

Re: Progress bar for web service?

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices/2008-03/msg00024.htm>

- *From:* Bradley Plett <plettb@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 06 Mar 2008 00:27:35 -0700
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Sadly, that's the same conclusion I came to, but I keep hoping someone else will figure out a good way to do this. Specifically, I was hoping for exactly what you mention: some way of "monitoring the underlying network transfer status". Oh, well, maybe in 4.0! :-)

Thanks anyway!
Brad.

On Thu, 06 Mar 2008 03:28:02 GMT, stcheng@xxxxxxxxxxxxxxxxxxxxxx ("Steven Cheng") wrote:

Hi Brad,

From your description, you have some large objects that will be transferred

in WCF service, and you're wondering how to monitor the transfer progress of such strong-typed objects without using streaming based transfer model, correct?

Based on my research, I'm afraid it is not quite supported to get the transfer status of such strong-type objects in WCF. This is because without using the streaming model, the only means to detect such transfer status is through monitoring the underlying network transfer status. However, this is not exposed(encapsulated internally) in WCF network stack, so far I haven't found any good interface to inject into it. Therefore, my suggestion is that you should still consider the streaming + serialization approach.

Sincerely,

Steven Cheng

Microsoft MSDN Online Support Lead

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From: Bradley Plett <plettb@xxxxxxxxxxxxxxxxxxxx>
Subject: Progress bar for web service?
Date: Wed, 05 Mar 2008 12:12:16 -0700
Message-ID: <1hrts3tm5obuojvf3mcc0ef0tvgne9qbnq@xxxxxxx>

I am aware that showing progress for file transfers is relatively easy with WCF since it can be done using a stream (see http://www.codeproject.com/KB/WCF/WCF_FileTransfer_Progress.aspx for a good example). However, I would like to show progress for a strongly typed object. Is there an easy way to do that? I realize I could do this using a stream as well, but I would need to handle the serialization/deserialization myself in this case.

I would think there should be a way of hooking into events at a lower level than the object transfer, but I certainly don't have a clue how!

As an example, I'd like to call the following method asynchronously and then provide status updates:

```
[WebMethod()]  
public myBigObject MyCrazyMethod()
```

Any help would be appreciated.

Thanks!

Re: Progress bar for web service?

Brad.