

Re: Returing Exception Message – ExceptionService.zip (0/1)

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices/2005-11/msg00099.htm>

- *From:* Marvin Smit <marvin.smit@xxxxxxxxx>
 - *Date:* Mon, 14 Nov 2005 12:29:25 +0100
-

Hi,

attached is a zip with 2 source codes.

– ExceptionWebService

Implements a simple webservice with 2 methods; Divide & DivideWithDetails.

The first 'just tries to execute the divide of the operants comming in' and the latter checks for a division by 0, if found it produces a custom message for the SOAP exception thrown.

– ExcpetionServicecClient

Implements a simple WinForm that calls either of the two methods and shows the results of the call.

Hope this helps,

Marvin Smit.

On Mon, 14 Nov 2005 02:19:06 –0800, "WhiskyRomeo" <WhiskyRomeo@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

>can you provide a short example of this or a link to a document?

>

>"Marvin Smit" wrote:

>

>> Hi,

>>

>> yes.. that is correct. That will give you the general soap fault. You

>> can however make it more explicit by throwing a "SoapException"

>> yourself and fill in more details.

>>

>> Hope this helps,

>>

>> Marvin Smit.

Re: Returning Exception Message – ExceptionService.zip (0/1)

>>
>> On Mon, 14 Nov 2005 01:51:09 -0800, "WhiskyRomeo"
>> <WhiskyRomeo@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:
>>
>> >I am using Visual Studio and I implemented my webservice through Visual Studio.
>> >
>> >Are you saying rather than catching the exception in the webservice, simply
>> >throw the exception and catch it in the windows client?
>> >
>> >Bill
>> >
>> >"Marvin Smit" wrote:
>> >
>> >> Hi,
>> >>
>> >> If you are using MS Visual Studio and implement your Webservice, you
>> >> can just "throw exceptions". The Webservice framework will translate
>> >> these into SOAP faults and transmit them over the wire. The client
>> >> will recognize this SOAP fault, and throw the exception on the client
>> >> side.
>> >>
>> >> Hope this helps,
>> >>
>> >> Marvin Smit.
>> >>
>> >> On Fri, 11 Nov 2005 07:37:02 -0800, "WhiskyRomeo"
>> >> <WhiskyRomeo@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:
>> >>
>> >> >Again, how? I do not understand how you return any type of error message
>> >> >from the web service to the windows client.
>> >> >
>> >> >WR
>> >> >
>> >> >"CG" wrote:
>> >> >
>> >> >> Main reason of using Webservice is simplicity, reusability etc.
>> >> >>
>> >> >> My recommendation would be to send a generic error message for any type of
>> >> >> error you get at server (Web Service) side. So, that implementation is easy
>> >> >> for clients.
>> >> >>
>> >> >> "WhiskyRomeo" wrote:
>> >> >>
>> >> >> > I have no idea what that means. I simply want the exception to be handled in
>> >> >> > client. All I need is for the exception handling routine to behave like it
>> >> >> > would if one sub called another sub on the client. There you can handle the
>> >> >> > exception in the called sub or calling sub. Why doesn't this work the same
>> >> >> > way?
>> >> >> >
>> >> >> > WR
>> >> >> >

Re: Returing Exception Message – ExceptionService.zip (0/1)

>>>>> "Manoj G [MVP]" wrote:
>>>>>
>>>>>> You may want to return a SOAP fault message, by means of throwing an
>>>>>> SoapException from your web service. You can catch the SoapException on the
>>>>>> proxy side & check the properties to see the reason for the failure.
>>>>>>
>>>>>> —
>>>>>> HTH,
>>>>>> Manoj G
>>>>>> MVP, Visual Developer
>>>>>> <http://msmvps.com/manoj>
>>>>>>
>>>>>> "WhiskyRomeo" <WhiskyRomeo@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>>>>>> news:DD3FD9FE-19B7-4131-A406-911536EDF8D0@xxxxxxxxxxxxxxxxxxxx
>>>>>> >I have webservices functions that return datasets. If a database errors
>>>>>> > happens, try catch statements can be used in the webservice to detect and
>>>>>> > handle them.
>>>>>>>
>>>>>>> > However, how do I return that message to the client windows application
>>>>>>> > that
>>>>>>> > called that webservice function? I am using version 1.1 of the framework.
>>>>>>>>
>>>>>>>> > WR
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>
>>

• **References:**

- ◆ **[Re: Returing Exception Message](#)**
 ◇ From: Marvin Smit
- ◆ **[Re: Returing Exception Message](#)**
 ◇ From: WhiskyRomeo

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