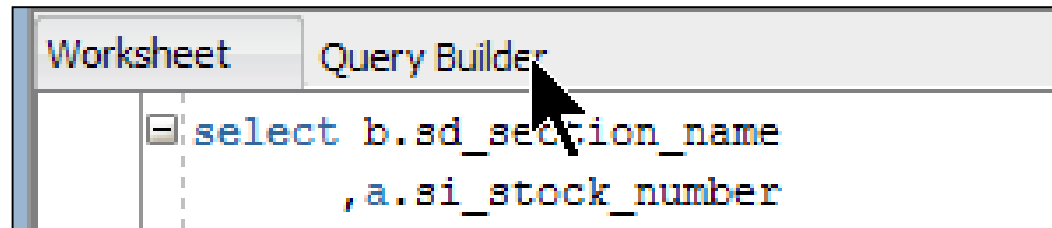


## Query Builder – Invoking Query Builder



The Query Builder area can be found next to the Worksheet tab ...



Clicking on the Query Builder when SQL is already in the Worksheet will represent the tables and columns already selected, note that the tables can be expanded if the column names are long ...

# Query Builder – Invoking Query Builder



Worksheet Query Builder

Main

**b (section\_details)**

- \*
- SD\_SECTION\_NUMBE
- SD\_SECTION\_NAME
- SD\_SECTION\_TYPE
- SD\_CREATED\_BY
- SD\_CREATED\_DATE
- SD\_UPDATED\_BY
- SD\_UPDATED\_DATE

**a (stock\_informati...**

- \*
- SI\_STOCK\_NUMBER
- SI\_SECTION\_NUMBE
- SI\_STOCK\_DESCRIP
- SI\_UNIT\_PRICE
- SI\_NO\_IN\_STOCK
- SI\_CREATED\_BY
- SI\_CREATED\_DATE
- SI\_UPDATED\_BY
- SI\_UPDATED\_DATE
- SI\_STOCK\_PIC\_BLOB
- SI\_STOCK\_DOC\_BLO
- SI\_STOCK\_TEXT\_CLO

