PUEBLO COMPUTER SYSTEMS, INC.

Staying on the Keyboard
Vertical portal rows navigation from a specific field.

I received a request from a customer for faster data entry. As a rule, any given order can have upwards of 10+ entries of the same item.

They asked if I could allow them to navigate a portal using arrow keys. There was a twist, they wanted to move up/down from a specific field.

Any given order might have the same item 10 times with different color, size and qty. They would create 10 portal rows. Then populate the Style # for each entry followed by color for each entry, then size and qty.

	Order Items	Attachments	Packing Slip						

Style #	MFG	Item	Location	Color	Size	Quantity	Price	Total	
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	SWISS	BLACK	S ▼	3	$7.00	$21.00	🗑
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	SWISS	BLACK	M ▼	4	$7.00	$28.00	🗑
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	SWISS	BLACK	L ▼	5	$7.00	$35.00	🗑
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	SWISS	BLACK	XL ▼	3	$7.00	$21.00	🗑
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	SWISS	BLACK	2XL ▼	2	$8.50	$17.00	🗑
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	SWISS	BLACK	3XL ▼	1	$9.50	$9.50	🗑
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	AIRBORN	BLACK	S ▼	6	$7.00	$42.00	🗑
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	AIRBORN	BLACK	M ▼	6	$7.00	$42.00	🗑
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	AIRBORN	BLACK	L ▼	6	$7.00	$42.00	🗑
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	AIRBORN	BLACK	XL ▼	6	$7.00	$42.00	🗑
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	AIRBORN	BLACK	2XL ▼	6	$8.50	$51.00	🗑
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	AIRBORN	BLACK	3XL ▼	2	$9.50	$19.00	🗑
G2000 ▼	GLDN	100% COTTON HEAVY WT. TEE	AIRBORN	BLACK	4XL ▼	2	$9.50	$19.00	🗑

Enter Get (TriggerKeystroke) – this function returns a string that contains the characters typed that activated an OnObjectKeystroke or OnLayoutKeystroke script trigger.

Get (TriggerKeystroke) needs to be combined with the Code() function to evaluate the actual keystroke. Code (Get (TriggerKeystroke))

Code() – returns the Unicode code for the keystroke typed. There is a table of common keys in FM Pro documentation.

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Staying on the Keyboard (cont)

The first thing to determine is what Script Trigger to use. As this is initiated from a field I selected OnObjectKeystroke.

I also wanted to make the script modular. As the user would be starting in the field I decided to send the field name to the script as a parameter using Get (ActiveFieldName).

The field needs an object name as well. I chose to use the same value returned by Get (ActiveFieldName).

The Script!

```
Set Variable [ $$Prow; Value: Get ( ActivePortalRowNumber )]
If [ Code ( Get ( TriggerKeystroke )) = 29 //code for up arrow]
      If [ Get ( ActivePortalRow ) = 1 //if first portal row don't go up]
         Exit Script[]
      End If
      Go To Portal Row [ Select; Previous ]
      Go To Object [ Object Name: Get (ScriptParameter )]
Else If [ Code ( Get ( TriggerKeystroke )) = 31 //code for arrow down]
      If [ $$Prow = Count ( Orders_OrderLI|OrderID::zConstant1 )]
         Exit Script[]
      End If
      Go To Portal Row [ Select; Next ]
      Go To Object [ Object Name: Get (ScriptParameter )]
End If
```

To use this script for the next field all I had to do was setup the Script Trigger and send Get (ActiveFieldName) as the parameter. Done!!