

Re: SqlConnection.Open() Which ErrorCodes

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2007-06/msg00298.html>

- *From:* "William \ (Bill) Vaughn" <billvaRemoveThis@xxxxxxxxxx>
 - *Date:* Fri, 29 Jun 2007 10:44:58 -0700
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I understand completely. We've been trying to get MS to divulge the error numbers (like we had back in VB6) for some time now. The problem with the exceptions is that they are often too generic ("Something happened") and the messages don't really help an end user any more than a fist-full of documentation. As it is the messages are often less than useful--sometimes pointing blame at conditions that don't exist and are way beyond the control of the end user.

I'm sure you understand it's not the end-user that needs to debug the connection issue--it's your application. None of the messages returned by the Framework are suitable for end-user consumption. They are the person with the least chance of fixing the problem. Without an in-depth understanding of the exceptions and the information they return you're running blind. In addition, if you write code to test for a specific exception message, you're poached when the application has to be ported to another language (English to French, or English to Texan).

I applaud your efforts to bring sanity to the handling of exceptions. I might suggest that you look at the Exception Handler Blocks that might clarify some of this for you (and everyone else).

hth

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Re: SqlConnection.Open() Which ErrorCodes

"Henrik Skak Pedersen" <skak@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:%23mjIyOcuHHA.736@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Wen,

Thank you for your reply.

I would just like to show a decent error message to the user if something goes wrong during the connection phase.

Cheers
Henrik.

"WenYuan Wang [MSFT]" <v-wywang@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:eaXOOTNtHHA.2312@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Henrik,
Thanks for your waiting.

I have spend the whole day searching on internet and documents, however, doesn't found List which included all possible error number caused by Open()/Execute***(). I also tried with Reflector. This doesn't help...

Sorry, for my curious, would you please kindly let me know why do you want to get such Error Number list? If you just want to write some trouble-shooting document for your end user, I think the information in SQLException.error is enough.

For the entire error messages, I'm afraid the only way is that querying the sys.messages system table for the message_id and text of SQL Server errors.

See the error messages topic in SQL Books Online. On the client side, see the documentation in the .NET Framework Help for these classes: SqlConnection.Open, SQLException, and SqlErrorCollection/SqlError, which enables you to handle server-side errors. However, there must be a lot of work for us.

I'm sorry if you feel this isn't really helping...
But, would you please let us know what your objective is? Maybe there is other way to approach that without the Error Number List...

Thanks again for your patience
Sincerely,
Wen Yuan
Microsoft Online Community Support

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