



To grant privileges to a lot of Users, using this dialog can be very arduous, if all Users need access to the Object then the User can grant the privileges to the Public Role, all Users are members of this.

SQL Worksheet can grant privileges to a great many Users in one command ...

The format of the granting is as follows ...

***grant** <privilege> **on** <object> **to** <schema>;*



In this example, the table `stock_information` has been given to three schemas, all of which will have select and update access ...

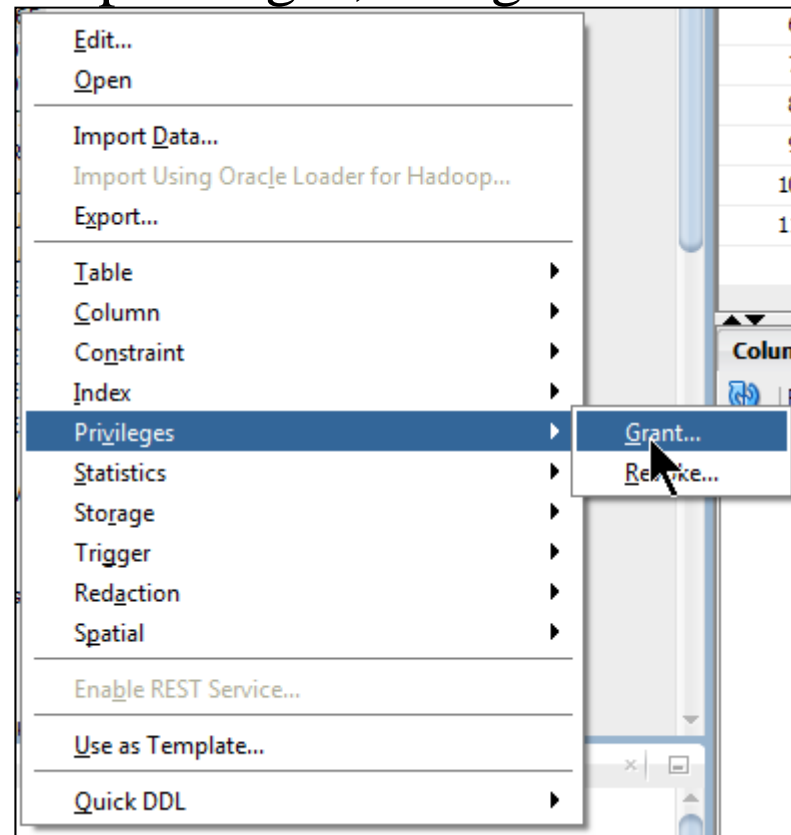
```
grant select, update  
on stock_information  
to stever, janew, johnf
```

If the *with grant option* is added at the end of the above statement, the User is in fact giving the above schemas the ability to pass on their privileges to other Users



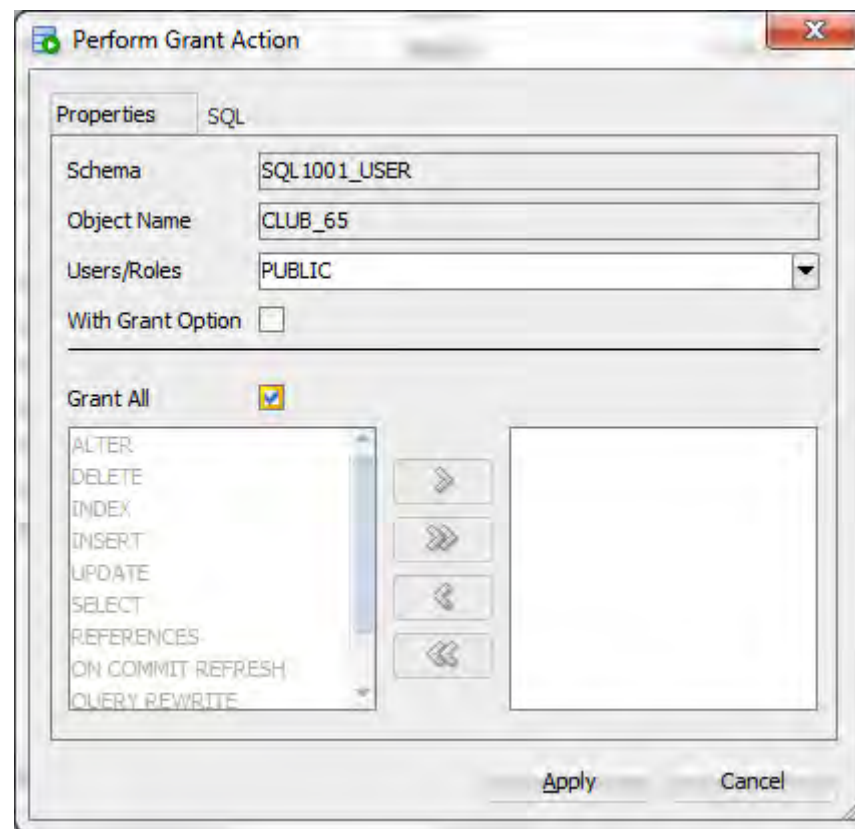
There are other Privileges but these relate to Objects not covered in this course. To view the privileges dialog, right click on the Table in the Connection Navigator and click on privileges, this gives the User the opportunity to grant or revoke privileges ...

Privileges can also be reached using the action dialog in the Object Editor





The Grant Privileges dialog allows the User to select the User or Role and the privileges for the selected table ...





The revoke privilege SQL syntax is as follows ...

*revoke* <privilege(s)> **on** <object> **from** <schema>

*revoke insert*

*on club\_65*

*from course\_user*



## Accessing Objects – Revoking Privileges

The revoke privileges will display all schemas with any privileges granted to the Table, to revoke access move the privilege to the right hand pane or select 'Revoke All' ...

