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Integrated Capture Points Guide

Apache CXF—Javascript Client

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Apache CXF—Javascript Client

This page provides an example of generating a Javascript client using the Apache CXFwsdl2js tool. See the [list of tools](#) used to generate clients in this document. You can also [generate a Java client in Apache CXF](#).

To generate a Javascript client using the Apache CXFwsdl2js tool:

```
wsdl2js -d <output directory> <WSDL URL>
```

For example:

```
wsdl2js -d c:\Temp\MyJSCClient
http://zoollander.us.int.genesyslab.com:10080/Genesys/Interaction/WSCP_812_zoo/
WebServiceCapturePoint?wsdl
```

The tool generates a single file that contains a proxy that can send requests to the service and receive replies asynchronously. You must also include the `cxf-util.js` file, which is part of Apache CXF.

The sample below does not require anything beyond HTML and Javascript (`wscp.js` is the file generated by `wsdl2js`):

```
<html>
<head>
<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.7.1/
jquery.min.js"></script>
<script type="text/javascript" src="cxf-utils.js"></script>
<script type="text/javascript" src="wscp.js"></script>

<script language="JavaScript" type="text/javascript">

var gCounter = 0;

function print_list(list, indent)
{
    var r = '';

    for(var i=0; i < list._kvitem.length; ++i)
    {
        r += indent;

        var pair = list._kvitem[i];
        r += pair._key;
        if( pair._value._ValueString )
        {
            r += " [str] = ";
            r += pair._value._ValueString;
            r += " ";
            r += "<br>";
        }
        else if( pair._value._ValueInt )
        {
            r += " [int] = ";
            r += pair._value._ValueInt;
            r += "<br>";
        }
    }
}
```

```

        else
        {
            r += " [list] = ";
            if( pair._value._ValueList )
            {
                r += "<br>";
                r += print_list(pair._value._ValueList, indent + "....");
            }
            else
            {
                r += " EMPTY";
                r += "<br>";
            }
        }
    }
    return r;
}
function test()
{
    var svc = new _iWebServiceCapturePoint();
    svc.url = 'http://zoolander.us.int.genesyslab.com:10080/Genesys/Interaction/WSCP_812_zoo/
WebServiceCapturePoint';

    var extension = new _KVList();
    var items = new Array();

    var signature = new _KVPair();
    signature.setKey("signature");
    var signature_value = new _KVPairValue();
    signature_value.setValueString("JavaScript client generated with CXF");
    signature.setValue(signature_value);

    var counter = new _KVPair();
    counter.setKey("Request count");
    var counter_value = new _KVPairValue();
    counter_value.setValueInt(++gCounter);
    counter.setValue(counter_value);
    items.push(signature);
    items.push(counter);
    extension.setKvitem(items);

    svc.Ping(
        function(response)
        {
            var r = "Response timestamp: " + response.getEventTime() + ", ping info:<br>";
            r += print_list(response.getPingInfo(), "");
            $("#response_text").html(r);
        },
        function(status, statusText)
        {
            $("#response_text").html("Response failed: (" + status + ") " + statusText);
        },
        extension
    );
}
</script>
</head>
<body>
<p>Press the button to call the service...</p>
<p><input value="Ping the service" type="button" onclick="test()"/></p>
<p><div id="response_text"></div></p>
</body>

```

</html>