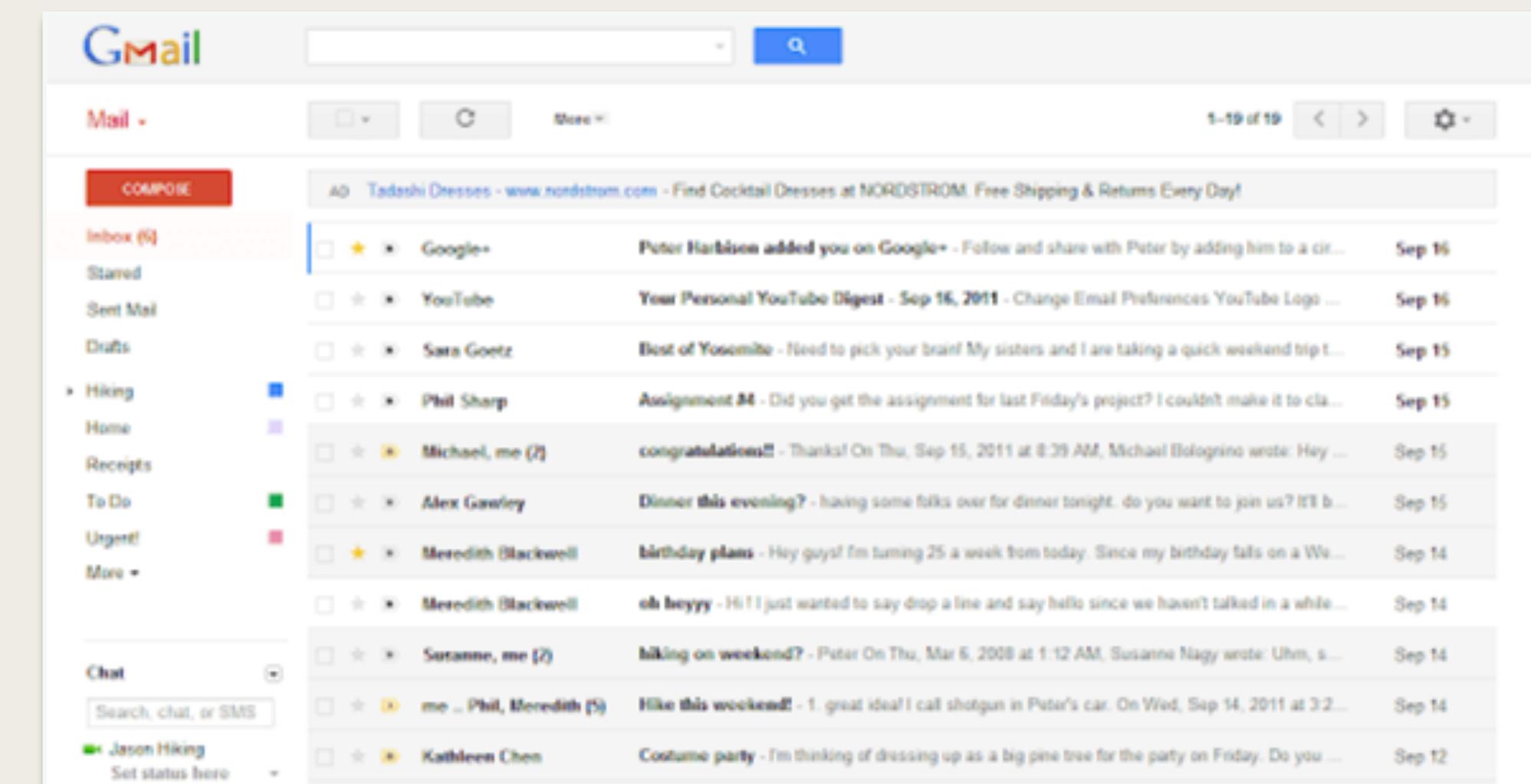


Examples of Single-Page Applications

Maps

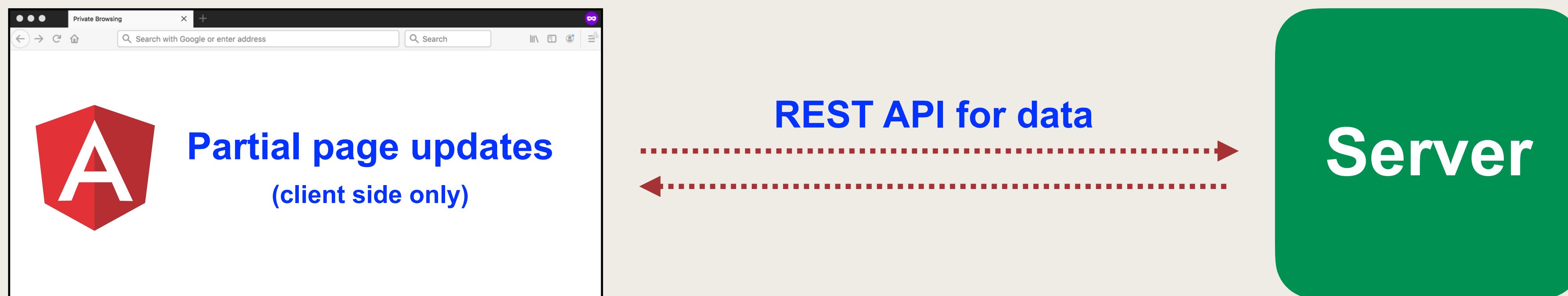


Email



