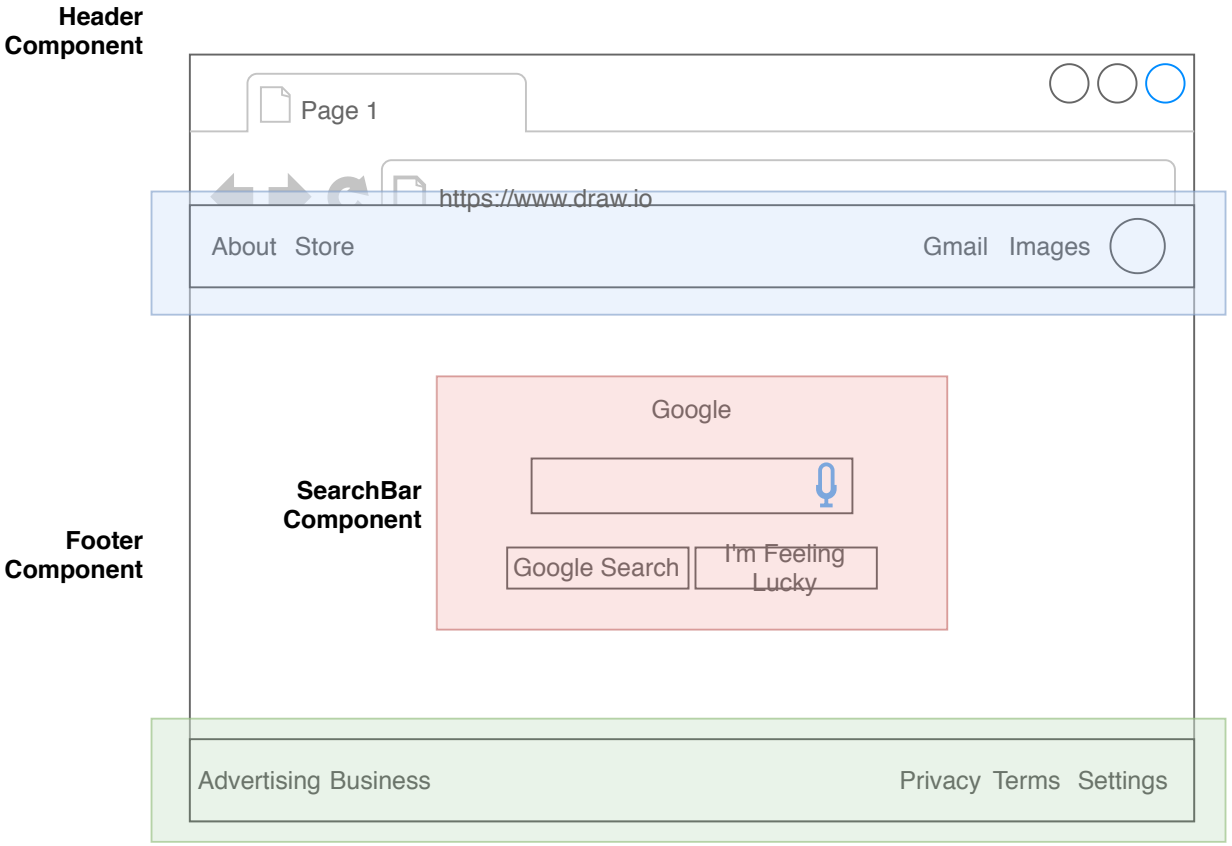
React Components

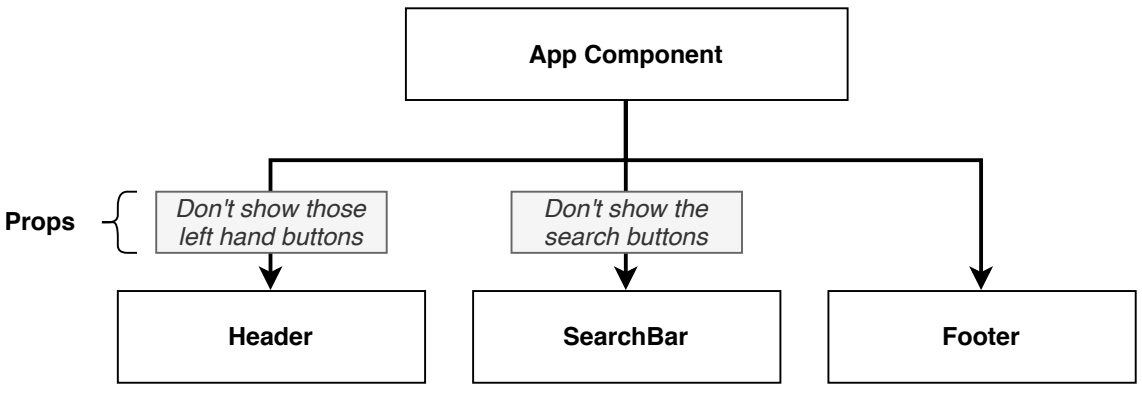
Component **Nesting** — A component can be shown *inside* of another

