

## Tips & Tricks

### Print Stock Locations in Columns across the page (Saturn Only)

With an unlimited number of Stock Locations possible, a Product Report layout doesn't know how many you have, so Locations are displayed down the page, rather than across the page as fields you can select.

By using Pivot Tables inside a script, you can produce a report with Stock Locations displaying across the page. Below is MaxBasic code that will produce a report showing Quantity Available at each Location across the page.

Follow the instructions below to create the script from the code and run the report, or you can download the script from <ftp://ftp.accredo.co.nz/public/downloads/scripts/ICQtyByLocation.pfs>.

Select all the code below and click copy (Ctrl+C).

```
SQL = "SELECT ICProd.ProductCode " & _
      "      ,ICPROD.Description " & _
      "      ,ICQTY.LocationCode " & _
      "      ,ICQTY.QuantityAvailable " & _
"FROM   ICPROD " & _
      "      JOIN ICQTY ON ICPROD.ProductCode=ICQTY.ProductCode " & _
"WHERE  ICProd.NonDiminishing = False " & _
"AND    ICProd.ProductCode BETWEEN :FromCode AND :ToCode " & _
"Order By ICProd.ProductCode , ICQty.LocationCode "
```

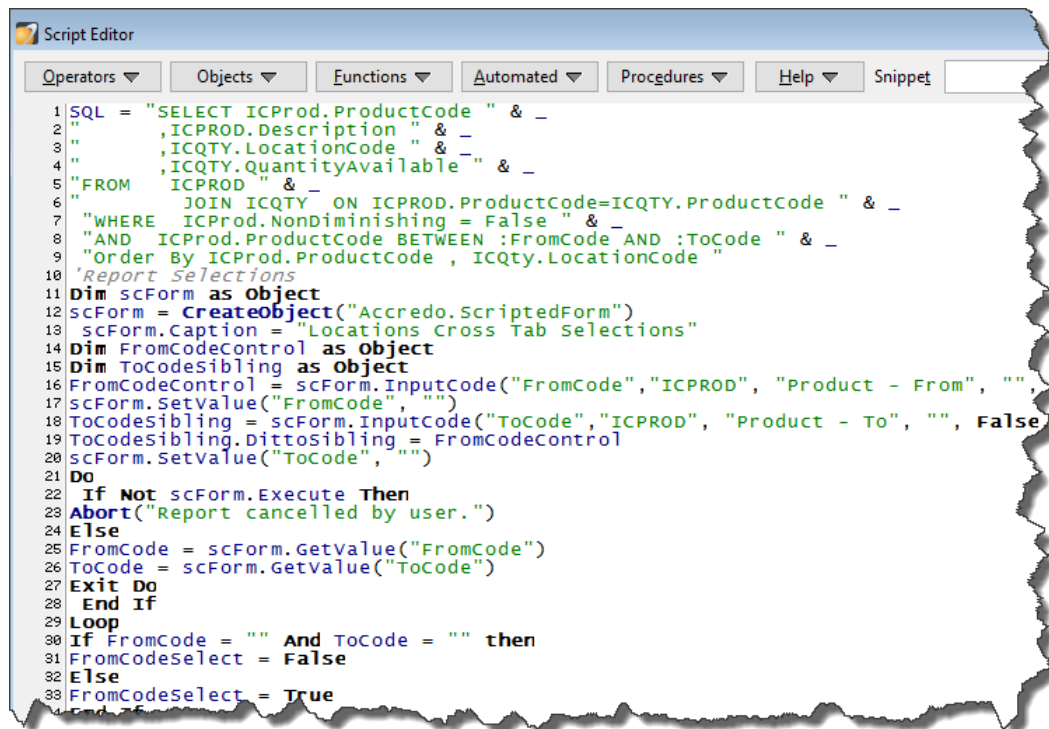
```
'Report Selections
Dim scForm as Object
scForm = CreateObject("Accredo.ScriptedForm")
scForm.Caption = "Locations Cross Tab Selections"
Dim FromCodeControl as Object
Dim ToCodeSibling as Object
FromCodeControl = scForm.InputCode("FromCode","ICPROD", "Product - From", "", False, False, True)
scForm.SetValue("FromCode", "")
ToCodeSibling = scForm.InputCode("ToCode","ICPROD", "Product - To", "", False, False, True)
ToCodeSibling.DittoSibling = FromCodeControl