Angular Solution

- Angular is a framework for building modern single-page applications



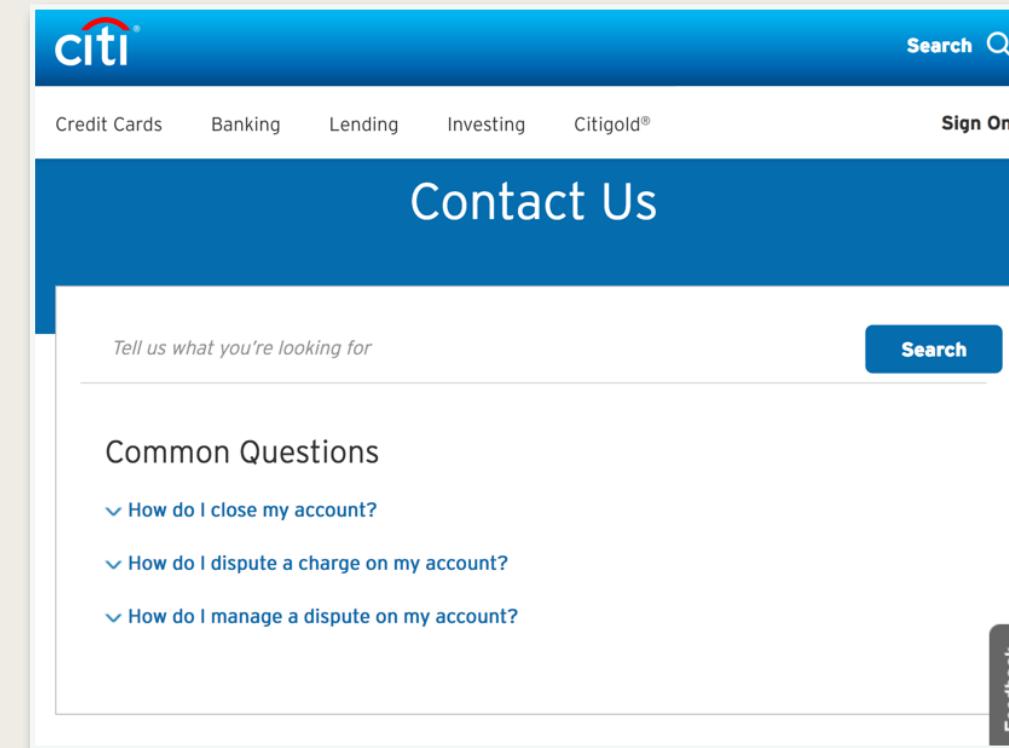
Who's Using Angular?

