Sold to
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SEQUENCE OF LIFECYCLE EV

Mounting	Updating			Unmounting
	Component Properties	Component State	Using forceUpdate()	
getDefaultProps()				
getInitialState()				
componentWillMount()				
	componentWillReceiveProps()			
	shouldComponentUpdate()			
	componentWillUpdate()			
render()				
	componentDidUpdate()			
componentDidMount()				
				componentWillUnmount()

SPECIAL PROPS

`key` : Unique identifier for an element to turn arrays/lists into hashes for better performance, e.g., `key={id}`

`ref` : Reference to an element via `this.refs.NAME`, e.g., `ref="email"` will create `this.refs.email` DOM node or `ReactDOM.findDOMNode(this.refs.email)`

`style` : Accept an object of styles, instead of a string (immutable since v0.14), e.g., `style={{color: red}}`

`className` : the HTML `class` attribute, e.g., `className="btn"`

`htmlFor` : the HTML `for` attribute, e.g., `htmlFor="email"`

`dangerouslySetInnerHTML` : raw HTML by providing an object with the key `__html`

`children` : content of the element via `this.props.children`, e.g., `this.props.children[0]`

`data-NAME` : custom attribute, e.g., `data-tooltip-text="..."`

propTypes

Types available under `React.PropTypes` :

`any`
`array`
`bool`
`element`
`func`
`node`
`number`
`object`
`string`

To make required, append `.isRequired`

More methods:

`instanceOf(constructor)`
`oneOf(['News', 'Photos'])`
`oneOfType([propType, propType])`

CUSTOM VALIDATION

```
propTypes: {
  customProp: function(props, propName, componentName) {
    if (!/regExPattern/.test(props[propName])) {
      return new Error('Validation failed!');
    }
```

COMPONENT PROPERTIES AND METHODS

Properties:

`this.refs` : Lists components with a `ref` prop

`this.props` : Any props passed to an element (immutable)

`this.state` : State set by setState and getInitialState (muttable) — avoid setting state manually with `this.state=...`

`this.isMounted` : Flag whether the element has a corresponding DOM node or not

Methods:

`setState(changes)` : Change state (partially) to `this.state` and trigger re-render

`replaceState(newState)` : Replace `this.state` and trigger re-render

`forceUpdate()` : Trigger DOM re-render immediately

REACT ADDONS

As npm modules:

`react-addons-css-transition-group`
`react-addons-perf`
`react-addons-test-utils`
`react-addons-pure-render-mixin`
`react-addons-linked-state-mixin`
`react-addons-clone-with-props`
`react-addons-create-fragment`
`react-addons-css-transition-group`
`react-addons-linked-state-mixin`
`react-addons-pure-render-mixin`
`react-addons-shallow-compare`
`react-addons-transition-group`
`react-addons-update`