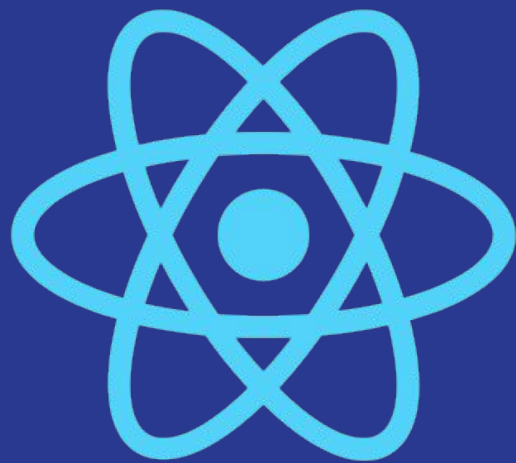



Training 01

Getting Started



React

Why we love React

- Functional Programming is Awesome
 - Opinionated, but not Dictatorial
 - JSX lets you mix JavaScript and HTML
 - Reusability
- 

What we'll cover

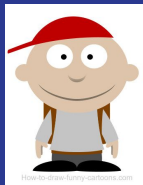
- Components: Class Based vs Functional
- State vs Props
- Handling Actions





Let's Code!

Component Lifecycle



“Render Phase”
Pure and has no side effects.
May be paused, aborted or
restarted by React.

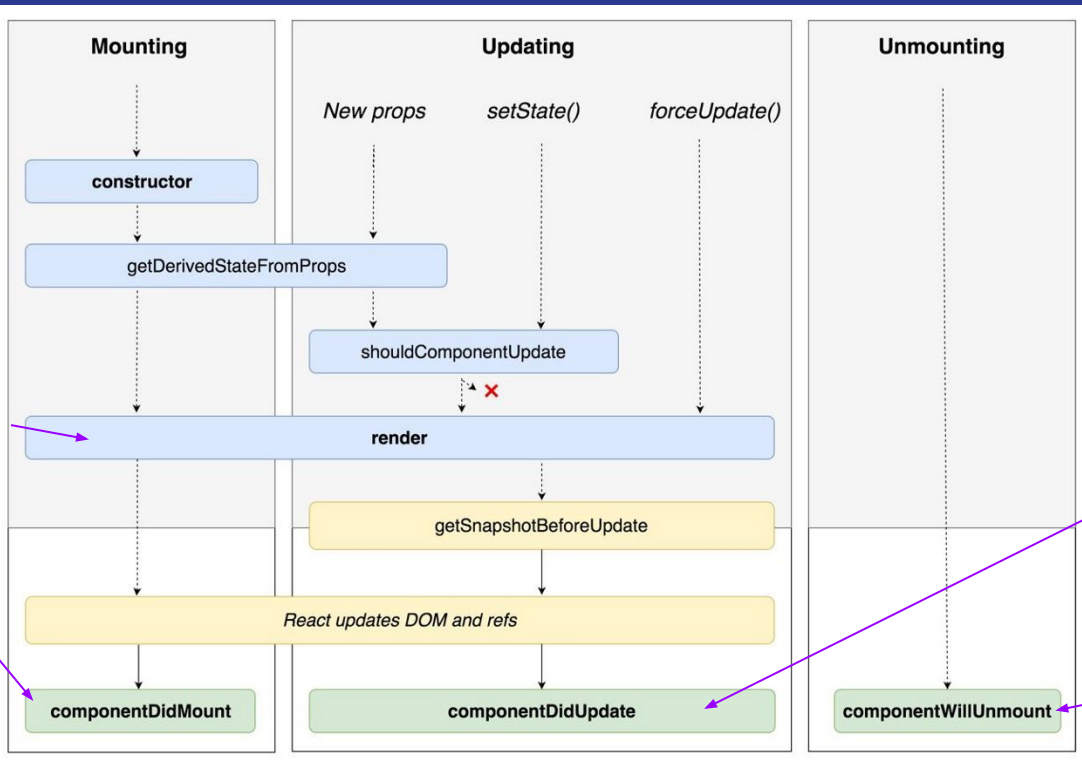
Don't setState here!

“Pre-Commit Phase”

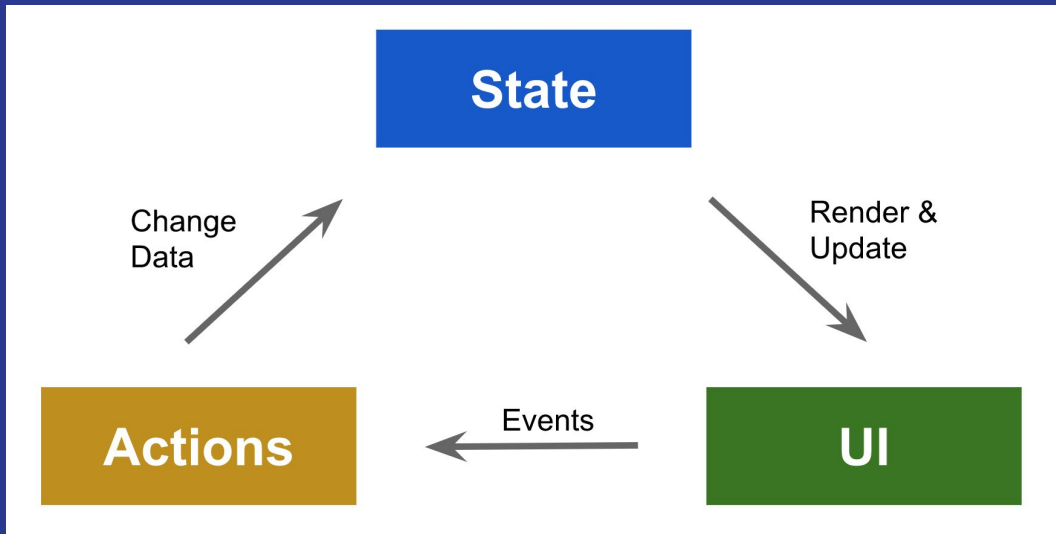
Can read the DOM.
.....Good place for
initial API calls

“Commit Phase”

Can work with DOM,
run side effects,
schedule updates.



State & Events



State Management Tips:

- Don't duplicate state!
 - Each piece of state should have only one owner
 - Single source of truth
- State shared by multiple components, need to have a common ancestor!

"Data Down, Events Up"

Review

- What's the difference between state and props?
- What's the difference between a Class Component and a Functional Component?
- Can you name a few lifecycle methods?

