

RE: Soap Response

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices/2004-12/0135.html>

From: Dan Rogers (*danro_at_microsoft.com*)

Date: 12/03/04

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Try refreshing the proxy. When you see a null response coming back, it often means that the serializer did not see the right content that it expected on the wire.

Regards

Dan Rogers
Microsoft Corporation

Thread-Topic: Soap Response
thread-index: AcTHdLDViDg9mhfyRkuSypob6ADBaA==
X-WBNR-Posting-Host: 210.55.201.197
From: "=?Utf-8?B?Sml0IFByYXNhZA==?=" <JitPrasad@discussions.microsoft.com>
References: <596D72F5-4148-4DFD-83E6-B308F433F7EA@microsoft.com>
Subject: RE: Soap Response
Date: Wed, 10 Nov 2004 14:29:07 -0800
Lines: 170
Message-ID: <F733DE2F-B20E-4D85-A99A-3723EA4DC09A@microsoft.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Utf-8"
Content-Transfer-Encoding: 7bit
X-Newsreader: Microsoft CDO for Windows 2000
Content-Class: urn:content-classes:message
Importance: normal
Priority: normal
X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.0
Newsgroups: microsoft.public.dotnet.framework.webservices
NNTP-Posting-Host: TK2MSFTNGXA03.phx.gbl 10.40.1.29
Path: cpmsftngxa10.phx.gbl!TK2MSFTNGXA03.phx.gbl
Xref: cpmsftngxa10.phx.gbl
microsoft.public.dotnet.framework.webservices:7359
X-Tomcat-NG: microsoft.public.dotnet.framework.webservices

Further to my earlier email....

The response (results()) is null when the method call returns from the webservice as per the following code in the proxy class:

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Dim results() As Object = Me.Invoke("process3ParmRequest", New Object() {inputHeader, messageControlPayload, inputMessage})

The results of the immediate window are:

?results(0)

Nothing

..Jit.

"Jit Prasad" wrote:

> *I have been consuming a IBM Websphere (Java) web service using .Net 1.0 front end written in VB.NET. The proxy class submits a soap request and gets a response.*

> *When I migrated the front-end to .NET1.1, the response from the web service appears as null in the proxy class. This only happens with .NET1.1, NET1.0 is ok and works fine. I have played around with the System.Web.Services.Protocols.SoapDocumentMethodAttribute, but no luck. I regenerated the proxy class using WSDL.exe v1.1 – it generated the same proxy as per .NET1.0.*

> *Could you please advise whether I need to change some other settings, and also why the problem only occurs in .NET1.1.*

> *Find attached the wsdl file and the proxy class.*

> ...Jit.

>

> WSDL.....

```
> <definitions xmlns:http="http://schemas.xmlsoap.org/wsdl/http/"
> xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
> xmlns:s="http://www.w3.org/2001/XMLSchema" xmlns:s0="urn:ServiceRequest"
> xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
> xmlns:tm="http://microsoft.com/wsdl/mime/textMatching/"
> xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/"
> xmlns="http://schemas.xmlsoap.org/wsdl/"
targetNamespace="urn:ServiceRequest">
> <types>
> <s:schema elementFormDefault="qualified"
> targetNamespace="urn:ServiceRequest">
> <s:complexType name="process3ParmRequest">
> <s:sequence>
> <s:element minOccurs="0" maxOccurs="1" name="inputHeader"
> type="s:string"/>
> <s:element minOccurs="0" maxOccurs="1" name="messageControlPayload"
> type="s:string"/>
> <s:element minOccurs="0" maxOccurs="1" name="inputMessage"
> type="s:string"/>
> </s:sequence>
```

```

> </s:complexType>
> <s:complexType name="process3ParmRequestResponse">
> <s:sequence>
> <s:element minOccurs="0" maxOccurs="1"
name="process3ParmRequestResult"
> type="s:string"/>
> </s:sequence>
> </s:complexType>
> <s:element name="string" nillable="true" type="s:string"/>
> </s:schema>
> </types>
> <message name="process3ParmRequestSoapIn">
> <part name="parameters" type="s0:process3ParmRequest"/>
> </message>
> <message name="process3ParmRequestSoapOut">
> <part name="parameters" type="s0:process3ParmRequestResponse"/>
> </message>
> <portType name="GTPSRouterServiceSoap">
> <operation name="process3ParmRequest">
> <input message="s0:process3ParmRequestSoapIn"/>
> <output message="s0:process3ParmRequestSoapOut"/>
> </operation>
> </portType>
> <binding name="GTPSRouterServiceSoap" type="s0:GTPSRouterServiceSoap">
> <soap:binding style="document"
> transport="http://schemas.xmlsoap.org/soap/http"/>
> <operation name="process3ParmRequest">
> <soap:operation soapAction="urn:ServiceRequest/process3ParmRequest"
> style="document"/>
> <input>
> <soap:body use="encoded"
> encodingStyle="http://schemas.xmlsoap.org/soap/encoding"/>
> </input>
> <output>
> <soap:body use="encoded"
> encodingStyle="http://schemas.xmlsoap.org/soap/encoding"/>
> </output>
> </operation>
> </binding>
> <service name="GTPSRouterService">
> <port name="GTPSRouterServiceSoap" binding="s0:GTPSRouterServiceSoap">
> <soap:address
> location="http://localhost/GTPSRRRWebService/GTPSRouterService.asmx"/>
> </port>
> </service>
> </definitions>
>
> Proxy Class...
>
'-----