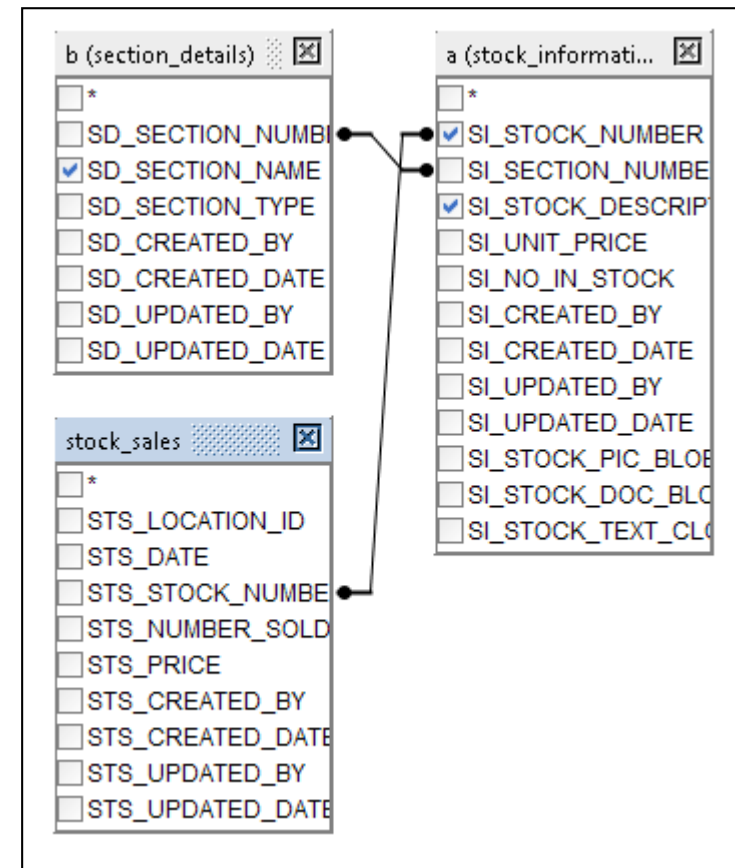
**stock\_sales**

- \*
- STS\_LOCATION\_ID
- STS\_DATE
- STS\_STOCK\_NUMBE
- STS\_NUMBER\_SOLD
- STS\_PRICE
- STS\_CREATED\_BY
- STS\_CREATED\_DATE
- STS\_UPDATED\_BY
- STS\_UPDATED\_DATE



Query Builder consists of two panels, the graphical representation showing the Tables and Views (more about Views later) and their joins signified by the lines between the tables.

Columns which are selected have their check boxes checked and can be taken away, or added to ...





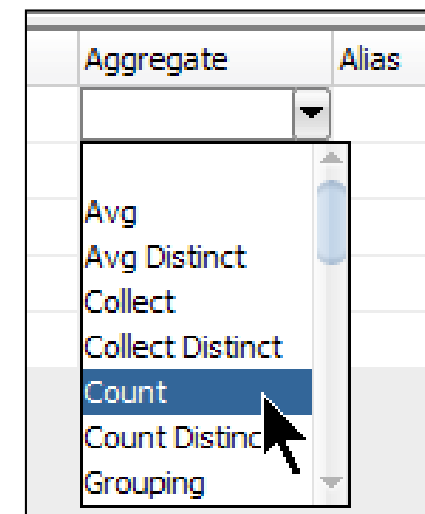
## Query Builder – Query Builder Topography

The second panel concerns itself with the columns which have been selected ...

Output	Expression	Aggregate	Alias	Sort Type	Sort Order	<input type="checkbox"/> Grouping	Criteria	Or
<input checked="" type="checkbox"/>	b.SD_SECTION_NAME					<input type="checkbox"/>		
<input checked="" type="checkbox"/>	a.SI_STOCK_NUMBER					<input type="checkbox"/>		
<input checked="" type="checkbox"/>	a.SI_STOCK_DESCRIPTION					<input type="checkbox"/>		

Output specifies whether the column is displayed (it can be selected but not output) and used for sorting for example

Aggregate specifies whether the column is to be aggregated (a pull down is available) ...

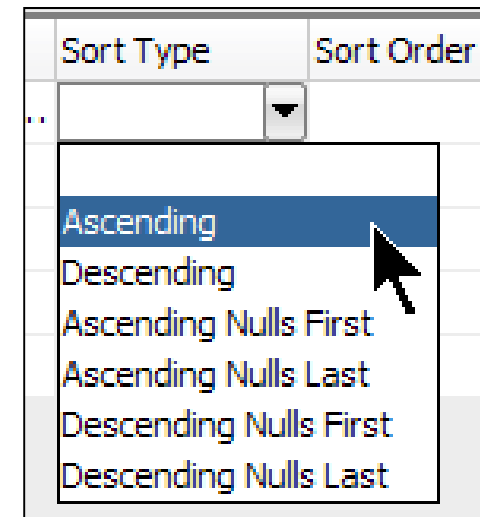




Alias will add an alias to the column, remember to use double quotes if the case and spaces are to be preserved.

Sort type will display the options for the column and if selected the column will be included in the 'order by' ...

Sort order will dictate which column comes first in the order by





Grouping will specify whether the column will need to be part of a group by statement (all columns which are not aggregated)

The Criteria and the Or areas allows the User to enter the 'where' clause for the column, only the operator and the value need to be entered ...

Criteria	Or
In (1, 2, 3)	



## Query Builder – Selecting Tables

Tables are selected in Query Builder by dragging and dropping, here the User has deleted the Stock\_Sales and restored it, not that the original link has now disappeared, this can be restored by dragging the column into the table to be linked

