

Re: COM+ and ADO and performance.

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Change CursorLocation to clUseServer and CursorType to ctOpenForwardOnly it should improve performance of select queries. As for Update and Delete you don't tell us how you are resolving updates back to DB so it is not easy to suggest something

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> Hi,

> Im using D7 ent, COM+ on W2K sp4 installed and MS SQL Server 2000 with
> appropriate service packs.

>

> I wrote 3 tier application which business logic on COM+ objects. I simply
> used a TADOConnection(ConnectOption=coConnectUnspacified,
> CursorLocation=clUseClient, IsolationLevel=ilCursorStability,
> KeepConnection=True, Mode=cmUnknown) and TADOQuery
> (CursorLocation=clUseClient,
> CursorType=clUseClient, CursorType=ctStatic, LockType=ltOptimistic,
> MarshalOptions=moMarshalAll, Prepared=False) on server side. There is also
> TDataSetProvider(Options=[], ResolveToDataSet=False,
> UpdateMode=UpdateWhereAll) that point TADOQuery. In client side
> TDCOMConnection connected to COM+ object and
> TClientDataSet(FetchOnDemand=True, ObjectView=True, StoreDefs=True) for
using

> database stuff. There is no transactions used. Everywhere I used point
> queries and there is no more than 5-10 records at a time. Also I used
> standart data types (no image, text, ntext etc.) And also column count is
> not more than 10.

>

> Everything is work fine when there is small amount of users. But, when
> amount of 20-30 users connect to server and begins to insert record it
slows

> down. I simply write the same query in Query Analyzer. It takes 0.024sec
to

> execute. But When I execute the same insert query from TClientDataSet, it
> takes 3-4 secs!!!! (Also in select, delete and update it takes 3-4 secs)
> There is no batch update. Every time single row.

>

> I cant figure out why. I installed COM+ objects with Query analyzer to
test

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- > *network speed other than SQL Server machine. The problem is same. Is there*
- > *anyone who can help me? (I also write the general VCL properties that I*
- set)
- >
- > *Thanks.*
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