1. Intro to Event Listening with jQuery

Richard – course developer at Udacity. Events are automatic responses based on what your users do based when they are on the page. jQuery library for simple events.

1. What are Browser Events?

Ball going through hoop = event, action = get a point. Google Chrome monitorEvents(elementToWatch); Only useful in the console dev tools, not in JS.

1. Quiz: monitorEvents Quiz

<https://developers.google.com/web/tools/chrome-devtools/console/events?hl=en#monitor-events>

Use monitorEvents($0) and unmonitorEvents($0).

mouseout, mouseover, mousemove

1. Anatomy of a jQuery Event Listener

Three things needed to make an event listener with jQuery.

1. The target element to listen to.
2. The event we want to react to.
3. The actions to take in response.
4. Quiz: jQuery Event Listener Order Quiz

$(target element).on(event to listen for, function() {});

<https://api.jquery.com/on/>

1. Quiz: jQuery Event Listener

$("#my-button").on("click", function() {

$("#my-button").remove();

$("body").addClass("success");

});

1. The Event Object

<https://api.jquery.com/category/events/event-object/>

<https://api.jquery.com/event.target/>

<https://www.w3.org/TR/DOM-Level-3-Events/>

//Create a new jQuery.Event object without the "new" operator.

var e = jQuery.Event( "click" );

// trigger an artificial click event

jQuery( "body" ).trigger( e );

1. The Convenience Method

<http://api.jquery.com/category/events/>

Not always available to shorten events, but useful.

1. Quiz: Convenience Methods Quiz

Hover is not the same as on hover.

1. jQuery's multifunctional .on method
2. Event Delegation

<https://learn.jquery.com/events/event-delegation/>

1. Outro

Listen and respond to actions!