

ScreenCreator Revision History

Version **Description of changes**

1.0 (Oct 8, 1998)

Disabled the Allen-Bradley (A-B) driver.

1.01 (Oct 22, 1998)

New features

1. Supported bit-level writing for the A-B PLCs.
2. Fixed the error messages of the 'ERRPTS' part on the global screen.
'CH? Is a communication' -> 'CH? Communication error'
(Missing a word 'error')
3. Fixed standard parts #CAA1002/#MAA1002.
These parts had the same problem as item #2.
4. Fixed the Trend Graph (Data Storing) parts.
The 'Reco' button -> the 'Rec.' button
5. Fixed the texture/bitmap access problem:
When a texture/bitmap was opened, if it was already deleted, a page access error occurred and the ScreenCreator was forcibly closed.

V1.10 (Dec 22, 1998)

New features

1. Added SC help.

Problems Fixed

1. Added new Warning Display parts (#CLA2011, #CLA2021, #MLA2011, #MLA2021) which keep the status of warning bits regardless of the PLC, keeping each ON/OFF state.
2. Added new Screen Select Control Parts (#CAB3101, #MAB3101).
3. Enabled the 'Printer' and 'Bar Code Reader' options in the Project Properties window.
4. Replaced the README.TXT file with the one PDK provided.

Problems Fixed

1. Piping Light parts for the mono panel (#MLL5101-5166) had operation parameters named in Japanese.
2. The colors of Pushbutton parts for the host command communication are changed to green (ON color) and dark green (OFF color).
3. ScreenCreator froze when a Numerical Display control was set to a bid address and the Double Word option was selected.
4. When a part was put on another part, if the lower part received a display refresh command, the panel displayed the lower part on the upper part.

V1.11 (Feb 15, 1999)

Problems Fixed

1. When the double-word option was selected in the numerical display part, a compile error occurred. This is fixed.
2. The text display parts (#?LM2001-2012 and #?LM3001-3012) could not display more than 20 characters. (Note: This problem was fixed, but new text display parts can display up to 40 characters. This limitation saves space in the panel's internal memory.)
3. When the current local screen on the panel was changed to a screen which had a part control part, the part control part would attempt to open the related part even if it was already opened. This is fixed.
4. The maximum number of bars in the bar graph part was 127, but ScreenCreator would accept numbers above 127. The Line graph/zone/circle part had the same problem. These have been fixed.
5. When the closed option and the selectable option were selected in the part properties window, the outline of the access area was cut off.
6. The specification of the part control part changed. According to the old specification, when the value in the related device in the PLC was 1, the part control part opened the related part. When the value was 0, the part control part closed the related part. According to the new specification, when the value in the related device in the PLC is except 0, the part control part opens the related part. When the value is 0, the part control part closes the related part.

V1.13 (August 24, 1999)

New features

1. Added Allen-Bradley Micrologix support.
2. New part for writing to the PLC clock (DirectLOGIC only).
3. New Floating Point Displays.
4. Support for non-standard bitmap files.

Problems Fixed

1. When attempting to access Allen-Bradley SLC 500 clock/calendar addresses on a Micrologix project, there is now an error reported.
2. Removed K-Basic programming and viewing.
3. Separated out Circular Scale, Line-Shaped Scale and Polygon from Macro under the Create menu.
4. Improved access to bitmap files.
5. A 16 color (empty) bitmap for the user to draw on that uses the same colors as on the panel. The sample folder now includes 2 such bitmaps.
6. Lamps and Pipes are now BIN (Binary) by default
7. Registered Text Displays now configure automatically for Word or Bit addresses with Starting Text Reg. Number.
8. Windows NT printing problem solved.
9. In the [Part properties] window, the template input fields no longer erases the bottom division-border when data is inputted.
10. The Allen-Bradley PLC driver Bug has been repaired. This bug (with some Allen-Bradley PLC projects) resulted in entire words being cleared when a bit in that word is set or cleared. This was also fixed using the pobmake.exe file posted on the SC web page. **This fix was released (by Pobmake.dll) on July 21, 1999 on the website.**
11. Floating point addressing was repaired for Allen-Bradley SLCs.

Pobmake.dll (September 24, 1999)

Problems Fixed

1. Floating point addressing was repaired for Allen-Bradley SLCs. (This was not actually fixed as stated above in V1.13). The problem showed up in this way:
F8:0 in the PLC is F8:0 on the panel.
F8:1 in the PLC is F8:2 on the panel.
F8:2 in the PLC is F8:4 on the panel.
F8:3 in the PLC is F8:6 on the panel.
F8:4 in the PLC is F8:8 on the panel.

V1.14 (December 9, 1999)

New features

1. Added standard Modbus protocol support.
2. Added Think & Do (Modbus) protocol support for use with the WinPLC.
3. The following vertical parts were created:
 - trend graph
 - data storing trend graph
 - bar/line graph
 - pareto chart
 - warning display (Bit addresses)

V1.15 (January 7, 2000)

New features

1. Added new Pushbutton with ON/OFF Text parts.
2. Added DP-321 panels to DP-320 panel references.