**00\_RODBC connect.docx**

<http://stackoverflow.com/questions/7983770/r-odbc-mysql-connection-example>

**First set up a connection.**

**1) For me I had to download a driver on MySql's website, which will vary by system and version**

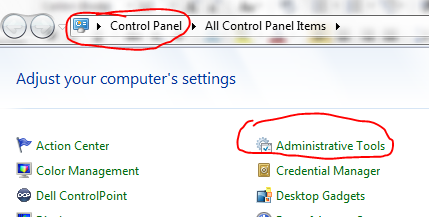
# Download Connector/ODBC: <http://dev.mysql.com/downloads/connector/odbc/>

**2) Once this is downloaded run the setup utility.**

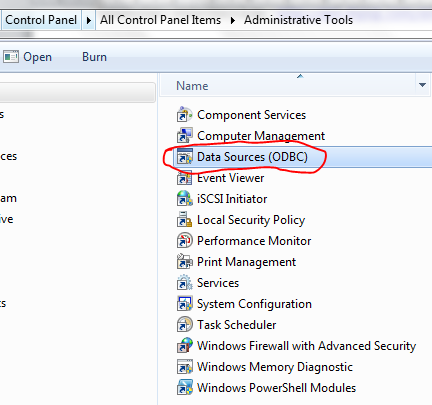
3) Next setup up the DSN. Instructions for windows are here: [MySQL ODBC DSN Setup](http://dev.mysql.com/doc/refman/5.0/en/connector-odbc-configuration-dsn-windows.html#connector-odbc-configuration-dsn-windows-5-1)

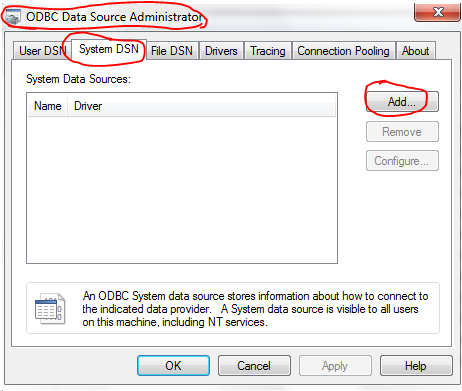
<http://dev.mysql.com/doc/refman/5.0/en/connector-odbc-configuration-dsn-windows.html#connector-odbc-configuration-dsn-windows-5-1>

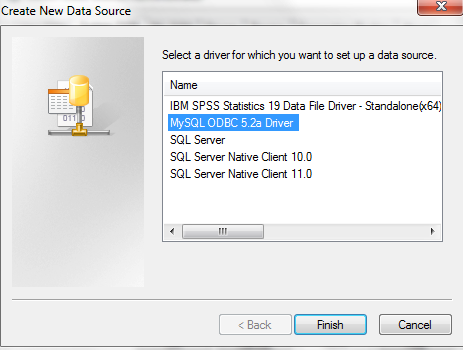
Control Panel\All Control Panel Items\Administrative Tools

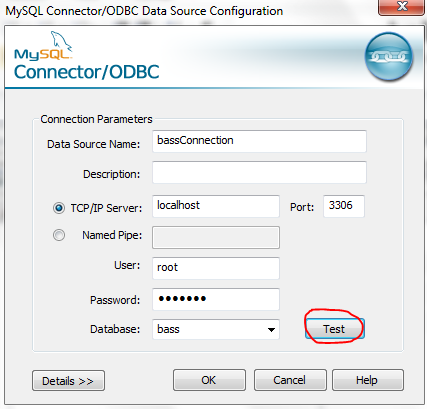


Click "Data Sources"

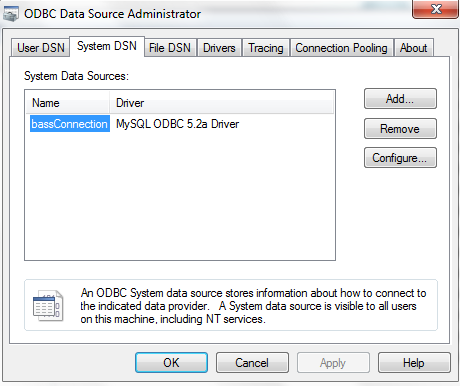








Now we have a new connection which we can use with "**odbcConnect**" command



4) Important: Remember the name of the DSN as it is used when you create the channel in RODBC to connect to your database.

**5) Finally, once this is setup you install and load the RODBC package.**

> library(RODBC)

**6) To connect to your database use something like this:**

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# Using 'odbcConnect' command

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ch5 <- odbcConnect("bassConnection",uid="root",pwd="dimroot", case="tolower")

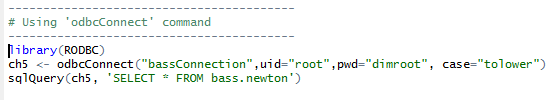
channel <- odbcConnect("mysql 2", uid="root")

where 'mysql 2' is the name of your DSN connection, NOT the name of the database.

**7) Finally you can send a query like this:**

sqlQuery(ch5, 'SELECT \* FROM bass.newton')

result1 <- sqlQuery(channel, paste("SELECT \* from db1"))



Another way. We do not need to create a connection.

Use another command: "**odbcDriverConnect**"

