**JavaScript**

**ES6**

* ES6 is a set of improvements to JavaScript that is now part of the official standard

**JSX**

* Syntax for embedding xml in JavaScript

**React**

Components

* Building an app includes using multiple components
* Components can be simple just require a render function
  + This returns some JSX
* Can make a single component that is used in many places

Props

* Components can be customized when created with different parameters, these creation parameters are called props

State

* Initialize in constructor
* Then call setState
* In a real application you would set state when new data arrives from server or from user input
* If you use redux you will user redux to modify your state instead of calling setState directly
* There are two types of data that control a component: props and state. props are set by the parent and they are fixed throughout the lifetime of a component. For data that is going to change, we have to use state.