```

microsoft.public.dotnet.framework.webservices: RE: Soap Response

```
---
> ' <autogenerated>
> '     This code was generated by a tool.
> '     Runtime Version: 1.0.3705.0
> '
> '     Changes to this file may cause incorrect behavior and will be lost
if
> '     the code is regenerated.
> ' </autogenerated>
>
'-----
---
>
> Option Strict Off
> Option Explicit On
>
> Imports System
> Imports System.ComponentModel
> Imports System.Diagnostics
> Imports System.Web.Services
> Imports System.Web.Services.Protocols
> Imports System.Xml.Serialization
>
> '
> 'This source code was auto-generated by wsdl, Version=1.0.3705.0.
> '
>
> '<remarks/>
> <System.Diagnostics.DebuggerStepThroughAttribute(), _
>   System.ComponentModel.DesignerCategoryAttribute("code"), _
>
>
System.Web.Services.WebServiceBindingAttribute(Name:="GTPSRouterServiceSoap"
'
> [Namespace]:="urn:ServiceRequest"> _
> Public Class GTPSRouterService
>     Inherits System.Web.Services.Protocols.SoapHttpClientProtocol
>
>     '<remarks/>
>     Public Sub New()
>         MyBase.New
>         Me.Url =
"<u>http://localhost/GTPSRWebService/GTPSRouterService.asmx"
>     End Sub
>
>     '<remarks/>
>
>
<System.Web.Services.Protocols.SoapDocumentMethodAttribute("urn:ServiceReque
st/process3ParmRequest", _
>
> RequestNamespace:="urn:ServiceRequest", _
>
> ResponseNamespace:="urn:ServiceRequest", _
>
> Use:=System.Web.Services.Description.SoapBindingUse.Encoded, _
>
>
ParameterStyle:=System.Web.Services.Protocols.SoapParameterStyle.Wrapped)> _
>     Public Function process3ParmRequest(ByVal inputHeader As String,
ByVal
> messageControlPayload As String, ByVal inputMessage As String) As String
```

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```
>         Dim results() As Object = Me.Invoke("process3ParmRequest", New
> Object() {inputHeader, messageControlPayload, inputMessage})
>         Return CType(results(0), String)
>     End Function
>
>     '<remarks/>
>     Public Function Beginprocess3ParmRequest(ByVal inputHeader As String,
> ByVal messageControlPayload As String, ByVal inputMessage As String,
ByVal
> callback As System.AsyncCallback, ByVal asyncState As Object) As
> System.IAsyncResult
>         Return Me.BeginInvoke("process3ParmRequest", New Object()
> {inputHeader, messageControlPayload, inputMessage}, callback, asyncState)
>     End Function
>
>     '<remarks/>
>     Public Function Endprocess3ParmRequest(ByVal asyncResult As
> System.IAsyncResult) As String
>         Dim results() As Object = Me.EndInvoke(asyncResult)
>         Return CType(results(0), String)
>     End Function
> End Class
>
>
```