

Re: Does query optimizer use locking hints?

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.programming/2004-08/5241.html>

From: Gert-Jan Strik (*sorry_at_toomuchspamalready.nl*)

Date: 08/24/04

Date: Tue, 24 Aug 2004 20:48:05 +0200

I am not aware of any simple way to see the locking impact. Maybe somebody else around here knows a trick...

In Profiler, one of the counters is elapsed time. This includes the time that was spent while waiting for locks to get available, but it does not give a breakdown of the elapsed time.

As a reference, you could run the same query under READ UNCOMMITTED isolation level, or (if this is not possible) under READ COMMITTED isolation level, and measure the difference in elapsed time. If all other counters are approximately the same (CPU and I/O), then you will have a rough indication of the time spent on locking.

HTH,
Gert-Jan

Palmer Eldritch wrote:

>
> *Well, I'm not really interested in locking details.*
> *The goal was to optimize some queries that run under COM+ with isolation level serializable.*
>
> *Is there any simple way of seeing the impact of locking on the execution time?*
> *I know a little about SQL Profiler and I'm wonder if Duration of SQL:BatchCompleted event includes time used by locking.*
>
> *"Gert-Jan Strik" wrote:*
>
>> *Palmer,*
>>
>> *Louis is correct, in SQL-Server the locking strategy is a runtime decision, not a compile time decision. Whenever possible, locking hints will be used.*
>>
>> *If you run sp_lock before committing the transaction, you can view the all (current) locks.*
>>

microsoft.public.sqlserver.programming: Re: Does query optimizer use locking hints?

> > *HTH,*
> > *Gert-Jan*
> >

--
(Please reply only to the newsgroup)