

Lecture-10: Introduction to jQuery and Selectors

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Topics to Be Covered Later:

- Functions
- Arrays
- JSON (JavaScript Object Notation)

JSON is used to convert a text into a string. We use `.stringify` to achieve this conversion.

jQuery:

Syntax: ``$('selector').action()```

There are four types of selectors, but typically, only three are mentioned in interviews:

1. ID Selector
2. Class Selector
3. Element Selector
- 4. Universal Selector (selects all elements)

In the `<head>` section of your HTML, include the jQuery library using the following script tag:

```
<script src="js/jquery-3.6.0.min.js"></script>
```

jQuery Actions:

- ``slideUp``
- ``slideDown``
- ``fadeIn``
- ``fadeOut``

Animate Method:

The ``animate`` method in jQuery takes two parameters:

1. Properties (styles to be animated)
2. Timing (duration of the animation)

Opacity:

Setting the opacity of an element to 0.1 means making it very light in color, and setting it to 1 means making it completely opaque.