

Re: Problem with Exception Handling using Web Services

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices/2005-01/0239.html>

From: Adrian Burka (*adrian_at_pliner.com*)

Date: 01/13/05

Date: Thu, 13 Jan 2005 17:06:53 -0500

Dilip,

There are actually 2 methods being called here:

```
/* Check the password to ensure it's correct */
private void checkPassword(string password)
{
    if (password != kPASSWORD)
    {
        throw new Exception("Invalid password");
    }
}
```

```
/* Check the password first, and if it's ok, return an array of question IDs
for this session */
[WebMethod]
public int[] getQuestionArray(string password, string sessionID)
{
    checkPassword(password);
    // does whatever else it has to do; it never makes it past this line
when the wrong password is supplied
}
```

The Exception is definitely thrown, but when I run it in a web browser it just returns "Invalid password" as text; no headers or anything like that. I'm sure it sends the same data to my application... and since it's expecting content-type text/xml, naturally I get my error.

I have also tried throwing a SoapException, following the MSDN example:

<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/cpref/html/frlrfSystemWebServicesProtocolsSoapEx>

... but that yielded the exact same results, plain text output without headers or XML formatting. The same thing happens if I throw an Exception -- or a SoapException -- directly from the getQuestionArray() WebMethod (as opposed to throwing it from the private checkPassword() method.)

Dilip, thanks for taking a look — here's hoping you have some insight!

Regards,
Adrian

"Dilip Krishnan" <dkrishnan@NOSPAM.geniant.com> wrote in message
news:150723632412280431277920@msnews.microsoft.com...

> Hello Adrian,

>

> Could you post the method?

> HTH

> Regards,

> Dilip Krishnan

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> <http://www.geniant.com>

>

>> HELP! I have written a web service, and a program in C# using

>> Microsoft Visual C#.NET to interact with the web service. Exception

>> handling isn't working in my application, though.

>>

>> One function that is called checks to see if a password is correct,

>> and if it's not, it throws an exception with the message "Invalid

>> password".

>>

>> I have exception-handling code in my application, but it doesn't catch

>> the error I'm expecting. Instead, it catches the following exception:

>>

>> System.InvalidOperationException: Client found response content type

>> of ", but expected 'text/xml'.

>>

>> When I access the web service through a browser and execute the

>> function, it returns the text "Invalid password" and that's it; it

>> doesn't appear to be wrapped in any sort of XML/SOAP exception-type

>> object.

>>

>> So, apparently, I'm not receiving an object, just a string of text. I

>> can't figure out how to properly catch an exception, nor can I figure

>> out how to access that text. Any ideas on how to fix this the correct

>> way or, if not the correct way, at least how to access the error text

>> that is returned so that when I see "System.InvalidOperationException:

>> Client found response content type of ", but expected 'text/xml'"

>> I'll know it's an error and will be able to process the text (and

>> therefore the error)?

>>

>> Thanks in advance to anyone who knows the answer...!

>>

>> ---

>> Adrian Burka

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microsoft.public.dotnet.framework.webservices: Re: Problem with Exception Handling using Web Services

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