

How do I track down performance problems with page rendering?

Asked 16 years, 4 months ago Modified 11 years ago Viewed 842 times



1



I've been tasked with *improving the performance of an ASP.NET 2.0 application*.

The page I'm currently focused on has many problems but one that I'm having trouble digging into is the render time of the page. Using Trace.axd the duration between Begin Render and End Render is 1.4 seconds. From MSDN I see that

All ASP.NET Web server controls have a Render method that writes out the control's markup that is sent to the browser.

If I had the source code for all the controls on the page, I would just instrument them to trace out their render time. Unfortunately, this particular page has lots of controls, most of them third-party. Is there tool or technique to get better visibility into what is going on during the render? I would like to know if there is a particularly poorly performing control, or if there are simply too many controls on the page.

asp.net

performance

Share

Improve this question

Follow

edited Dec 19, 2013 at 18:42



Nizam

5,721 ● 9 ● 46 ● 57

asked Aug 19, 2008 at 1:51



John Asbeck

196 ● 2 ● 11

3 Answers

Sorted by:

Highest score (default)



3

See



<http://www.asp101.com/articles/robert/tracing/default.asp>.



Share Improve this answer

answered Aug 19, 2008 at 1:52

Follow



Mark Cidade

99.8k ● 33 ● 229 ● 237



2

Download ANTS PROFILER, this will give you a perfect overview of the lines causing the slowdown.



Also when it's about rendering make sure you don't use too much string concatenations (like `string += "value"`) but use `StringBuilders` to improve performance.





Share Improve this answer

answered Aug 20, 2008 at 14:08

Follow



Gabriël

1,315 ● 2 ● 24 ● 35



0

It may not help if the problem is inside one of your controls - as you expect - but if the page is poorly designed and that's causing render to be slow, [YSlow](#) should help clean that up.

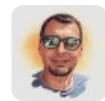


Share Improve this answer

answered Aug 19, 2008 at 3:03



Follow



Adam Tuttle

19.8k ● 17 ● 83 ● 116

