OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: Incrementing and Decrementing a value   AN# 1023A

Date: 3/19/97

Name: Steve Vargo

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Description: This application note will guide you in creating an application that will increment and decrement a value in your 3XXX using SoftScreen for Windows 95.

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1. Make a graphical screen as shown below with the name "TEST". There are only two data points on this screen. Everything else you see is just regular text and drawn box objects. The screen below the TEST SCREEN is what your Application Navigator should look like.

This is Data Display.
Tag Name is:
DISPLAY_VALUE

This is Data Entry.
Tag Name is:
DISPLAY_VALUE

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2. This screen shows you what you need to set up in the Data Screens for the screen TEST. You get here from the Application Navigator. Choose Data Screens then click on the screen named TEST.
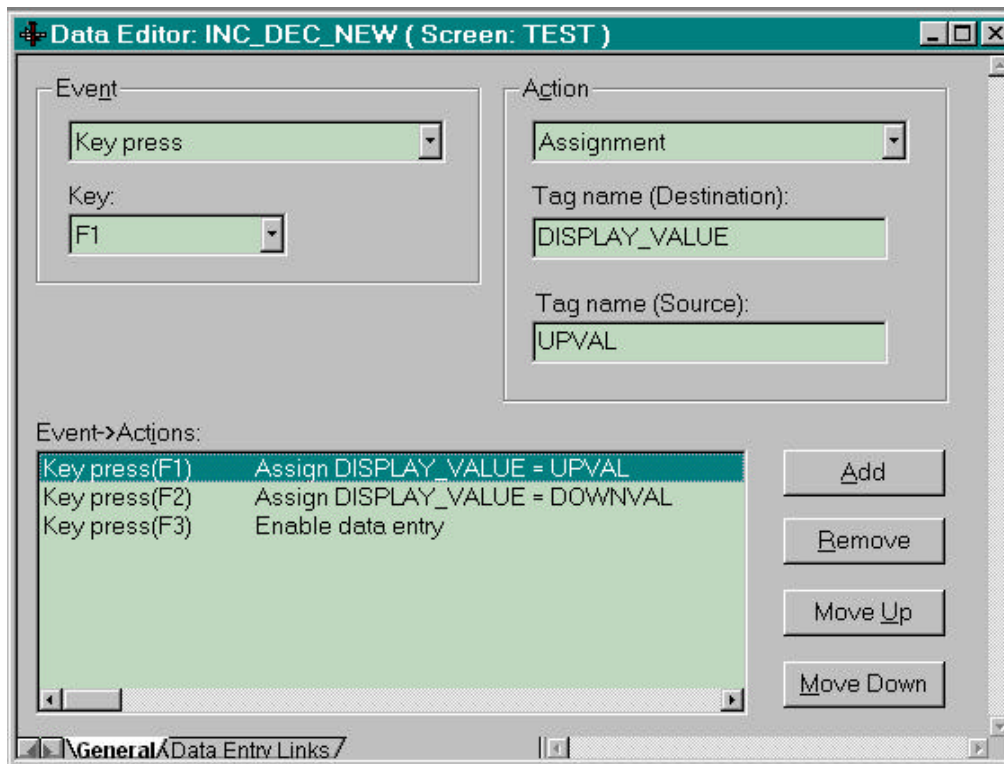
Data Editor: INC_DEC_NEW (Screen: TEST)

Event

Key press

Key:
F1

Action

Assignment

Tag name (Destination):
DISPLAY_VALUE

Tag name (Source):
UPVAL

Event->Actions:

Key press(F1)	Assign DISPLAY_VALUE = UPVAL
Key press(F2)	Assign DISPLAY_VALUE = DOWNVAL
Key press(F3)	Enable data entry

Add

Remove

Move Up

Move Down

\General \ Data Entry Links /

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3. From the Application Navigator go to Data Drivers and click on Internal and setup up the screen as shown below. Note: If you were to use a PLC address instead of an internal you would go into Data Drivers then your PLC and set the tag DISPLAY_VALUE in there.

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4. This is where you would set up your expressions. Go into Application Navigator and choose Data Application. You then would choose expressions and enter the information as shown below. After this you can Generate then Download your TEST application. Just another note.. The value that is used is just an example. You can use a variable or another constant. for example VALUE+10 would jump a value of ten when pressed. You will also need to press and release and press the F1 or F2 key again to keep incrementing or decrementing. This acts similar to a jogging function.