

OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: SoftScreen For Win95 Contrast Screen Date: 7/16/96 Name: Scott A. Kortier Page: 1 of 3

Description: Step by step instructions on how to make a contrast adjustment screen.

1. Create a <u>screen graphic</u> named CONT_ADJ, that looks similar to the following:



2. Edit the screen data named CONT_ADJ, and create two Event/Actions:

Data Editor: App1 (Screen: CONT_ADJ)		Det State	e Editor: App1 (Screen: C	ONT_ADJ)		
Event	Action	Evi	ent		Aglion	
Key press	Assignment		ey press	2	Assignment	2
Key. UPanow	Tag name (Destination). [Contrast_Value		ayi Xawin anraw 📲		Teg name (Destinatio Contrast_Value	n):
	Taginame (Source): Contrast_Up_Value				Taginame (Source) [Contrast_Down_Value	2
vent->Actions			H>Actions:			
(ey press(UP errow) Assign Cont	rast_Value = Contrast_U Add	Key	press(UP arrow) press(Down arrow)		st_Value = Contrast_L st_Value = Contrast_C	Edd
	Moore					Movelap
	<u>1000</u>				2	NOTE TO MI
Neneral/Data Entry Links/	11	the second se	eneral (Data Entry Lines /		101	

Remember to change the Key: and Source: and to click on Add each time.

3. Now go to the <u>Data - Application - Constants</u> menu and define the following:

AN#1022B



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AN# 1022B

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stants)		Data Editor: App1 (Const.	ents)	
Constant]3	Edd	Tag Name: Contrast_Down_Value	Qonstant: -3	bad
Constants List		Tag Names List	Constants List	
1		Contrast_Down_Value		
	ercoe			Bamove
	The outgot			Move Up
	Idress Cresser			Rourown
11	2			н
	Constant 3 Constants List D 3	Constant 3	Constant 3 Constant Constants Constants Contrast_Down_Value Tag Nomes Contrast_Up_Value Contrast_Contrast_Up_Value Contrast_Contr	Constant Add 3 Add Constants List. Contrast_Covm_Velue 0 3

Remember to change the Tag Name, and Constant value and click on Add each time.

4. Go to the <u>Data - Drivers - Internal</u> menu and add a Tag as shown below:

jmannel Address:	Contrest	3		
E granina an	C (m _{ap} engl))	F		
Nome				- p
Nome Contract_Value		_	-	<u></u>
The second se			٦	Benov Move U



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5. Make a way to get to this screen and return from it. Compile and Download.

Notes: The internal driver is used to assign a Tag Name to the variable called Contrast, now we can use it by referencing Contrast_Value. The Up and Down arrows write a 3 or -3 to Contrast_Value, thus causing the contrast to go up or down in increments of 3. These values of 3 and -3 can be changed in the <u>Data - Application - Constants</u> if a more coarse or fine adjustment is needed. Try 5, -5 for a more coarse adjustment and try 1, -1 for a more fine adjustment.