

Re: Progress bar for web service?

## Re: Progress bar for web service?

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices/2008-03/msg00032.htm>

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- *From:* Bradley Plett <plettb@xxxxxxxxxxxxxxxxxxxx>
  - *Date:* Thu, 06 Mar 2008 22:11:28 -0700
- 

Done!

<https://connect.microsoft.com/VisualStudio/feedback/ViewFeedback.aspx?FeedbackID=331980>

Thanks for your interest.  
Brad.

On Fri, 07 Mar 2008 00:59:28 GMT, stcheng@xxxxxxxxxxxxxxxxxxxxxx  
("Steven Cheng") wrote:

Thanks for the reply Brad,

Yes, it's a pity that the current version can not smoothly handle such requirement. However, I agree that it would be a nice idea to add more flexible support on such features. Really recommend you submit this as feature request on our product feedback site:

<http://connect.microsoft.com/feedback/default.aspx?SiteID=210>

Best regards,

Steven Cheng  
Microsoft MSDN Online Support Lead

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can improve the support we provide to you. Please feel free to let my manager know what you think of

the level of service provided. You can send feedback directly to my manager at: msdnmg@xxxxxxxxxxxxxxxxxxxx

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From: Bradley Plett <plettb@xxxxxxxxxxxxxxxxxxxx>

Re: Progress bar for web service?

Subject: Re: Progress bar for web service?

Date: Thu, 06 Mar 2008 00:27:35 -0700

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@xxxxxxxxxxxxxxxxxxxxxxxxx ("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@xxxxxxxxxxxxxxxx>  
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](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

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and then provide status updates:

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

Any help would be appreciated.

Thanks!  
Brad.