Component **Resuability** — We want to make components that can be easily reused through out application

Component **Configuration** — We should be able to configure a component when it is created

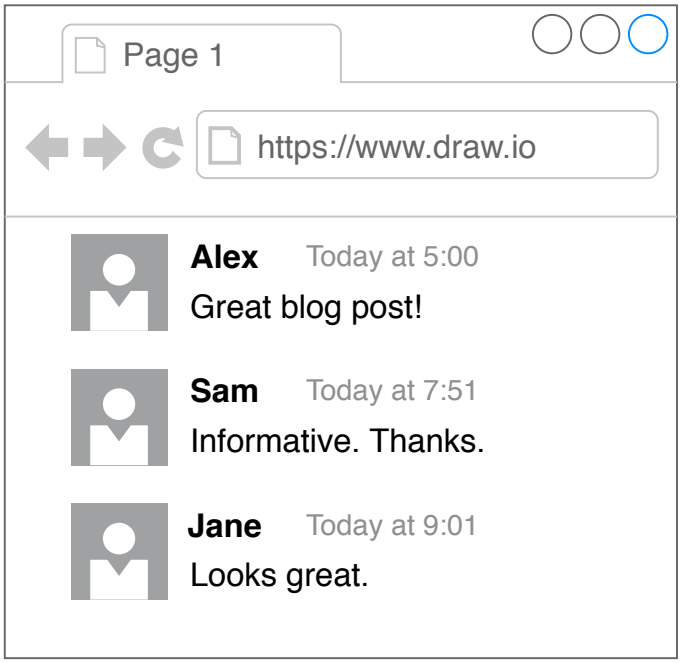
Component Nesting



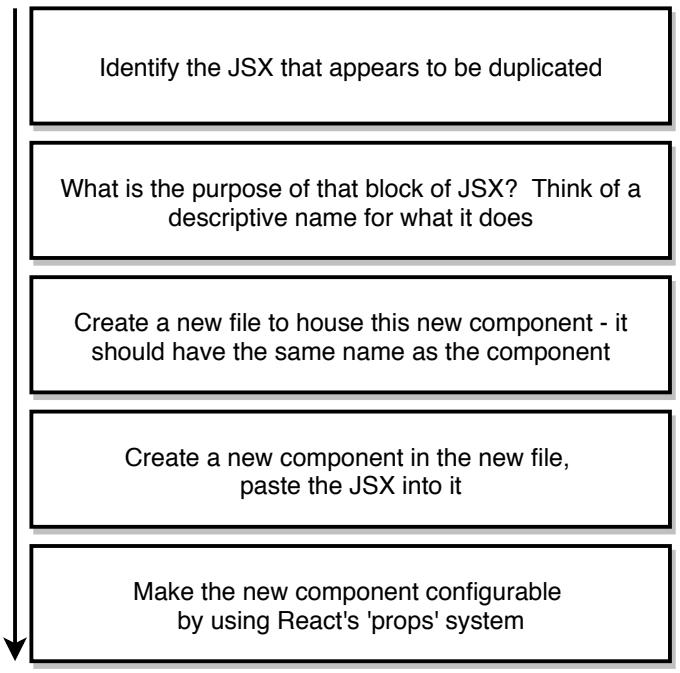


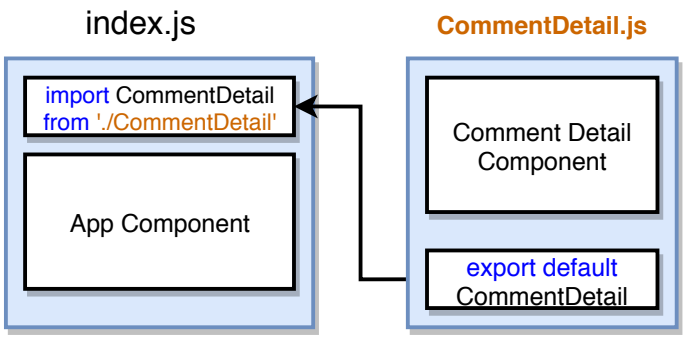
Component Hierarchy

Component **Resuability**



Creating a Reusable, Configurable Component



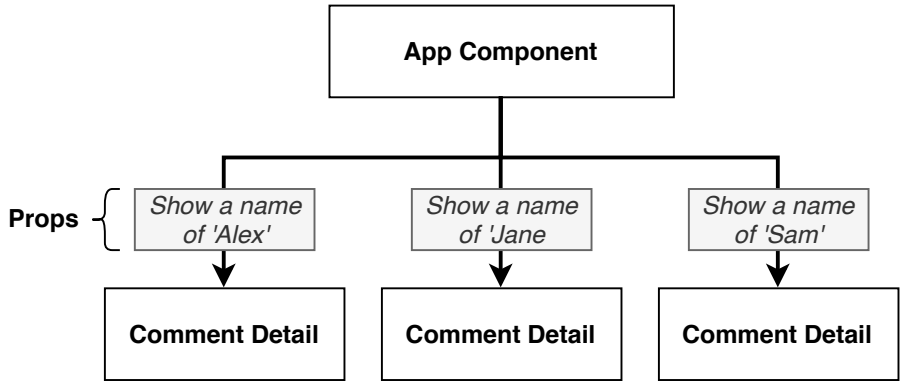


Component **Configuration**

Props

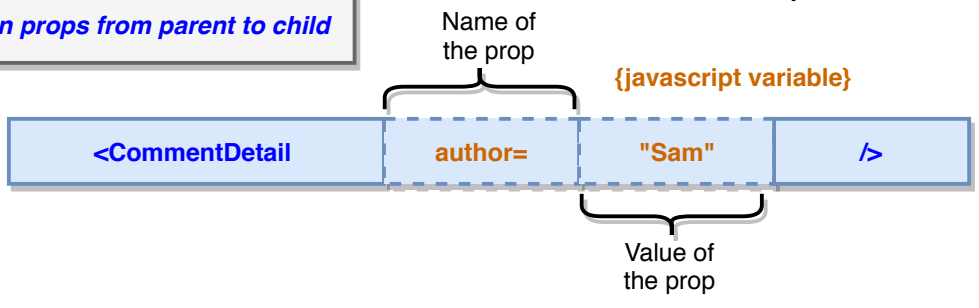
System for passing data from a **parent** component to a **child** component

