**React**

Creates a New Virtual DOM and compares to old Virtual DOM and only updates what has changed

* This happens anytime the state (some item) changes

**Components**

* Some Key Points
  + Looks like an HTML template but Actually JSX
  + JSX
  + Contain State (data or UI State)
  + Have JavaScript for functionality
  + Updates when state changes
* Examples like
  + A search Bar, Nav Bar

**Props**

**State**Local data

{

Users: [

{name: david, username: vasquezd},

{name: matt, username: matt}

]

}