

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`