

Re: Concurrent processing of ASP.NET pages

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2006-10/msg00882.html>

- *From:* "Hitesh" <kathuria.hitesh@xxxxxxxxxx>
 - *Date:* 4 Oct 2006 01:45:11 -0700
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I tried running the same scenario on the machine with windows 2003 server and IIS 6 installed. It is giving the expected results. Requests are handled parallelly and results are according to the default IE settings

But on the machine having Windows XP and IIS 5.0 the requests are handled serially as i mentioned.

I also tried running the same scenario on the machine having Dual processor with windows XP and IIS 5.0. This is also giving the expected result.

Did anyone of you is able to re-produce the same on your end?

George Ter-Saakov wrote:

Somehow I am positive that point 1 is the case with you .
But anyway.
By default IE issues 4 simultaneous requests to the same server. All others are put on hold.

It's done to prevent you killing your network with 100s simultaneous requests if html page has 100s pictures on it.

Check <http://www.speedguide.net/> they have a registry tweak that will bump that number (4) up.

George.

"Hitesh" <kathuria.hitesh@xxxxxxxxxx> wrote in message
news:1159864833.389999.323120@xx

Bruce,

Point 1 is not the case with me.

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Could you please give me some more detail on Point 2 .Actually i am accessing a Page on which I am sending multiple async requests. But response is coming seuentiall.

I found that IIS is hadling the request serially.

bruce barker (sqlwork.com) wrote:

there are two causes for this.

1) the two browsers are using the same session. say you opened the second one from IE's new window rather than from the start menu. asp.net serializes accss to session.

2) IE limits the number of requests to the same server, so will serial the requests. yucan bump this up in the registry.

-- bruce (sqlwork.com)

"Hitesh" <kathuria.hitesh@xxxxxxxx> wrote in message news:1159517391.181840.320320@xx

We all know that IIS and asp.net are suppose to be muti-threaded applications running on a pre-emptive multi-tasking model. But, what I have found is that under the default installation of ASP.NET, aspx pages get

executed serially. I know that it's easy to say that this can't be right, but I have found threads where others have confirmed this same behavior.

The situation is very easy to reproduce. Simply place two aspx pages on a web site, on the one page put some code that will take a bit to execute (say

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a while loop) and on the other page simply put some text (perhaps "hello").

Now open two browser windows, in the first browser open the long running page, now in the second window open the hello page. What you will find is that you will not receive the hello page until the long running page completes and is sent to the browser. The pages are running serially on the server!

How does one configure asp.net so that the pages run under a preemptive multitasking model?