1. Install RMySQL package (ref: <http://www.ahschulz.de/2013/07/23/installing-rmysql-under-windows/>)
2. Install latest mysql server on local system using below link

<http://dev.mysql.com/downloads/mysql/>

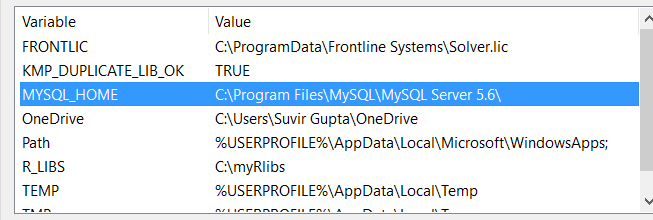
1. Install default package with connectors in package
2. Install Rtool package(compiling environment for Windows)

<https://cran.r-project.org/bin/windows/Rtools/>

1. Tell Windows (and R) where the MySQL-Libraries are:

RMySQL needs the *libmysql.dll* to compile successfully. The file should be stored in *lib*-Folder of your MySQL installation. Usually the path should be *C:\Program Files\MySQL\MySQL Server 5.5\lib.* The problem is that RMySQL expects it to be stored in the *bin*-Folder (usually *C:\Program Files\MySQL\MySQL Server 5.5\bin*). So you have to copy it by hand.

1. Change environment variables



MYSQL\_HOME

R\_LIBS

1. Run “Install.packages(RMySQL)” from r console
2. Run SQL queries on the (ref: <https://www.coursera.org/learn/data-cleaning/>)
3. con<-dbConnect(MySQL(), host="127.0.0.1", port=3306, user="root", password="password", dbname="sakila") /\*Set up connection handle to local data base\*/
4. dbGetQuery(con, "select \* from actor") /\*Query data base from R\*/
5. dbDisconnect(con) /\*disconnect the database handle\*/
6. dbListTables(con) /\*List all the tables in the data base \*/
7. dbListFields(con, "actor") /\* list all the fields in the actor table\*/
8. Actor<- dbReadTable(con, "actor") /\* import actor table as data d-frame in r “Actor”\*/
9. Actor\_Subset <- dbSendQuery(con, "select \* from actor where actor\_id between 1 and 100") /\* select subset of the data in the database and then used fetch command to extract it \*/
10. Fetch(Actor\_Subset) or fetch(Actor\_Subset,n=20)/\* fetch all the data or the part of data subset\*/
11. dbClearResult(Actor\_Subset) /\* Clear the coonect to data subset\*/