

## Re: When do selects execute for multiple resultsets

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2005-09/msg00628.html>

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  - *Date:* Tue, 13 Sep 2005 09:42:26 -0700
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Sure. Somewhat simplified, SQL Server executes each query and stops when its initial buffer is full (less than 10K). When your code asks for rows, (DataReader.Read) the buffer is emptied and more rows are retrieved--as fast as you can pull them over. As you fetch more rows with Read, more rows are located based on the query's WHERE clause etc. When the first resultset is complete, the server pauses again waiting for the DataReader.NextResult. Once that returns True, the process is repeated until there are no more resultsets.

The CommandTimeout is measured from the time you execute the query until the time the first row is made available by SQL Server.

hth

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"mcerutti" <[mcerutti@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:mcerutti@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:8CD9FC2A-0268-42C3-95D1-28F078314224@xxxxxxxxxxxxxxxxxxxx](mailto:news:8CD9FC2A-0268-42C3-95D1-28F078314224@xxxxxxxxxxxxxxxxxxxx)

- > Does anyone know how multiple resultset stored procedures are executed
- > when
- > using data readers? It appears that the sp is paused after each select
- > until
- > the client requests the next resultset.
- >
- > Also, does the command timeout apply to the initial query time or for the
- > time it takes to start returning the final resultset?

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