

Running large reports off SQL server (i.e. Crystal Reports)

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Hi all,

I need to run large reports off a SQL server using an application like Crystal Reports. Unfortunately Crystal Reports for VS.NET runs into memory problems if the result set is >50,000 rows. As such, I need to do all my calculation, collating, etc on the server side and then send a nicely formatted dataset to Crystal.

Typically how does one go about building queries that calculate data without cursors? There wouldn't happen to be a book Building Report Queries for Dummies?

For example, I have a table which has a bunch of records as follows:

Date	Value
01/01/2004 10:55:00AM	1
01/01/2004 11:56:00AM	2
01/01/2004 13:24:00AM	4
01/01/2004 12:34:00AM	7
01/01/2004 11:20:00AM	9

And I need to report on 1/2 hours, Daily, Monthly, Yearly, etc.

If I use the middle tier to calculate such data, I would need large amounts of memory to replicate the tables while I do the calculations... wouldn't using cursors in SQL server be more efficient if all I'm doing is 90% read operations and 10% writes (writes only occur when the reporting DB is synchronizing with the production DB)?

In anycase, how does one tackle report queries? Are there any tutorials online with a set of templates or examples for different style of calculation type queries?

Thanks.

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