

Re: Accessing A Large MS SQL Table Over ADO Components

Source: <http://coding.derkeiler.com/Archive/Delphi/borland.public.delphi.database.ado/2004-10/0125.html>

From: Viatcheslav V. Vassiliev (support_at_oledbdirect.com)

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> *And I want to know, if I use a standart DB Grid, does the dataset component fetches all the records to client?*

Client-side cursor fetches all rows, server-side does not. This does not depend on DBGrid or other controls.

> *What about the cursor location. Setting the cursor to serverside has any advantages? Because I had some performance loss when I set it up to Server Side?*

Server-side cursor does not fetch all rows to client, so if server is on the same computer, you could try server-side cursor, if server is on LAN – try and look does it perform good, if server is remote – do not use server-side cursor for UI. Also, server-side cursor, unlike client-side cursor, holds resources on server – if many users will open datasets with server-side cursor, you may have problems on server, especially if some user(s) will go to lunch and leave cursor open.

> *Could you please forward me some links or docs about Delphi + ADO + SQL Server Performance issues?*

This newsgroup :)

For best performance and access to low-level features you may try OLEDB Direct (<http://www.oledbdirect.com>). It works with OLEDB – the same interfaces that ADO uses on low-level. For example, you will be able to insert 1 000 000 rows in up to 10 sec.

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Regards,

Vassiliev V. V.

<http://www.managed-vcl.com> – using .Net objects in Delphi for Win32 + ADO.Net

<http://www.oledbdirect.com> – The fastest way to access MS SQL Server,