Goal is to customize or configure a child component

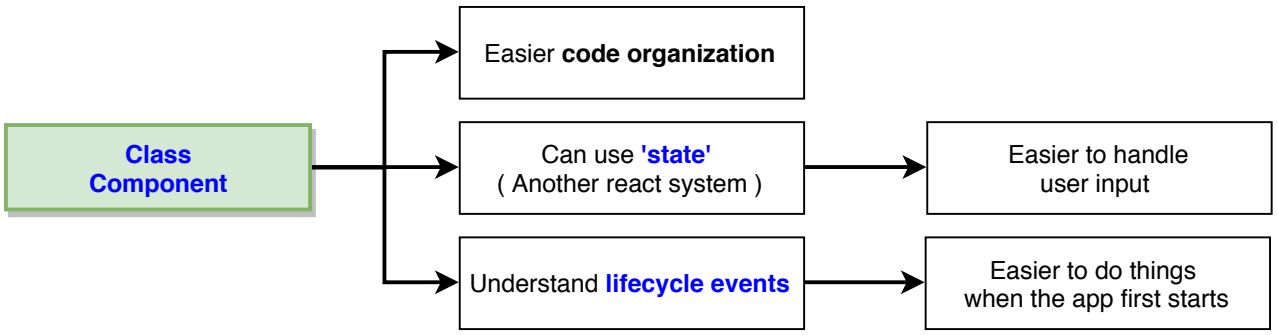


Component Hierarchy

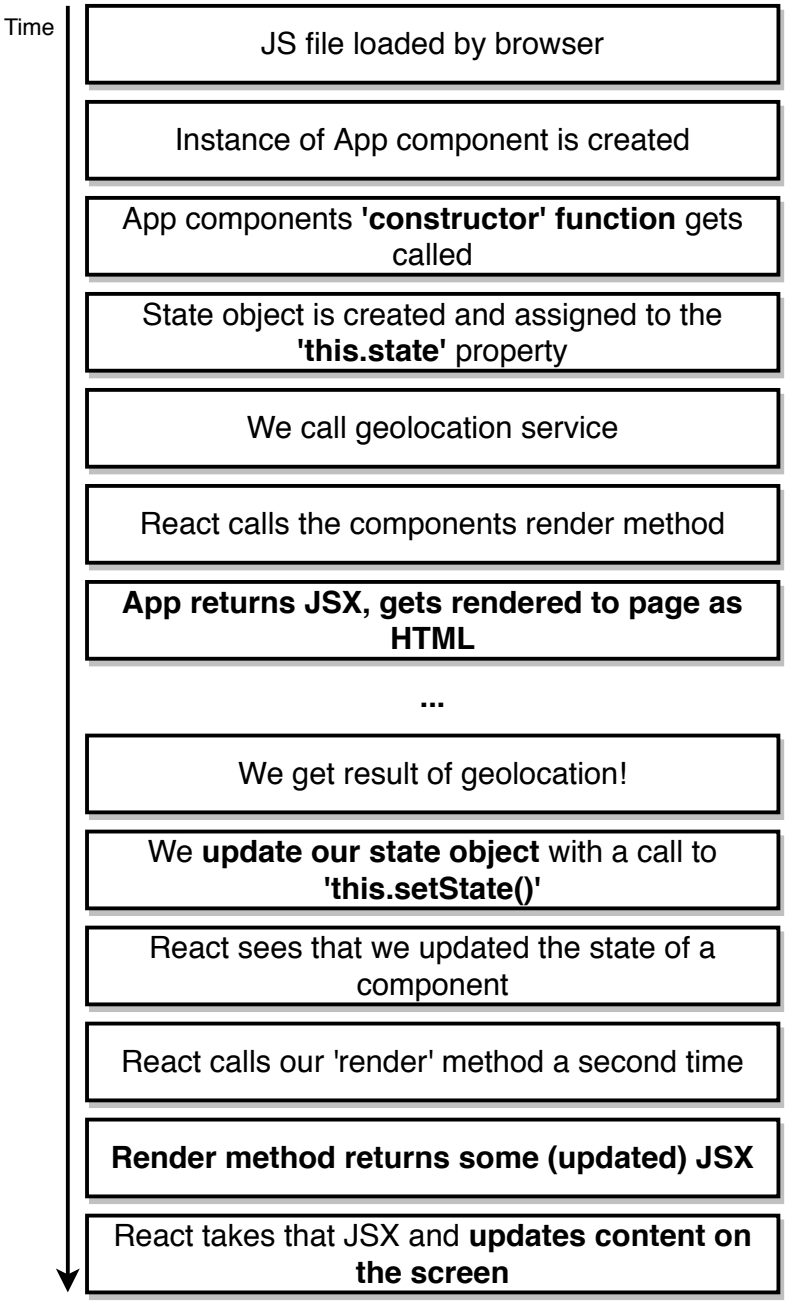
