

8. Module Flash

Adobe Flash is a technology used to create video, animations and other rich content.

Tools: Adobe Flash Professional, Flash Develop, Ajax Animator, Flash Minibuilder, etc...

Adobe Provides a scripting language called **ActionScript** based on ECMA-262 specs and similar to JS.

```
var numArray:Array = ["zero", "one", "two"];  
var link:URLRequest = new URLRequest("http://www.coliseumlab.net");  
navigateToURL( link, "_self" );
```

Flash ActionScript needs to be compiled before execution. The compiled object is in SWF format.

To embed a Flash animation within a web page, you can use an object element with type

`application/x-shockwave-flash`.

Here is an example:

```
<h1>  
    My first animation  
</h1>  
<object type="application/x-shockwave-flash" width="700" height="450">  
    <param name="movie" value="myFirstAnimation.swf"/>  
    <param name="allowScriptAccess" value="never"/>  
    <embed src="myFirstAnimation.swf" width="700" height="450"/>  
</object>
```

AllowScriptAccess attribute to describe the policy for communication between the animation and the parent HTML page.

— **allowScriptAccess** can have three values: —

Always

- The SWF file can always communicate with the HTML page regardless of the domain(SWF can be on a domain A and communicate with domain B).

sameDomain

- The SWF file can communicate with the HTML page only if they share the same domain.

Never

- The SWF file can never communicate with the HTML page