



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

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!!