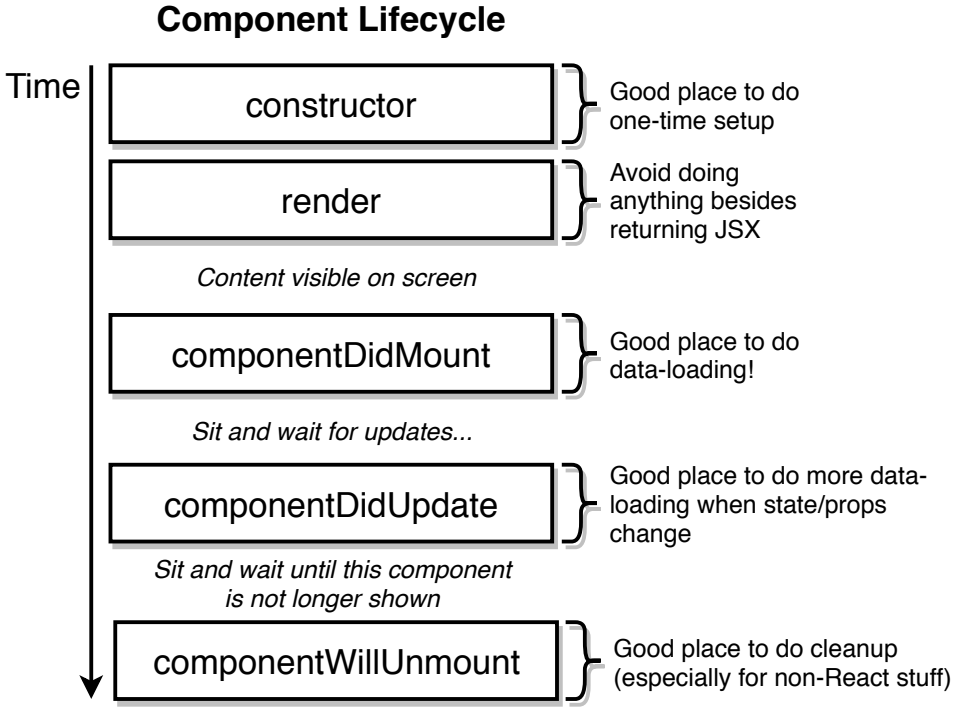
Passing down props from parent to child



Benefit of Class Component



Component State



Component Life Cycle