

Re: Very slow query

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.programming/2004-10/4308.html>

From: Tibor Karaszi (*tibor_please.no.email_karaszi_at_hotmail.nomail.com*)

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The very first thing to do is consider what indexes you have on the table. Indexing is a huge topic, with lots of information in Books Online, Books, Courses, the Net etc. But for this particular situation, a COUNT(*) will benefit very much from a nonclustered index on any column, preferable a small column (like int etc).

While testing the query in QA, use the "Show Estimated Query Plan" feature. It will show how the query will be executed.

This is what I suggest you also pick up using Profiler. Profiler is a tracing tool, and you find it in the SQL Server program group. It is also useful to, for instance, catch the actual SQL statements. Sometime, your API (ADO in your case) as doing funny things for you...

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Tibor Karaszi, SQL Server MVP

<http://www.karaszi.com/sqlserver/default.asp>

<http://www.solidqualitylearning.com/>

"Steve" <sedmyer@indy.rr.com> wrote in message news:Sdadd.106317\$V06.10636@fe2.columbus.rr.com...

> Tibor,

>

> I am a VB programmer and have little experience with SQL Server (from a DBA perspective).

>

> First I think that the time taken by QA to run this query is way to long and would like to know

> I am doing something wrong or if there is something that can be done to the DB to improve.

>

> Second how do I start and use this Profiler?

>

> Thanks

> Steve

>

> "Tibor Karaszi" <tibor_please.no.email_karaszi@hotmail.nomail.com> wrote in message

> news:uxCDi6etEHA.2624@TK2MSFTNGP11.phx.gbl...

>>I would start using Profiler to see if the two has the same execution plan.

>>

>> --

>> Tibor Karaszi, SQL Server MVP

>> <http://www.karaszi.com/sqlserver/default.asp>

>> <http://www.solidqualitylearning.com/>

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>> "Steve" <sedmyer@indy.rr.com> wrote in message news:TA9dd.3580\$Dl.236@fe1.columbus.rr.com...

>>> Any ideas as to why a simple query (SELECT COUNT(*) FROM Table) on a table with 1,900,000 row

>>> would take 3 minutes to run in Query Analyzer and more than 10 minutes to run from a VB 6 app

>>> using ADO?

microsoft.public.sqlserver.programming: Re: Very slow query

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