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MICPosPrinter and MIC Page Builder Tutorial.pdf 1.0

MICPosPrinter and MIC Page Builder Tutorial

Note: Please follow the Installation and Demonstration document prior to following this document.

Note: Numbers that appear in parentheses; for example, “(12)”, indicate a reference to the item numbered “12” on the MIC Page Builder Legend.

This document requires the test application with the MIC Page Builder feature. The test application is a modification of Microsoft’s POS for .NET Test Application. The difference in this application is that the MIC Page Builder feature has been added. MIC Page Builder is a form that facilitates building pages in Page Mode without modifying code. The following document will act as a demonstration of MICPosPrinter used in the provided application. More specifically, it will demonstrate MICPosPrinter’s Page Mode functionality within the MIC Page Builder form.

Step 1: Run the Application

This can be done in two ways. The first way is to open the project solution (.sln) in Visual Studio and run the application from the green play button. The second way is to locate the built executable (.exe) and run it. The executable is located in the “<Test Application folder>/Source/bin/Release” folder.

Step 2: Open, Claim, and Enable the Printer

Expand the PosPrinter section in the Tree View on the left. If the desired printer logical device name does not appear in the application; either the service object has not been installed, or a logical device name has not been added. Follow the Installation and Demonstration document for information on how to do these.

Select the desired PosPrinter logical device name and the click the “Open” button. Once the printer has been opened, click the “Claim” button. Once the printer has been claimed, click the “DeviceEnabled” check box. The printer should now be ready for use.

Step 3: Open the MIC Page Builder Form

Click the “MIC Page Builder” button on the PosPrinter section of the main form. This will open a new form, which is the MIC Page Builder.

Step 4: Check Health

On the MIC Page Builder form, click the “Check Health” button (46). This performs a query of the printer’s status and returns the status of each printer feature. The returned statuses appear in the text box (47) beneath the “Check Health” button (46).

Step 5: Enter Page Mode

Click the “Page Mode Print” button (2) to enter Page Mode. On the right side of the MIC Page Builder form you will see a box (48) containing an LDS2 script. This script represents the current state of the page that is being constructed. The panel (49) on the far right represents what the page will look like once it’s printed. Currently, it is a blank white rectangle with an aspect ratio matching the page size configured through the device manager application. When items such as text or bitmaps are added to the page, they will appear on the right as the intersection of two small black lines at the items’ insertion points.

Step 6: Add Print Items

Double click on the white rectangle (49) representing the printed label. This will set the Page Mode Horizontal Position and Page Mode Vertical Position. Together, these will act as the insertion point of any added print items. Then, type in the “Data” text box (19) next to the “Print Normal” button (18). Then, click the “Print Normal” button (18). This will add a text field to the page. Change the insertion point and add more print items as desired.

Step 7: Print Page

The drop down box (3) next to the “Page Mode Print” button (2) contains options regarding what to do with the current page. Click the drop down box (3) next to the “Page Mode Print” button (2) and select the desired option. Using the “Print Page” option allows the page to be printed without exiting Page Mode. After the page is printed using this option, it can continue to be modified and printed again. Selecting “Print Page and Exit” will exit Page Mode after printing the current page while selecting “Exit” will exit Page Mode without printing the current page. When exiting Page Mode, the current page and its print items are discarded. Re-entering Page Mode will yield a new blank page.

The controls pictured below refer to standard functions or properties from the POS for .NET 1.14 library. More information can be found about individual controls in the provided “MICPosPrinter and MIC Page Builder Reference Guide” document or in the POS for .NET 1.14 specification document.

MIC Page Builder Legend

