

Re: Long-running ASP page using ServerXMLHTTP...

Source:

<http://www.tech-archive.net/Archive/Internet-Server/microsoft.public.inetserver.asp.db/2004-03/0215.html>

From: J. Baute (*WUPYRDEDAWJD_at_spammotel.com*)

Date: 03/08/04

Date: Mon, 8 Mar 2004 17:22:46 +0100

Are you sure that ALL page requests are being blocked when this page is running?

If you are using Sessions it's normal that all requests for a single session are serialised. So if you test from your own machine with 2 browser windows sharing the same session it's normal you won't see anything happening in the second window as long as the first window hasn't loaded.

It's not normal however that your complete site would be put on hold simply because someone is requesting a slow page, unless there is something else which causes your application to run in a single thread (like COM objects in application object or something).

However, whatever the problem is, I would try caching that external page anyway, either to memory or to your webservers disk.

Instead of putting the user on hold for 30 seconds you could read the XML data from the cached file, which will be a lot faster, and update it after a certain interval (eg. 15 or 30 min). It depends on how fast the data changes of course, but even if it would be only as short as 1 minute, you would still be able to get some better performance.

Updating the cache itself can be done from your ASP page itself, pretty much how you do it now, or from a separate piece of software (a VB exe, or simpler, a small VBScript script running in the NT scheduler).

The separate exe/script would IMO be the best choice, because your webuser will in that situation never have to wait the 30 seconds it takes to fetch the page from the slow, external site, which will make the actual page seem blindingly fast.

hope this helps,

J.

"Barry Lloyd" <none> wrote in message
news:#5nkB5QBEHA.640@TK2MSFTNGP09.phx.gbl...

> *Hi all,*
> *Ok, Im sure this has been covered a million times before but Ive tried*
> *searching and cant find anything that deals with the exact problem Im*
> *having.*
> *I have an ASP page that uses the MSXML2.ServerXMLHTTP object to retrieve*
> *data from a 3rd party. The code in my page is as follows...*
>
> *****ASP (VBScript) CODE*****
> *Set obj=Server.CreateObject("MSXML2.ServerXMLHTTP")*
>
> *sURL='http://www.somewhere.com/test.asp'*
>
> *With obj*
> *.Open "GET", sURL, True*
> *.Send*
>
> *Do Until .readyState=4*
> *.waitForResponse 1000*
> *Loop*
>
> *sRetVal=.responseXML.xml*
> *End With*
> *******
>
> *Ok, this works fine (obviously the URL is different), but takes up to 30*
> *seconds to execute due to slow response from the 3rd party which we have*
no
> *control over. The time delay in itself is not an issue...however while*
this
> *script is running any other requests for ASP pages are 'queued' behind it.*
> *So no other ASP pages execute until after this script has finished (up to*
30
> *seconds)*
>
> *Can anyone explain a way around this. Do I need to write a VB app (for*
> *example) to do this, allowing me to use something like DoEvents???* *(I dont*
> *see how this will work as the ASP page will still be waiting for the*
> *response from the VB app rather than from the ServerXMLHTTP object) Or is*
> *there some way of running this page asynchronously so that other ASP pages*
> *are allowed to execute while we are waiting for the response from the 3rd*
> *party?*
>
> *Note: I cannot schedule this to run at a less busy time (for example), it*
> *has to be live as this is a quoting system and the client is waiting.*
>
> *Any help is much appreciated.*
>
> *Thanks*
> *Barry Lloyd*
>
>