

borland.public.delphi.database.ado: Is it possible to use ADO in threaded service app?

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I have tried to build service application with threads.
Each thread makes connection using ADO to SQL server, then do some operations, and update status in db.
This is repeated in thread's execute procedure till service is stoped.

I have declared ADO DB connection and query for each thread, at the first time
in thread I call CoInitialize, then I create DB objects, do operations and freeing DB object and then call CoUnInitialize.

My questions are:

-Is there a limitation of thread and db connection count, which can be used at the same time? Is there relation to ole db provider?

-When I use as ole provider Microsoft Jet 4.0 (for storing data use Access DB) there are still memory leaks! By using ole db provider for ODBC with combination with MySQL it seems to be workin without memory leks? Any solution?

-When service is running at computer with one cpu, all works fine, but when service is running on 2 or more cpus computer, sometimes service is causes in threads execute procedure exception with message "Invalid pointer operation" or "Error exception in module at adress...". Is threere limitation to use ADO/Threads on multiprocessor platform?

-Exists anywhere sample or information, how to correctly write threaded service application in combination with ADO?

-Is better in threaded service app to use ADO eventually DB express connectin?

Thank you for help,
Michal R.