

Using rsqserver package in R

In R programming environment, you can conveniently connect to SQL Server through RSQLServer package. However, it is little bit tricky. Not like to way you connect MySQL server through RMySQL package. I searched RSQLServer on Google and tried to find a good example to connect to the SQL server. At the beginning, nothing worked. One time I read a post and used the method in the post. I was able to connect to the SQL Server. However, the connection opened a system database instead of the database I wanted to connect. Eventually I use R help command to learn how to use dbConnect function. That helps figuring out the correct method to connect to the right database on the SQL server.

1) Install the package: RSQLServer. Run command in R:

```
install.packages("RSQLServer")
```

2) To use the package, you only need to use the following R command:

```
library(DBI)
```

3) To connect to a specific database on a given SQL Server:

```
con
```

That should work well for you. You have to provide your SQL Server IP address, database name, your login information to the function.

Once you get connected, to query the database table and manipulate data in the database, you can use all the functions available in DBI package. There is no more tricks.