

# Bookmark Lookups...

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I hope this doesn't show up twice. I didn't see it post. This is better formatted :)

Anyway, here is my problem:

I have a Stored Procedure that is taking an unusual amount of time (gradually getting slower) to run. I have analyzed the execution plan via Query Analyzer and I have identified what portion of the Stored Procedure is causing the problem. I have analyzed the indexes and added other index fields in the query with no luck. The stored procedure accepts parameters, and I use those in the where clause. Breaking down the query, I have tried changing the data types of the @parameter variables to exactly match the columns in the table. But still sluggish performance.

One thing I noticed, and this has happened to me before, is that if I hard code some values in the same Select statement, the stored procedure seems to run much faster. If I hard code a date ranges in the proc ie between '01/01/2006' and '01/25/2006' , it runs much faster (as there are no bookmark lookups), but if I use the same values assigning them to varchar, char, datetime, or smalldate time (tried most logical ones, to equal the table column) it triggers a bookmark lookup. With the hard coded date values the execution plan shows that the query is now utilizing the indexes and it reduces the bookmark lookups in some cases from 49% to 15% or less.

Any ideas??

Thanks

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