EFFECTS AND ANIMATIONS

Unit 6

INDEX

1- SHOWING AND HIDING ELEMENTS

- show([speed], [callback]): Show the selected elements

- hide([speed], [callback]): Hide the selected elements

- toogle() - toogle([speed], [callback])

- Most functions can take extra parameters to indicate the speed (time that takes de animation in ms or predefinied strings like slow or fast) that the animation and a callback function to run some code when the animation has finished.

2- FADING ELEMENTS

- We can fade elements completely or until a specific grade of opacity.

- fadeIn([speed], [callback]): Show gradually.

- fadeOut([speed], [callback]): Hide gradually

- fadeTo([speed], [opacity], [callback]): show or hide gradually until the grade of opacity specified (0 to 1.0).

3- SLIDING ELEMENTS

- Sliding is one more way to show or hide DOM elements.

- slideDown([speed, callback])

- slideUp([speed, callback])

- slideToogle([speed, callback])

4- CREATE YOUR OWN ANIMATIONS

- animate(parameters, speed, easing, callback)
  - Parameters: properties of the elements to animate (width, height, padding, etc)
  - Speed: duration in ms
  - Easing: easing type (linear or swing)
  - Callback: function to call when the animation fininshes.

- stop() – Stop all the animations running in the selected elements.

4- CREATE YOUR OWN ANIMATIONS

- http://api.jquery.com/animate/

```javascript
$('.caj').on('click',function(){
    $(this).animate({'margin-left':'400px','width':'3px'},2000,function(){
        console.log('estoy ejecutandome');
    })
})
```

5- QUEING

- What would you expect to happen if you were executing the following code?

```
$('#test-subject').animate({left: '+=256'}, 'slow');
$('#test-subject').animate({top: '+=256'}, 'slow');
```

- Run the following code:

```
console.log(1);
$('#test-subject').animate({left: '+=256'}, 'slow');
console.log(2);
```

5- QUEING

■ jQuery is queing up the animations on your behalf.

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