

# Shibenv-JSP

Eredeti forrás: [http://shib.kuleuven.be/download/sp/test\\_scripts/shibenv.jsp.txt](http://shib.kuleuven.be/download/sp/test_scripts/shibenv.jsp.txt)

```
<html>
<head>
  <title>Shibboleth Attributes - <% out.println( request.getHeader("host") ); %></title>
  <META HTTP-EQUIV="Pragma" CONTENT="no-cache">
  <META HTTP-EQUIV="Expires" CONTENT="-1">
<script language="JavaScript" type="text/JavaScript">
<!--
function decodeAttributeResponse() {
    var textarea = document.getElementById("attributeResponseArea");
    var base64str = textarea.value;
    var decodedMessage = decode64(base64str);
    textarea.value = tidyXml(decodedMessage);
    textarea.rows = 15;
    document.getElementById("decodeButtonBlock").style.display='none';
}

function tidyXml(xmlMessage) {
    //put newline before closing tags of values inside xml blocks
    xmlMessage = xmlMessage.replace(/([ ^>])</g,"$1\n<");
    //put newline after every tag
    xmlMessage = xmlMessage.replace(/>/g,">\n");
    var xmlMessageArray = xmlMessage.split("\n");
    xmlMessage="";
    var nestedLevel=0;
    for (var n=0; n < xmlMessageArray.length; n++) {
        if ( xmlMessageArray[n].search(/<\//) > -1 ) {
            nestedLevel--;
        }
        for (i=0; i<nestedLevel; i++) {
            xmlMessage+=" ";
        }
        xmlMessage+=xmlMessageArray[n]+"\n";
        if ( xmlMessageArray[n].search(/\/>/) > -1 ) {
```

```

        //level status the same
    }
    else if ( ( xmlMessageArray[< 0 ) && (xmlMessageArray[n](n).search(/<V/)).search(/</) > -1) ) {
        //only increment if this was a tag, not if it is a value
        nestedLevel++;
    }
}
return xmlMessage;
}

```

```

var base64Key = "ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/=";

```

```

function decode64(encodedString) {
    var decodedMessage = "";
    var char1, char2, char3;
    var enc1, enc2, enc3, enc4;
    var i = 0;

    //remove all characters that are not A-Z, a-z, 0-9, +, /, or =
    encodedString = encodedString.replace(/[^A-Za-z0-9\+\=\]/g, "");
    do {
        enc1 = base64Key.indexOf(encodedString.charAt(i++));
        enc2 = base64Key.indexOf(encodedString.charAt(i++));
        enc3 = base64Key.indexOf(encodedString.charAt(i++));
        enc4 = base64Key.indexOf(encodedString.charAt(i++));

        char1 = (enc1 << 2) | (enc2 >> 4);
        char2 = ((enc2 & 15) << 4) | (enc3 >> 2);
        char3 = ((enc3 & 3) << 6) | enc4;

        decodedMessage = decodedMessage + String.fromCharCode(char1);
        if (enc3 != 64) {
            decodedMessage = decodedMessage + String.fromCharCode(char2);
        }
        if (enc4 != 64) {
            decodedMessage = decodedMessage + String.fromCharCode(char3);
        }
    } while (i < encodedString.length);
    return decodedMessage;
}
// -->
</script>

```

</head>

<body>

<u><b>-all SHIB headers-</b></u> ( `HTTP\_SHIB\_ATTRIBUTES` and `Shib-Attributes` are not shown in this list)<br/>

<table>

<%

```
java.util.Enumeration eHeaders = request.getHeaderNames();
```

```
while(eHeaders.hasMoreElements()) {
```

```
    String name = (String) eHeaders.nextElement();
```

```
    if ( ( name.matches(".*Shib.*") || name.matches(".*shib.*") ) && !name.equals("HTTP_SHIB_ATTRIBUTES")
&& !name.equals("Shib-Attributes")) {
```

```
        Object object = request.getHeader(name);
```

```
        String value = object.toString();
```

```
        out.println("<tr><td>" + name + "</td><td>" + value+"</td></tr>");
```

```
    }
```

```
}
```

%>

</table>

<br/>

attribute response from the IdP ( `Shib-Attributes` or `HTTP\_SHIB\_ATTRIBUTES`):<br/>

<textarea id="attributeResponseArea" onclick="select()" rows="1" cols="130"><%

```
    String attributesString=null;
```

```
    if ( request.getHeader("Shib-Attributes")!=null ) attributesString=request.getHeader("Shib-Attributes");
```

```
    else if ( request.getHeader("HTTP_SHIB_ATTRIBUTES")!=null )
```

```
attributesString=request.getHeader("HTTP_SHIB_ATTRIBUTES");
```

```
    out.println( attributesString );
```

%></textarea><br/>

<span id="decodeButtonBlock">

<input type="button" id="decodeButton" value="decode base64 encoded attribute response using JavaScript" onclick="decodeAttributeResponse();"><br/></span>

<br/>

<hr/>

<br/>

```
<%
    out.print("request.getRemoteUser: "+request.getRemoteUser()+"<br/>");
    out.print("REMOTE_USER: "+request.getHeader("REMOTE_USER")+"<br/>" );
    out.print("HTTP_REMOTE_USER: "+request.getHeader("HTTP_REMOTE_USER")+"<br/>" );
%>
```

<br/>

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<br/>

<u>REQUEST PARAMETERS (GET/POST)</u><br/>

<table>

<%

```
java.util.Enumeration eParameters = request.getParameterNames();
while(eParameters.hasMoreElements()) {
    String name = (String) eParameters.nextElement();
    Object object = request.getParameter(name);
    String value = object.toString();
    out.println("<tr><td>" + name + "</td><td>" + value+"</td></tr>");
}
```

%>

</table>

<br/>

<hr/>

<br/>

<u>ALL HEADERS</u><br/>

<table>

<%

```
// already initiated at top of script
// java.util.Enumeration eHeaders = request.getHeaderNames();
// reset to beginning of Enumeration
eHeaders = request.getHeaderNames();
while( eHeaders.hasMoreElements() ) {
    String name = (String) eHeaders.nextElement();
```

```

Object object = request.getHeader(name);
String value = object.toString();
out.println("<tr><td>" + name + "</td><td>" + value+"</td></tr>");
}
%>
</table>

<br/>
<hr/>
<br/>

<u>SESSION</u><br/>
<table>
<%
out.println("SESSION_ID: "+session.getId()+"<br/>");

java.util.Enumeration eSession = session.getAttributeNames() ;
while(eSession.hasMoreElements()) {
    String name = (String) eSession.nextElement();
    Object object = session.getAttribute(name);
    String value = object.toString();
    out.println("<tr><td>" + name + "</td><td>" + value+"</td></tr>");
}
%>
</table>

<br/>
<hr/>
<br/>

</body>
</html>

```