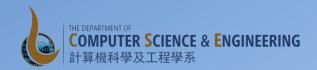
React Components: Lifecycle Methods

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React Component Lifecycle

- React Component goes through the following lifecycle stages:
 - Mounting
 - Updating
 - Unmounting
- Several lifecycle methods available in each stage

Mounting Lifecycle Methods

- Called when an instance of a component is being created and inserted into the DOM:
 - constructor()
 - getDerivedStateFromProps()
 - render()
 - componentDidMount()
- An earlier method now deprecated called componentWillMount()

Updating Lifecycle Methods

- Called when a component is being re-rendered
 - Can be caused by changes to props or state
 - getDerivedStateFromProps()
 - shouldComponentUpdate()
 - render()
 - getSnapshotBeforeUpdate()
 - componentDidUpdate()
- Two methods that are now deprecated: componentWillReceiveProps() and componentWillUpdate()

Unmounting Lifecycle Methods

- Is called when the component is being removed from the DOM:
 - componentWillUnmount()
- Error Handling: called when there is an error during rendering, in a lifecycle method or in the constructor of any child component
 - componentDidCatch()