



In this section the User will learn...

- About the Object Details Dialog tabs and their functionality



This Section deals with the Dialog which is displayed when a Table is selected, later in the course the tabs which are displayed for other Object types are discussed.

Some of the tabs examined are done so at a high level, this is because some of their functionality is not suitable for discussion in this course.

Selecting a Table will display twelve secondary tabs.



The Columns Tab gives the User a powerful utility to work on a Tables structure, some of these aspects will be dealt with later in the course.

The Columns Tab is the first tab to be displayed in the Object Details Dialog and displays the structure of the columns within the Table ...

|   | ⚡ COLUMN_NAME      | ⚡ DATA_TYPE       | ⚡ NULLABLE | DATA_DEFAULT | ⚡ COLUMN_ID | ⚡ COMMENTS |
|---|--------------------|-------------------|------------|--------------|-------------|------------|
| 1 | C65_MEMBER_ID      | NUMBER(5,0)       | No         | (null)       | 1           | (null)     |
| 2 | C65_LOCATION_ID    | NUMBER(5,0)       | No         | (null)       | 2           | (null)     |
| 3 | C65_MEMBER_SURNAME | VARCHAR2(30 BYTE) | No         | (null)       | 3           | (null)     |
| 4 | C65_MEMBER_NAME    | VARCHAR2(30 BYTE) | No         | (null)       | 4           | (null)     |
| 5 | C65_SEX            | VARCHAR2(1 BYTE)  | No         | (null)       | 5           | (null)     |
| 6 | C65_TITLE          | VARCHAR2(10 BYTE) | Yes        | (null)       | 6           | (null)     |
| 7 | C65_MARITAL_STATUS | VARCHAR2(1 BYTE)  | Yes        | (null)       | 7           | (null)     |

## Object Details Dialog – Columns Tab (Resizing columns)



The sequence and size of this data can be changed ... In this example the User has positioned the cursor on the right hand edge of the column and drags it to adjust its width ...

|   | ↕ COLUMN_NAME      | ←↔ DATA_TYPE       | ↕ NULLABLE |
|---|--------------------|--------------------|------------|
| 1 | C65_MEMBER_ID      | NUMBER (5, 0)      | No         |
| 2 | C65_LOCATION_ID    | NUMBER (5, 0)      | No         |
| 3 | C65_MEMBER_SURNAME | VARCHAR2 (30 BYTE) | No         |
| 4 | C65_MEMBER_NAME    | VARCHAR2 (30 BYTE) | No         |

If the User had double clicked in this position, the column will adjust itself to the maximum width of the data it contains.



## Object Details Dialog – Columns Tab (Moving columns)

In this example the User holds down the left mouse and drags the column to a different position in the ordering of the columns ...

|   | COLUMN_NAME        | DATA_TYPE          | NULLABLE | DATA_DEFAULT | COLUMN_ID | COMMENTS |
|---|--------------------|--------------------|----------|--------------|-----------|----------|
| 1 | C65_MEMBER_ID      | NUMBER (5, 0)      | No       | (null)       | 1         | (null)   |
| 2 | C65_LOCATION_ID    | NUMBER (5, 0)      | No       | (null)       | 2         | (null)   |
| 3 | C65_MEMBER_SURNAME | VARCHAR2 (30 BYTE) | No       | (null)       | 3         | (null)   |
| 4 | C65_MEMBER_NAME    | VARCHAR2 (30 BYTE) | No       | (null)       | 4         | (null)   |

|   | DATA_TYPE          | COLUMN_NAME        | NULLABLE | DATA_DEFAULT | COLUMN_ID | COMMENTS |
|---|--------------------|--------------------|----------|--------------|-----------|----------|
| 1 | NUMBER (5, 0)      | C65_MEMBER_ID      | No       | (null)       | 1         | (null)   |
| 2 | NUMBER (5, 0)      | C65_LOCATION_ID    | No       | (null)       | 2         | (null)   |
| 3 | VARCHAR2 (30 BYTE) | C65_MEMBER_SURNAME | No       | (null)       | 3         | (null)   |
| 4 | VARCHAR2 (30 BYTE) | C65_MEMBER_NAME    | No       | (null)       | 4         | (null)   |

## Object Details Dialog – Columns Tab (Sorting columns)



The User can also order the information displayed in the columns, this is achieved by double clicking on the column title, one double click will order the contents in ascending order, a second double click descending, a third double click restores the original sequence

|   | ↑ COLUMN_NAME        | DATA_TYPE          | NULLABLE | DATA_DEFAULT | COLUMN_ID | COMMENTS |
|---|----------------------|--------------------|----------|--------------|-----------|----------|
| 1 | C65_ADDRESS_ONE      | VARCHAR2 (30 BYTE) | No       | (null)       | 9         | (null)   |
| 2 | C65_ADDRESS_POSTCODE | VARCHAR2 (10 BYTE) | Yes      | (null)       | 12        | (null)   |
| 3 | C65_ADDRESS_THREE    | VARCHAR2 (30 BYTE) | Yes      | (null)       | 11        | (null)   |
| 4 | C65_ADDRESS_TWO      | VARCHAR2 (30 BYTE) | Yes      | (null)       | 10        | (null)   |
| 5 | C65_CREATED_BY       | VARCHAR2 (30 BYTE) | No       | (null)       | 14        | (null)   |

Note the appearance of an arrow pointing upwards to signify ascending order.



## Object Details Dialog – Columns Tab (Filter)

The filter option can be opened by clicking to the right of the column ...

|   | COLUMN_NAME          | DATA_TYPE          |
|---|----------------------|--------------------|
| 1 | C65_ADDRESS_ONE      | VARCHAR2 (30 BYTE) |
| 2 | C65_ADDRESS_POSTCODE | VARCHAR2 (10 BYTE) |
| 3 | C65_ADDRESS_THREE    | VARCHAR2 (30 BYTE) |

This will display all the unique values in the column for the User to select ...

Filter: COLUMN\_NAME

| COLUMN_NAME | DATA_TYPE          | NULLABLE | DATA_DEFAULT | COLUMN_ID | COMMENTS |
|-------------|--------------------|----------|--------------|-----------|----------|
| 1 C65_PHONE | VARCHAR2 (20 BYTE) | Yes      | (null)       | 13        | (null)   |



Above the Column's data are several icons ...



The first icon allows the User to 'freeze' the pane, allowing another dialog to be displayed for another table, if this isn't selected the dialog is overwritten by every subsequently selected Table.

The second icon is the Edit Table option and will be examined in more detail later in the course.

The refresh icon is the third option, followed by the Actions option which will be examined later in the course.