scForm.SetValue("ToCode", "")
Do
  If Not scForm.Execute Then
    Abort("Report cancelled by user.")
  Else
    FromCode = scForm.GetValue("FromCode")
```

```


        ToCode = scForm.GetValue("ToCode")
    Exit Do
End If
Loop
If FromCode = "" And ToCode = "" Then
    FromCodeSelect = False
Else
    FromCodeSelect = True
End If
'Default empty selection to start/end
If FromCode = "" Or ToCode = "" Then
    ICPROD = OpenTable("ICPROD")
    ICPROD.IndexName = "Product"
    If FromCode = "" Then
        ICPROD.First
        FromCode = ICPROD.ProductCode
    End If
    If ToCode = "" Then
        ICPROD.Last
        ToCode = ICPROD.ProductCode
    End If
End If
Dim tblQty as Object
tblQty = ExecuteSQL(SQL,FromCode,ToCode)
Dim tblPivot as Object
tblPivot = PivotTable(tblQty, "ProductCode;Description", "LocationCode", "Sum(QuantityAvailable)", True)
'BrowseDataset(tblPivot)
TotalFields = tblPivot.Fields.Count
tblPivot.Fields.Item("ProductCode").Displaywidth = 20
tblPivot.Fields.Item("Description").Displaywidth = 40
tblPivot.Fields.Item(TotalFields - 1).DisplayLabel = "Total|Available"
For x = 2 to TotalFields - 2
    CurrentLabel = tblPivot.Fields.Item(x).DisplayLabel
    tblPivot.Fields.Item(x).DisplayLabel = Replace(CurrentLabel, "QuantityAvailable", "|Quantity|Available")
    tblPivot.Fields.Item(x).Displaywidth = 10
Next x
For x = 2 to TotalFields - 1
    tblPivot.Fields.Item(x).total = True
Next x
Dim Report as Object
Report = CreateReport(tblPivot, "IC Quantity by Location")
Report.Destination = "Screen"
Report.Run

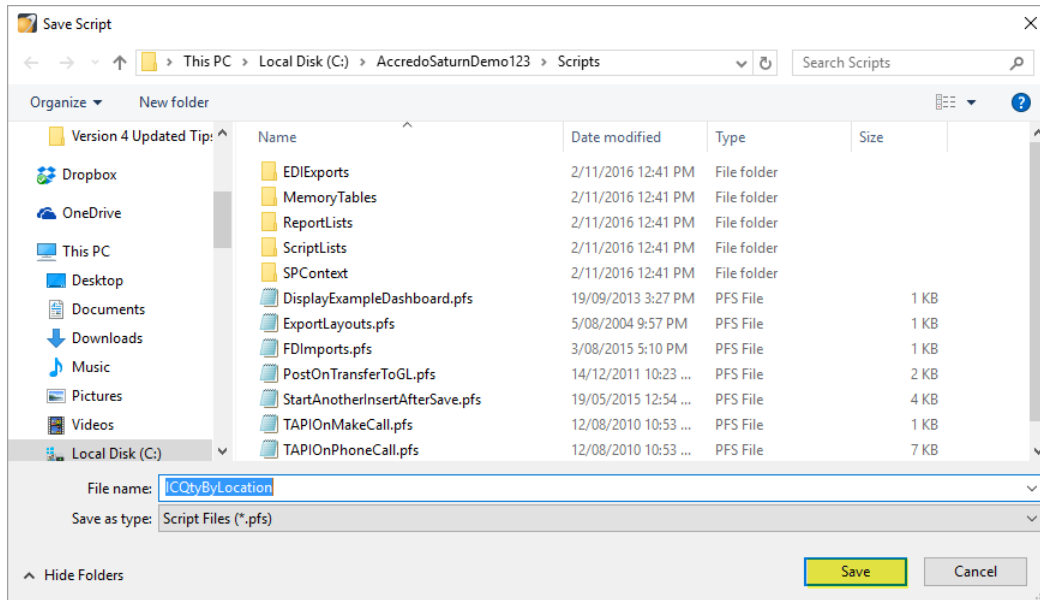
```


Open Accredo and go to Main Menu > Script > Script Editor. Press **Ctrl+V** to paste the code into the Script Editor.

