jQuery

The goal of jQuery is to make using JavaScript easier.

Syntax:$(selector).action()

Example:$(“p”).hide()

Hide all <p> elements

JQuery Selectors

<https://www.w3schools.com/js/js_jquery_selectors.asp>

There are a few helpful functions to access elements on page:

* document.getElementById("highlight");$(“#highlight”)
* document.getElementsByTagName("p");$(“p”)
* document.getElementsByClassName("container");$(“.container”)
* Using an advanced selector: $(“p.fancy”)

Select all <p> elements with class= “fancy”

jQuery Interaction

let area = document.getElementById("textArea");

area.innerHTML = “<h1>Welcome to the page</h1>

let area = $(“#textArea”);

area.html(‘<h1>Welcome to the page.<h1>”);

let myImage = document.getElementById("profile");

myImage.src = "face.png";

let myImage=$(“#profile”);

myImage.attr(“src”,”face.png”);

let entry = document.getElementById("nameEntry").value;

let entry=$(“#nameEntry”).val();

let area = document.getElementById("navigation");

area.style.backgroundColor = "red";

let area=$(#“navigation”);

area.css(“background-color”, “red”);

$(“.box li”).css(“color”, “blue”);

$(“ul”).css(“border”, “2 px doshed red”);

The Document Ready Event

This event is triggered when the HTML document is finished loading.

$(document).ready(function() {

$(“p”).click(function() {

All the event handless will go in the element ready function

Alert(“hi”);

}

}

jQuery Events (hover = combine of mouse enter and mouse leave)

|  |  |  |  |
| --- | --- | --- | --- |
| Mouse Events | Keyboard Events | Form Events | Document Events |
| click | keypress | submit | load |
| dblclick | keydown | change | resize |
| mouseenter | keyup | focus | scroll |
| mouseleave |  | blur | unload |

Jquery effects:

1. Base
2. Show ()
3. Hide ()
4. Toggle ()
5. Fade
6. Fade in ()
7. Fade out ()
8. Fade toggle ()
9. Slide
10. Slide down ()
11. Slide up ()
12. Slide toggle ()

Inside the () we typically put a time in milliseconds inside the (): (milliseconds, “swing” / “linear”, function())