

microsoft.public.sqlserver.olap: Re: Sudden drop in speed after adding some records. Why?

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Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.olap/2004-09/0150.html>

From: J  j   (willgart_at_BBBhotmailAAA.com)

Date: 09/07/04

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what the usage analysis says?

does the query takes a lot of time to be processed by the server?

setup the log query interval to 1 in your servre properies to log every query sent to your cubes.

play with the cube, and see the results with the usage analysis.

if the response time is lower than your display time then the problem is at the render level. (for example, the rendering process takes 1minute and the server process time takes only 5 seconds, then too many calculations are done by the client)

Try a tool like www.reportportal.com (there is a free version and an evaluation version) this tool support the paging feature, so you'll display only 100 rows (or other number) by page.

Try to play with the client connection string to insure you use server side calculation instead-of client side. (the client can retrieve more rows from the server to calculate the measures at the client side,

How many members has your biggest dimension?

how many members are displayed in OWC (or other tool) at the same time?

read this article:

<http://www.microsoft.com/technet/prodtechnol/sql/2000/maintain/ansvcspg.msp>

maybe the section : Optimizing Clients for Slow Network Connections

"Polly" <Polly@discussions.microsoft.com> a   crit dans le message de news: 3585EFA1-5790-41B2-A4A7-A47000232CAA@microsoft.com...

> J  j  ,

>

> *First of all, thanks for your suggestion.*

>

> *Before adding these 200,000 records, my fact table has over 10,000,000*

> *reocrds.*

> *I have done a full process in both dimensions and cubes.*

> *How to setup the targeted number of rows in your cube?*

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- > *I am using Excel 2003. Therefore, it can show about 65000 rows I think.*
- > *My calculated members are only "Net amount (Gross Amount – Discount*
- > *Amount)"*
- > *and "Unit Price (Net Amount / Quantity)". They only involve simple*
- > *calculation and measures in the cube. Therefore, I don't think slow speed*
- > *is*
- > *due to complexity of my calculated measures.*
- > *Also, I discovered that when I drap the result in cube editor and OWC. The*
- > *speeds are extremely slower (it hasn't finished job more than one hour)*
- > *than*
- > *I expected.*
- >
- > *What happen to my cube?*
- >
- > *Polly*
- >