Building Web Pages Using XMLCclRequest

XMLCclRequest is a JavaScript class that works similar to the XmlHttpRequest used by AJAX. It allows sections of a web page to be reloaded with CCL program content without having to refresh the entire page.

Note: To create a XMLCclRequest object, the following META tag must be included in the HEAD of the html file:
<META content='XMLCCLREQUST' name='discern'>

Attributes

readyState

> The state of the XMLCclRequest.

- 0 – Uninitialized
- 1 – Loading
- 2 – Loaded
- 3 – Interactive
- 4 – Completed

repsonseText

> The text of the XMLCclRequest response.

status

> The status code of the XMLCclRequest.

- 200 – Success
- 405 – Method Not Allowed
- 409 – Invalid State
- 492 – Non-Fatal Error
- 493 – Memory Error
- 500 – Internal Server Exception

Methods

open (method , name [, async])

> Initializes a XMLCclRequest.

- method – The HTTP method used by the transaction.
- name – The name of the program to execute.
- async – Indicator whether the operation is asynchronous.

send (params)

> Sends a XMLCclRequest.

- params – The parameters for the program being executed.

Events

onreadystatechange ( )

Indicates that the ready state of the XMLCclRequest has changed.

Example

This example HTML file demonstrates usage of XMLCclRequest. Two programs are being executed at the same time. The first one is asynchronous, and the second one is synchronous.

```html
<html>
<head>
<META content="XMLCCLREQUEST" name="discern"/>
<script type="text/javascript">

   var requestAsync = new XMLCclRequest ();
   var requestSync = new XMLCclRequest ();

   requestAsync.onreadystatechange = function () {
      if (requestAsync.readyState == 4 && requestAsync.status == 200) {
          document.getElementById("element2").innerHTML = "<h1>"+requestAsync.responseText+"</h1>";
      }
   };

   function abc(){
      var dt = new Date();

      requestAsync.open("GET","lvp_get_names:group1");
      requestSync.open("GET","lvp_get_names:group1",0);

      requestAsync.requestBinding = "cpmscript_ipaea1"; // optional
      requestSync.requestBinding = "cpmscript_ipaea2";  // optional

      document.getElementById("element1").innerHTML = "<h1>"+dt.toUTCString()+"</h1>";
      document.getElementById("element2").innerHTML = "<h1>"+dt.toUTCString()+"</h1>";

      requestAsync.send('MINE,~SMITH~');
      requestSync.send('MINE,~PEREZ~');

      if (requestSync.status == 200) {
          document.getElementById("element1").innerHTML = "<h1>"+requestSync.responseText+"</h1>";
      }
   }

</script>
</head>
<body >
<h1>Hello World!</h1><br><a href="javascript:abc()">CLICK ME</a><br>
<div id="element1"></div><br>test<br>
<div id="element2"></div>
</body>
</html>
```