- Companies around the world are using Angular

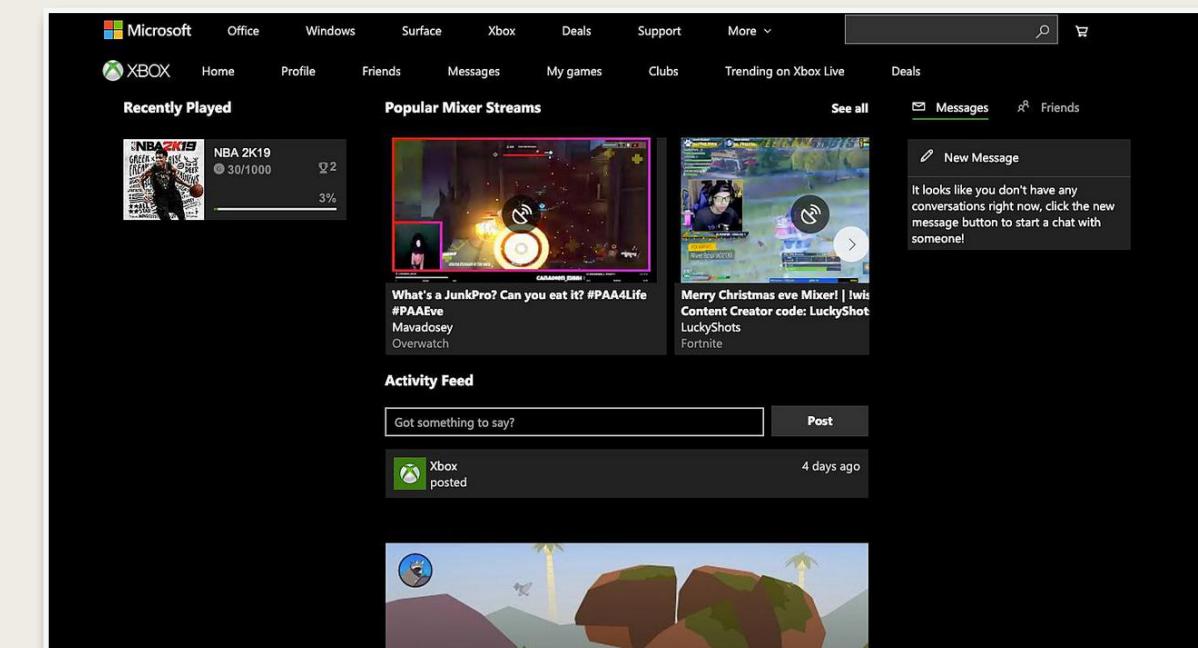
Australian Government Immigration



Citi Bank Customer Service

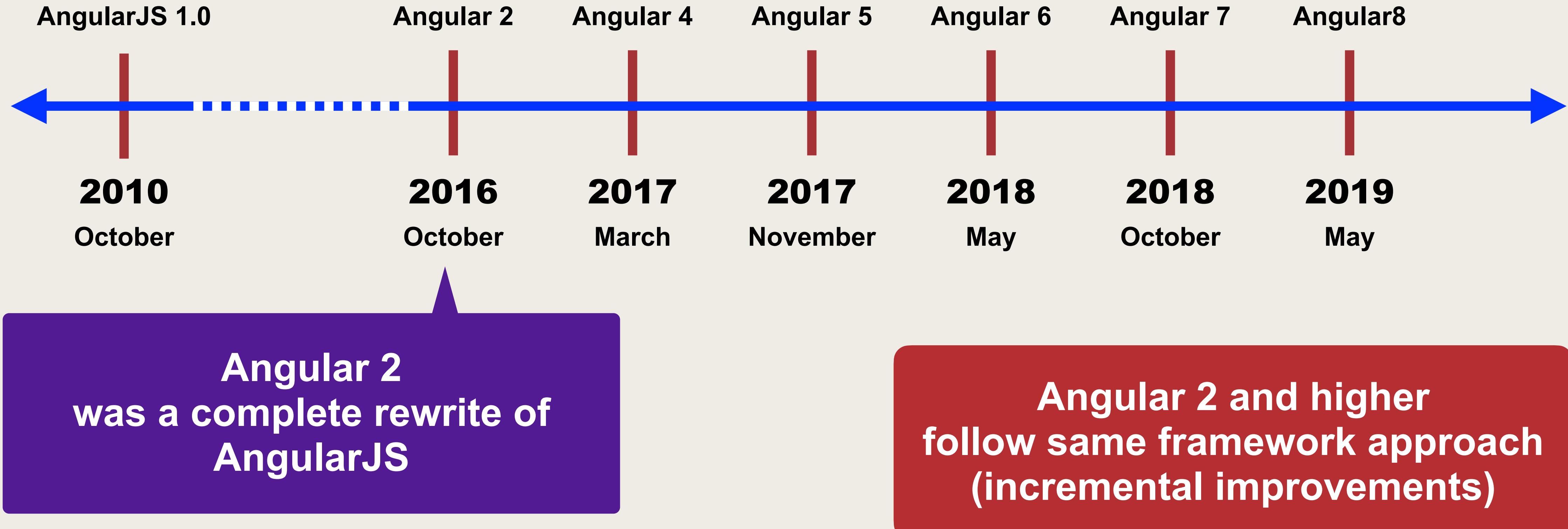


Microsoft Xbox

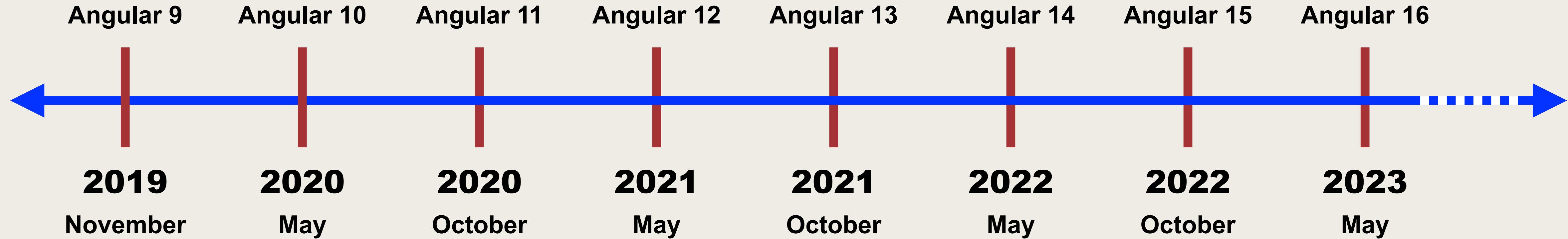


www.madewithangular.com

Angular History



Angular History + Future



Major release every 6 months

Dates are general guidance from Angular team ...
may shift accordingly

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 frameworks such Angular, React.js, Vue.js, ...