

EFFECTS IN JQUERY

In jQuery, effects are animations or visual changes applied to HTML elements. jQuery provides a set of methods to easily apply effects, enhancing the user experience on a webpage. Here are some commonly used jQuery effects:

1. **.hide()** and **.show()** Methods:

Description:

`.hide()`: Hides selected elements.

`.show()`: Displays hidden elements.

Example:

```
$("#myElement").hide(); // Hides the element
```

```
$("#myElement").show(); // Shows the hidden element
```

2. **.toggle()** Method:

Description: Toggles between hiding and showing elements.

Example:

```
$("#myElement").toggle(); // Toggles the visibility of the element
```

3. `.fadeIn()`, `.fadeOut()`, and `.fadeToggle()` Methods:

Description:

`.fadeIn()`: Fades in selected elements.

`.fadeOut()`: Fades out selected elements.

`.fadeToggle()`: Toggles between fading in and fading out.

Example:

```
$("#myElement").fadeIn(); // Fades in the element
```

```
$("#myElement").fadeOut(); // Fades out the element
```

```
$("#myElement").fadeToggle(); // Toggles between fading in and fading out
```

4. `.slideDown()`, `.slideUp()`, and `.slideToggle()` Methods:

Description:

- `.slideDown()`: Slides down selected elements.
- `.slideUp()`: Slides up selected elements.
- `.slideToggle()`: Toggles between sliding down and sliding up.

Example:

```
$("#myElement").slideDown(); // Slides down the element
```

```
$("#myElement").slideUp(); // Slides up the element
```

```
$("#myElement").slideToggle(); // Toggles between sliding down and sliding up
```

5. .animate() Method:

Description: Animates selected elements with custom CSS properties.

Example:

```
$("#myElement").animate({  
    opacity: 0.5,  
    left: "50px",  
    height: "toggle"  
}, 1000); // Animates opacity, left position, and height over 1000  
milliseconds
```

6. .delay() Method:

Description: Sets a delay before the execution of the next item in the queue.

Example:

```
$("#myElement").fadeOut().delay(1000).fadeIn(); // Delays fadeIn after a  
1000 milliseconds delay
```

7. .stop() Method:

Description: Stops the animation currently running on selected elements.

Example:

```
$("#myElement").stop(); // Stops the currently running animation on the  
element
```

These are just a few examples of the many effects provided by jQuery. Combining these effects and using them creatively can add a dynamic and interactive feel to your web pages.