

# jQuery Event Methods

## Web Technologies



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```
<!doctype html>
<html>
  <head>
    <title>
      Web Technologies
    </title>
    <style>
      p {
        color: blue;
      }
    </style>
    <script>
      console.log("client-side");
    </script>
  </head>
  <body>
    <p>
      Welcome!
    </p>
  </body>
</html>
```



# What we will cover

- **jQuery event methods**
  - click ()
  - dblclick ()
- **Even object method and property**
  - preventDefault ()
  - currentTarget
- **FAQs application**

# jQuery Event Methods

- **ready (handler)**
- **click (handler)**  

```
$("#h2").click( () => {  
    alert("This heading has been clicked");  
});
```
- **dblclick (handler)**  

```
$("#h2").dblclick( () => {  
    alert("This heading has been clicked");  
});
```

# A Method of the Event Object

- **preventDefault ()**

```
$("#a").click( evt => {  
    evt.preventDefault();  
});
```

# Property of Event Object

- **currentTarget**

```
$(":text").dblclick ( evt => {  
    evt.currentTarget.value = "";  
});
```

# FAQs Web Application

## jQuery FAQs

### = What is jQuery?

jQuery is a library of the JavaScript functions that you're most likely to need as you develop websites.

### + Why use jQuery?

### + Which is harder to learn: jQuery or JavaScript?

# HTML

```
<body>
  <main id="faqs">
    <h1>jQuery FAQs</h1>
    <h2><a href="#">What is jQuery?</a></h2>
    <div> ...
  </div>
    <h2><a href="#">Why use jQuery?</a></h2>
    <div> ...
  </div>
    <h2><a href="#">Which is harder to learn: jQuery or JavaScript?</a></h2>
    <div> ...
  </div>
  </main>
  <script src="https://code.jquery.com/jquery-3.4.1.slim.min.js"></script>
  <script src="faqs.js"></script>
</body>
</html>
```



# CSS

```
h1 {  
  font-size: 150%;  
}  
h2 {  
  font-size: 120%;  
  padding: .25em 0 .25em 25px;  
  cursor: pointer;  
  background: url(images/plus.png) no-repeat left center;  
}  
h2.minus {  
  background: url(images/minus.png) no-repeat left center;  
}
```

# jQuery and JavaScript

```
"use strict";
$(document).ready( () => {
    $("#faqs h2").click( evt => {
        const h2 = evt.currentTarget;
        $(h2).toggleClass("minus");
        if ($(h2).attr("class") !== "minus") {
            $(h2).next().hide();
        }
        else {
            $(h2).next().show();
        }
        evt.preventDefault();
    });
    $("#faqs").find("a:first").focus();
});
```

# Try It Yourself

In this activity you can practice the new event methods. So,

1. Create the FAQs Web Application using the codes in slide 10-12.