

Re: Didn't ADO used to default to client-side cursors?

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.server/2004-12/0469.html>

From: David Gugick (davidg-nospam_at_imceda.com)

Date: 12/03/04

Date: Thu, 2 Dec 2004 20:03:08 -0500

jxstern wrote:

> On Thu, 2 Dec 2004 15:26:17 -0500, "David Gugick"
> <davidg-nospam@imceda.com> wrote:
>> Have you noticed whether the
>> application performs a little slower using the client-side cursor?
>
> A bit faster, actually.
>
> The Execute takes a bit longer, but the client-side cursor is quite a
> bit faster than the server-side, which only makes sense since it
> doesn't have to reach across the network.
>
> J.

Well, it does have to reach across the network and fetch the same result set on the server in order to create a local ADO result set. I would think that it shouldn't be faster from execute to load completing unless something like your packet size with the server cursor is so small that ADO had more round trips to complete. I don't think ADO uses a asynchronous load for the client cursor.

Server Side Cursor

Execute

Fetch and load into grid

Client Side Cursor

Execute

Auto-Fetch and create local ADO result set (ADO behind the scenes)

Fetch and load into grid

I'm not saying you need to time everything, but I would think that from the execution time to the user having a grid full of data would be faster with a server-side cursor. But as you saw, because the grid load is a slow process, the result set on the server remains a little longer and that increases the duration of the query. You could try increasing

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the packet size for the query to move more data across the network with each trip.

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