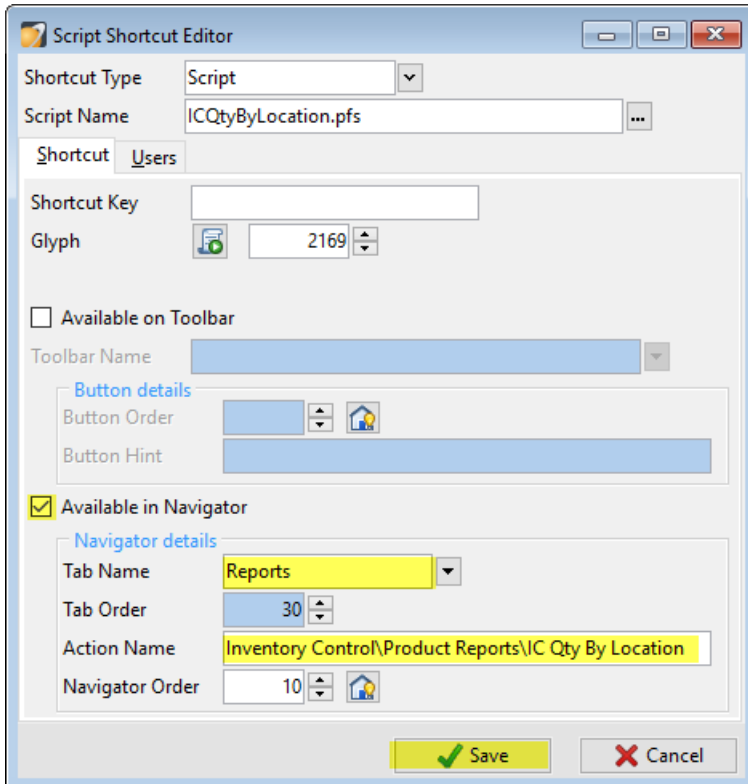


```
1 SQL = "SELECT ICProd.ProductCode " & _
2      ",ICPROD.Description " & _
3      ",ICQTY.LocationCode " & _
4      ",ICQTY.QuantityAvailable " & _
5 "FROM   ICPROD " & _
6      "JOIN ICQTY ON ICPROD.ProductCode=ICQTY.ProductCode " & _
7 "WHERE  ICProd.NonDiminishing = False " & _
8 "AND   ICProd.ProductCode BETWEEN :FromCode AND :ToCode " & _
9 "Order By ICProd.ProductCode , ICQty.LocationCode "
10 'Report Selections
11 Dim scForm as Object
12 scForm = CreateObject("Accredo.ScriptedForm")
13 scForm.Caption = "Locations Cross Tab Selections"
14 Dim FromCodeControl as Object
15 Dim ToCodesibling as Object
16 FromCodeControl = scForm.InputCode("FromCode","ICPROD", "Product - From", "",
17 scForm.SetValue("FromCode","")
18 ToCodesibling = scForm.InputCode("ToCode","ICPROD", "Product - To", "", False
19 ToCodesibling.Dittosibling = FromCodeControl
20 scForm.SetValue("ToCode","")
21 Do
22 If Not scForm.Execute Then
23 Abort("Report cancelled by user.")
24 Else
25 FromCode = scForm.GetValue("FromCode")
26 ToCode = scForm.GetValue("ToCode")
27 Exit Do
28 End If
29 Loop
30 If FromCode = "" And ToCode = "" then
31 FromCodeSelect = False
32 Else
33 FromCodeSelect = True
```

Click  **Save** (Ctrl+S) to save the script to your scripts folder. Save the script as **ICQtyByLocation**.



You can click  **Add Shortcut** (Alt+D) so you can run the script from the Navigator.



