



WEB TECHNOLOGIES

React.JS – Events

Vinay Joshi

Department of
Computer Science and Engineering

React.JS – Events

Introduction



- React Events are very similar to DOM Events, with some syntax differences
 - React events are named using camelCase, rather than lowercase
 - With JSX you pass a function as the event handler, rather than a string



React.JS – Events

Synthetic Event Object



- The event object passed to the event handlers are SyntheticEvent object, with the following characteristics
 - SyntheticEvent is a wrapper around the DOMEvent object
 - The event handlers are registered at the time of rendering rather than using addEventListener after the element has been created
 - Returning false does not prevent the default browser, use `e.preventDefault()` or `e.stopPropagation()`



React.JS – Events

Synthetic Event Object

- The Synthetic Event Object has the following properties
 - boolean bubbles
 - boolean cancelable
 - DOMEventTarget currentTarget
 - boolean defaultPrevented
 - number eventPhase
 - boolean isTrusted
 - DOMEvent nativeEvent
 - void preventDefault()
 - boolean isDefaultPrevented()
 - void stopPropagation()
 - boolean isPropagationStopped()
 - void persist()
 - DOMEventTarget target
 - number timeStamp
 - string type





THANK YOU

Vinay Joshi

Department of Computer Science and Engineering

vinayj@pes.edu

+91 80 2672 6622