

# Re: ContextSwitchDeadlock

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Have you tried to access the two data sources with a Linked Server approach that lets SQL Server do all of the processing?

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"OldButStillLearning" <[OldButStillLearning@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:OldButStillLearning@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:E2D8FB44-DA7A-4629-80BE-C804D86D8F08@xxxxxxxxxxxxxxxxxxxx](mailto:news:E2D8FB44-DA7A-4629-80BE-C804D86D8F08@xxxxxxxxxxxxxxxxxxxx)

Hello, I am getting this "ContextSwitchDeadlock" error message pop up in situations where I am doing a Data Reader loop, where I am processing about 40,000 records. For each record read via the data reader, I am creating another data reader to read another database table (can't join these tables – on different machines) to get additional information. I am guessing that I am getting this error message because the loop is taking longer the 60 seconds to complete. Here is what is said about the error "The most probable cause is that a single-threaded apartment (STA) thread is not pumping messages. The STA thread is either waiting without pumping messages or is performing lengthy operations and is not allowing the message queue to pump."

I'm sorry, but I do not have a clue as to what this means. The other probable cause is a process is consuming too much memory. Not sure That this

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would apply to me but perhaps opening and closing 40,000 data readers is sucking up memory, although I would have expected the garbage collector to have released this memory, but perhaps because it is all within the same paragraph, the memory is not being released. I often just cancel out of the

error message and continue with the process and it completes successfully, so

I don't think it is a memory issue.

If I do not run in debug mode, I get the same error message running in "Release" mode.

I read that you can turn off the MDA errors via the config file, but this does not seem to me to be the appropriate solution to the problem... Does it?

Any ideas or suggestions?

Thanks in advance for your assistance!!!!