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··· / IServerXMLHTTPRequest/ServerXMLHTTP Examples /

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Using ServerXMLHTTP Directly

Article • 10/27/2016

In this article

Using ServerXMLHTTP to GET XML results from an ASP page Using ServerXMLHTTP to POST XML to an ASP page Using ServerXMLHTTP to POST and Process XML

>

Using the ServerXMLHTTP object directly offers much greater procedural control than that of the setProperty method of DOMDocument. Instead of merely retrieving XML responses from a remote sever, the ServerXMLHTTP object allows developers to use the HTTP methods, GET and POST, as well as the ability to handle basic security logons.

Using ServerXMLHTTP to GET XML results from an ASP page

In the following example, ServerXMLHTTP retrieves an XML response from an ASP page over HTTP. By using GET, the example is able to send a request without actually transferring any data to the Web server.

The responseXML property of the objSrvHTTP object contains the XML response from the Web server. The example program writes this response to the browser's output by first informing the browser that the response to be received is XML ("text/xml"). Next, the program passes the response directly to the Response object for displaying onscreen.

Example

```
Copy
<%@language=JScript%>
  var objSrvHTTP;
  objSrvHTTP = Server.CreateObject ("Msxml2.ServerXMLHTTP.6.0");
  objSrvHTTP.open ("GET","http://someotherserver/respond.asp", false);
  objSrvHTTP.send ();
  Response.ContentType = "text/xml";
```

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```
Response.Write (objSrvHTTP.responseXML.xml);
%>
```

Using ServerXMLHTTP to POST XML to an ASP page

In the following example, ServerXMLHTTP uses HTTP to send XML data to an Active Server Page (ASP) page. Unlike the preceding example that used GET, this example uses POST. The POST method sends data, along with the request, to the Web server.

As in the previous example, the program writes the response to the browser's output by setting the ContentType to "text/xml" and passing the response to the Response object.

Example

Using ServerXMLHTTP to POST and Process XML

In the following example, ServerXMLHTTP sends an XML document to an ASP page on a Web server and passes its XML response to a waiting DOMDocument for processing.

Example

```
位 Copy
<%@language=Jscript%><%</pre>
   var objSrvHTTP;
   var objXMLSend;
   var objXMLReceive;
   objSrvHTTP = Server.CreateObject("Msxml2.ServerXMLHTTP.6.0");
   objXMLSend = Server.CreateObject("Msxml2.DOMDocument.6.0");
   objXMLReceive = Server.CreateObject("Msxml2.DOMDocument.6.0");
   objXMLSend.async = false;
   objXMLSend.loadXML ("<msg><id>2</id></msg>");
   objSrvHTTP.open ("POST", "http://someotherserver/respond.asp", false);
   objSrvHTTP.send (objXMLSend);
   objXMLReceive = objSrvHTTP.responseXML;
   Response.ContentType = "text/xml";
   Response.Write (objXMLReceive.xml);
%>
```

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