The **Script Shortcut Editor** dialog box is shown. It has two tabs: **Shortcut** and **Users**. The **Shortcut** tab is active. The **Shortcut Type** is set to **Script**. The **Script Name** is **ICQtyByLocation.pfs**. The **Shortcut Key** is empty. The **Glyph** is set to **2169**. The **Available on Toolbar** checkbox is unchecked. The **Toolbar Name** is empty. The **Button details** section shows **Button Order** as 1 and **Button Hint** as empty. The **Available in Navigator** checkbox is checked. The **Navigator details** section shows **Tab Name** as **Reports**, **Tab Order** as 30, **Action Name** as **Inventory Control\Product Reports\IC Qty By Location**, and **Navigator Order** as 10. At the bottom are **Save** and **Cancel** buttons.

Select **AVAILABLE IN NAVIGATOR**.

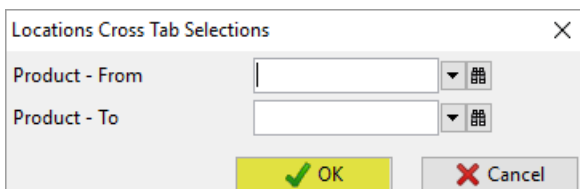
Set the **TAB NAME** to **Reports**.

In the **ACTION NAME** field, type **Inventory Control\Product Reports\IC Qty By Location**.

Click  **Save** (F9).

Now to go to **Navigator > Reports > Inventory Control > Product Reports** and you will see **IC Qty By Location**.

Click on the, then click **OK** to run the report for all Products, or you can make a product selection.



The **Locations Cross Tab Selections** dialog box is shown. It has a close button (X) in the top right corner. The **Product - From** and **Product - To** fields are empty. At the bottom are **OK** and **Cancel** buttons.

Your report will run to the screen.

IC Quantity by Location ABC Holdings Limited						30/09/2015 Page 1 of 1
<u>Product Code</u>	<u>Description</u>	<u>AKL Quantity Available</u>	<u>CHCH Quantity Available</u>	<u>FACT Quantity Available</u>	<u>TRANSIT Quantity Available</u>	<u>Total Available</u>
1.8MWWARDROBE	1800mmx1200mmx600mm Wardrobe	6.000	5.000			11.000
BCDRAW	350mmx340mm Drawer					
BEDCABINET	400mm x 500mm Bedside Cabinet	-81.000	-12.000	24.000	97.000	28.000
BLANKBOX	Rimu Blanket Box 1Mx50mmx60mm	27.000	22.000	2.000	3.000	54.000
BRASS52LOCK	Brass 52 Lock & Key	100.000	46.000	48.000		194.000
CDRAW	700mm x 430mm x 200mm Draw					
DDRAW	330mm x 340mm x 95mm D. Draw					
DRESSTABLE	4 Draw Dressing Table	-24.000	-7.000	15.000	34.000	18.000
LOWBOY	1550mm x 900mm x 450mm Lowboy	1.000	8.000		9.000	18.000
OVALMIRROR	Oval Mirror framed in Rimu	33.000	36.000	30.000		99.000
P25MMDR	25mm x 250mm Draw Runners	125.000	94.000	400.000		619.000
P30MMRRK	30mm Rimu 12Round Knob	220.000	121.000	432.000		773.000
P45MMRRK	45mm Rimu 12Round Knob	157.000	98.000	320.000		575.000
QUEENBED	Queen Size Rimu Bed	-6.000	-2.000	6.000	10.000	8.000
SMLBOOKCASE	1.5Mx1m x 200mm Bookcase	5.000	-12.000	20.000	7.000	20.000
STDBEDHEAD	Standard Double Bed Head	-5.000	-10.000	14.000	13.000	12.000
STDCHEST	800mm x 1400mm Std. Chest	-24.000	-9.000	17.000	36.000	20.000
T10MMRD	10mm Rimu Dowling	209.000	48.700	400.000		657.700

This is just a sample of what can be achieved. Contact your QSP or Accredo Support if you wish to modify your script to display other fields in this report.