

jQuery

A lightweight, “write less,do more” javascript library

jQuery Selectors

- All selectors in jQuery start with the dollar sign and parentheses: `$()`

```
<h1 id="title">jQuery</h1>
```

```
document.getElementById("title")
```

```
document.querySelector("h1")
```

```
document.querySelector("h1#title")
```

Using jQuery:

```
$("#title")  
$("h1")  
$("h1#title")
```

jQuery CSS

```
const myTitle = document.getElementById("title");  
myTitle.style.backgroundColor = "red";
```

Using jQuery:

```
$("#title").css("background-color", "red");  
$("#title").addClass("new-class");  
$("#title").attr( "class" , "new-class");
```

jQuery Manipulation

```
<div id="container"></div>
```

```
let parent = document.getElementById("container");  
let newChild = document.createElement("p");  
newChild.innerHTML = "Hello";  
parent.appendChild(newChild);
```

Using jQuery:

```
$("#container").append('<p>Hello</p>');
```

jQuery Events

```
const button = document.getElementById("my-button");
button.addEventListener( "click", function() {
    let myTitle = document.getElementById("title");
    myTitle.style.display = "none";
});
```

Using jQuery:

```
$("#my-button").click( function() {
    $("#title").hide();
});
```

jQuery Effects

Optional



```
$(selector).method(speed,callback);
```

Example of methods:

fadeIn, fadeOut, slideDown, slideUp, toggle

```
$("#title").fadeIn();  
$("#title").fadeIn("slow");  
$("#title").fadeIn(2000); //2 seconds  
$("#title").fadeIn(1000, function(){  
    $("#title").fadeOut(3000);  
});
```