



Cancel Default Actions

Cancel the default action

Fevent object
Created when an event occurs

preventDefault()
Method of the event object
Used to prevent the default action from occurring

```
Cancel Default Actions

<a href="http://www.google.com">click to go to Google</a>

By default goes to Google

<a href="image.jpg" id="link">click to do something</a>

We want to execute JavaScript when we click the link

function showImage(event) {
    // code here;
    event.preventDefault();
 }

document.getElementById('link').onclick = showImage;

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```

```
Image Object
Allows us to access the properties of an image

> Create instance of image object
   var image = new Image();

> Load an image in that object
   image.src = "image_name.jpg";

> Set other properties
   image.alt = "description";
   image.width = "200";
   image.height = "200";
```

```
Preload images

Caches the images for use in slide show etc

function preloadinages O {
    // counter
    var i = 0;
    // create object
    var imageobj = new Image();
    // set image list
    images = new Array();
    images(i) = "image1.jpg"
    images(i) = "image2.jpg"
    images(i) = "image4.jpg"
    images(i) = "image4.jpg"
    // start preloading
    for (i = 0; i < images.length; i++) {
        imageobj.src = images[i];
        alert(images[i]);
    }

    b
```

```
Preload images

Caches the images for use in book application

var links = document.getElementsByTagName("a");
var i, link, image;
for (i = 0; i < links.length; i++) {
    link = links[i];
    image = new Image();
    image.src = link.href;
}

<a href="images/release.jpg">
    <img src="thumbnails/release.jpg" alt=""></a>

Hyperlinked images

Hyperlinked images
```

Timers The window object allows execution of code at specified time intervals set in milliseconds. There are 1000 milliseconds in one second. SetTimeout(function, milliseconds) Executes a function, after waiting a specified number of milliseconds. If the function has not already been executed, you can stop the execution by calling the clearTimeout() method – clearTimeout(timeoutVariable)

```
Timers

setInterval(function, milliseconds)

Same as setTimeout(), but repeats the execution of the function continuously.

The clearInterval() method stops the executions of the function specified in the setInterval() method.

clearInterval(intervalvariable)
```