

RE: SoapExtension and NetworkStream

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices/2007-07/msg00074.htm>

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 - *Date:* Fri, 20 Jul 2007 08:32:05 -0700
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Manish,

Thanks for the response. I went to the websites you provided and these do seem like good monitoring tools. Unfortunately, I am not looking for a monitoring tool. I am looking at a way to show progress to an end user about the rate data is being transferred over the network. I am also trying to show percentage of completion of the data being sent across the network. I have provided a link below which explains exactly what I am trying to do. Unfortunately, the stream I am able to intercept with the SoapExtension is too late in the deserialization process because it is already a memory stream by that point. I am trying to find out how to intercept the stream earlier in the deserialization process. I am doing all of my processing in the BeforeDeserialization stage.

http://www.codeproject.com/useritems/Soap_Extension_Progress.asp

Thanks,
Evans

"Manish Bafna" wrote:

Hi,

If you want to monitor the progress of data being sent over wire in web services then I think tcptrace or fiddler tool is more appropriate:

[1] <http://www.fiddlertool.com/fiddler/>

[2] <http://pocketsoap.com/tcptrace/>

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Hope this helps.

Thanks and Regards.

Manish Bafna.

MCP and MCTS.

RE: SoapExtension and NetworkStream

"CEvans" wrote:

My Environment

* Windows XP

* .NET 2.0

* Visual Studio 2005

I have written a SoapExtension in c# on a windows XP machine. The purpose of this extension is to monitor progress for data being transfered over the wire. I have a web service that exposes one method. All this method does is return a byte array of 5 megs. When I call the service I receive all 5 megs, but my SoapException is not called until all 5 megs have been transfered over

the wire. I am succesfully getting the extension to launch, but by the time it calls the ChainStream for the deserialization process, the Stream being passed in is a MemoryStream and not a NetworkStream. I am loading the SoapExtension through my app.config file with the lines below.

```
<system.web>
<webServices>
<soapExtensionTypes>
<add
type="WSProgressTest.SoopProgressExtension, WSProgressTest"
priority="0"
group="High" />
</soapExtensionTypes>
</webServices>
</system.web>
```

From what I understand, a priority of 0 and a group level of "High" should make my SoapExtension be the first Extention to be called. I would like to know if there is a way to read from a NetworkStream so I can monitor the rate at which I am transfering data over the network.

Any insight is appreciated. Please let me know if there is some additional info that owuld make this question simpler to understand/answer.

Thanks