

## **TO WHICH EVENTS CAN YOU LISTEN?**

In the last lecture, we saw that you can react to the `onClick` event - but to which other events can you listen? You can find a list of supported events

here: <https://reactjs.org/docs/events.html#supported-events>

### **Clipboard Events**

Event names:

1. `onCopy onCut onPaste`

Properties:

1. `DOMDataTransfer clipboardData`

### **Composition Events**

Event names:

1. `onCompositionEnd onCompositionStart onCompositionUpdate`

Properties:

1. `string data`

### **Keyboard Events**

Event names:

1. `onKeyDown onKeyPress onKeyUp`

Properties:

1. `boolean altKey`
2. `number charCode`
3. `boolean ctrlKey`
4. `boolean getModifierState(key)`
5. `string key`
6. `number keyCode`
7. `string locale`
8. `number location`
9. `boolean metaKey`
10. `boolean repeat`
11. `boolean shiftKey`
12. `number which`

### **Focus Events**

Event names:

1. `onFocus onBlur`

These focus events work on all elements in the React DOM, not just form elements.

Properties:

1. `DOMEventTarget relatedTarget`

## Form Events

Event names:

1. `onChange onInput onInvalid onSubmit`

For more information about the `onChange` event, see [Forms](#).

## Mouse Events

Event names:

1. `onClick onContextMenu onDoubleClick onDrag onDragEnd onDragEnter onDragExit`
2. `onDragLeave onDragOver onDragStart onDrop onMouseDown onMouseEnter onMouseLeave`
3. `onMouseMove onMouseOut onMouseOver onMouseUp`

The `onMouseEnter` and `onMouseLeave` events propagate from the element being left to the one being entered instead of ordinary bubbling and do not have a capture phase.

Properties:

1. `boolean altKey`
2. `number button`
3. `number buttons`
4. `number clientX`
5. `number clientY`
6. `boolean ctrlKey`
7. `boolean getModifierState(key)`
8. `boolean metaKey`
9. `number pageX`
10. `number pageY`
11. `DOMEventTarget relatedTarget`
12. `number screenX`
13. `number screenY`
14. `boolean shiftKey`

## Selection Events

Event names:

1. `onSelect`

## Touch Events

Event names:

1. onTouchCancel onTouchEnd onTouchMove onTouchStart

### Properties:

1. boolean altKey
2. DOMTouchList changedTouches
3. boolean ctrlKey
4. boolean getModifierState(key)
5. boolean metaKey
6. boolean shiftKey
7. DOMTouchList targetTouches
8. DOMTouchList touches

## UI Events

### Event names:

1. onScroll

### Properties:

1. number detail
2. DOMAbstractView view

## Wheel Events

### Event names:

1. onWheel

### Properties:

1. number deltaMode
2. number deltaX
3. number deltaY
4. number deltaZ

## Media Events

### Event names:

1. onAbort onCanPlay onCanPlayThrough onDurationChange onEmptied onEncrypted
2. onEnded onError onLoadedData onLoadedMetadata onLoadStart onPause onPlay
3. onPlaying onProgress onRateChange onSeeked onSeeking onStalled onSuspend
4. onTimeUpdate onVolumeChange onWaiting

## Image Events

### Event names:

1. onLoad onError

## **Animation Events**

Event names:

1. `onAnimationStart` `onAnimationEnd` `onAnimationIteration`

Properties:

1. `string animationName`
2. `string pseudoElement`
3. `float elapsedTime`

## **Transition Events**

Event names:

1. `onTransitionEnd`

Properties:

1. `string propertyName`
2. `string pseudoElement`
3. `float elapsedTime`

## **Other Events**

Event names:

1. `onToggle`