How can I connect to a MySQL database through .NET?

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All our Windows shared servers have Connector/Net, MySQL's fully managed ADO.Net provider.Â You can find the documentation on Connector/Net on MySQL's site: http://dev.mysql.com/doc/connector-net/en/index.html Here are a common examples of connection strings you can use to connect to your MySQL database through .NET. **Standard** Where we have values such as 'myServerAddress' and 'myUsername', please enter in the appropriate value for you Server=myServerAddress;Database=myDatabase;Uid=myUsername;Pwd=myPassword; **Specifying TCP Port** The 3306 is the default MySQL port, but you can use a different TCP port if you require it.Â If the UNIX socket is used, th value will be ignored.
Server=myServerAddress;Port=1234;Database=myDatabase;Uid=myUsername;Pwd=myPassword; **Multiple Serve** Through this, you can connect to a server in a replicated server configuration without needing to worry about which server to use. Server=serverAddress1, serverAddress2,
serverAddress3;Database=myDatabase;Uid=myUsername;Pwd=myPassword; **Using Encryption** If you have an SS certificate installed onto your server, you can use this to activate SSL encryption for all data sent between the client a the server. Server=myServerAddress;Database=myDatabase;Uid=myUsername;Pwd=myPassword;Encrypt=true;
Disallow Batches Preventing batch mode or batch files from running can protect your database from major changes Server=myServerAddress;Database=myDatabase;Uid=myUsername;Pwd=myPassword;AllowBatch=False; **Allow U Variables** You can allow users to enter in their own data by allowing user variables.
Server=myServerAddress;Database=myDatabase;Uid=myUsername;Pwd=myPassword;AllowUserVariables=True;
Allow Invalid Date/Time This will return a MySQL DateTime object for invalid values and a System.DataTime objec valid values.
Server=myServerAddress;Database=myDatabase;Uid=myUsername;Pwd=myPassword;AllowZeroDate=True;
Alternative String to Allow Invalid Date/Time This returns System.DataTime.MinValue valued System.DataTime object for invalid values and a System.DataTime object for valid values.
Server=myServerAddress;Database=myDatabase;Uid=myUserName;Pwd=myPassowrd;ConvertZeroDateTime;Tru
Disable Transaction Participation The use of auto-enlist transactions can cause trouble in Medium Trust environments.Â This removes it as the default behaviour.
Server=myServerAddress;Database=myDatabase;Uid=myUsername;Pwd=myPassword;AutoEnlist=False; **Skip Parameter Checks for Stored Routines** Parameters for stored routines and procedures are checked against the se and can slow down the system. This removes it as the default behaviour.
Server=myServerAddress;Database=myDatabase;Uid=myUsername;Pwd=myPassword;CheckParameters=False; **S**
Parameter Type and Order Matching for Stored Procedures If you have errors related to permissions and value casting, these errors can be fixed by this string.

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data as needed.
Server=myServerAddress;Database=myDatabase;Uid=myUsername;Pwd=myPassword;UseAffectedRows=True;
Compress Network Communication Between Client and Server This can cut down on the amount of time it takes implement a script.
Server=myServerAddress;Database=myDatabase;Uid=myUsername;Pwd=myPassword;UseCompression=True; **Lo**
Inefficient Database Operations Log operations that are inefficient, for tighter development later on.
Server=myServerAddress;Database=myDatabase;Uid=myUsername;Pwd=myPassword;UserUsageAdvisor=True;
Enable Performance Counters Turn on the performance counters for your project, and review regularly for optimise programming.
Server=myServerAddress;Database=myDatabase;Uid=myUsername;Pwd=myPassword;UserPerformanceMonitor=