Oracle® Retail MICROS Stores2
Functional Document
Stores2 CE Client Side Printing
Release 1.20-1.39

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Oracle® Retail MICROS Stores2 Functional Document Stores2 CE Client Side Printing, Release 1.20-1.39

Stores 2CE client side printing

Script creation with CPCL language

Report developed by:
Fortech Italia srl

Fabio Galli

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Note: The rebranding for the latest version of this documentation set is in development as part of post MICROS acquisition activities. References to former MICROS product names may exist throughout this existing documentation set.

1 Introduction

This document analyzes how to configure a layout used to print labels in goods receiving and client side printing.

2 Creation of a layout

It is possible to create two types of layout:

- <LAYOUTDISCOUNTNOTZERO>: the layout is used when the read product has a discount value other then zero.

- <LAYOUTDEFAULT>: default layout used when the LAYOUTDISCOUNTNOTZERO tag or the product has a discount equal to zero.

It is possible to declare both inside a script while it is not possible to declare a LAYOUTDISCOUNTNOTZERO without having entered a LAYOUTDEFAULT.
If you don't need a LAYOUTDISCOUNTNOTZERO you can omit the LAYOUTDEFAULT tag.
Both the tags need to comply with the closing tag (</LAYOUTDEFAULT> and </LAYOUTDISCOUNTNOTZERO>) and contain the text which needs to be printed on the label.

3 CPCL commands

- Label heading: Syntax:
  ! GAP RESX RESY HEIGHT QTY
  Where GAP is the space to separate the various elements, RESX and RESY indicate the DPI resolution used for printing, HEIGHT the label height and QTY the number of labels to be printed.
  This element must be placed after the layout tag declaration.

- TEXT: this command is used to send the text to the printer. Syntax:
  TEXT FF FS X Y TESTO
  Where FF is the font family, FS is the font dimension, X and X represent the coordinates for positioning the text and TESTO is the text which needs to be printed.

- INPUT: used to add an image to the printer cache. Syntax:
  INPUT 2 (IMG_NAME)
  IMG_NAME must be replaced with the .PCX image that needs to be sent to the printer. See the printer documents for the supported formats.

- PCX: performs the printing of an image in the printer cache. Syntax:
  PCX x y !< IMG_NAME
  x and y are the coordinates used to position the image while IMG_NAME is the image name.

- FORM: indicates to the printer to position at the next label after having performed the printing.

- PRINT: performs the layout printing.

4 Placeholders

Stores2CE allows the use of placeholders to dynamically replace their values during the printing procedure. To correctly perform the printing the placeholders need to be preceded by the TEXT command to select the positioning of the text and the font to use.

- <BARCODE>: prints the barcode read by the scanner.

- <GROSSPRICE>: gross price.

- <NETPRICE>: gross price. (ndt: non dovrebbe essere prezzo netto = net price)

- <DISCOUNT>: discount.

- <NODEINVOICEADDRESSCOMPANYNAME>: description of the node company; if not present the node description will be displayed.

- <NODEINVOICEADDRESSADDRESS>: address of the node company: the address and country city will be chained; if there is no node company the corresponding node information will be displayed.

- <NODEINVOICEADDRESSCOUNTRY>: country of the node company: the description will be displayed in the country language; if there is no node company the corresponding node information will be displayed.

- <NODEINVOICEADDRESSDESCRIPTION1>: The 4 additional node company descriptions: in one of these the phone number can be entered.

- <NODEINVOICEADDRESSDESCRIPTION2>

- <NODEINVOICEADDRESSDESCRIPTION3>

- <NODEINVOICEADDRESSDESCRIPTION4>

- <SEATINVOICEADDRESSCOMPANYNAME>: description of the head office node company; if not present the head office node description will be displayed.

- <SEATINVOICEADDRESSADDRESS>: address of the head office node company: the address and country city will be chained; if there is no node company the corresponding node information will be displayed.

- <SEATINVOICEADDRESSCOUNTRY>: country of the head office node company: the description will be displayed in the country language; if there is no node company the corresponding node information will be displayed.

- <MADE-IN>: displays the country the product is under.

5 Dynamic placeholders

These tags are used to create and position dynamic elements based on product characteristics.

- <MIX>: displays the product composition. Syntax:
  <MIX:X-Y-FF-FS-GAPX-GAPY-LAYOUT>
  X and Y represent the positioning of the first composition, FF and FS are the font family and size, GAPX and GAPY represent the vertical and horizontal margin for each element produced by tag processing.
  Currently it is only possible to specify 1 as the LAYOUT value which corresponds to the following representation:

  Main fabric: CO 80% - PL 20%
  Lining: VI 100%

- <TREATMENT>: displays the treatments associated with the product. Syntax:
  <TREATMENT:X-Y-FF-FS-GAPX-GAPY-LAYOUT>
  The parameters are the same ones as the <MIX> tag. The only value managed for the layout is 1 which displays the treatment images on the same line and spaced with the space set with the GAPX value.

- <PRODUCTPARMS>: displays the product parameters. Syntax:
  <PRODUCTPARMS: X-Y-FF-FS-GAPX-GAPY-LAYOUT>
  The parameters are the same ones as the <MIX> tag. The only value managed for the layout is 1 which displays the value of parameters by positioning them based on the GAPX and GAPY values.

- <VARIANTPARMS>: displays the variant parameters. Syntax:
  <VARIANTPARMS: X-Y-FF-FS-GAPX-GAPY-LAYOUT>
  The parameters are the same ones as the <MIX> tag. The only value managed for the layout is 1 which displays the value of parameters by positioning them based on the GAPX and GAPY values.

6 Script example

```
<LAYOUTDISCOUNTNOTZERO>
! 0 200 200 480 1
TEXT 0 0 10 1 BARCODE: <BARCODE>
FORM
PRINT
</LAYOUTDISCOUNTNOTZERO>

<LAYOUTDEFAULT>
! 0 200 200 480 1
TEXT 0 0 10 1 BARCODE: <BARCODE>
TEXT 0 0 10 20 L: <GROSSPRICE> N:<NETPRICE> S:<DISCOUNT>
<MIX:10-39-0-0-0-19-1>
TEXT 0 0 10 87 MADE-IN: <MADE-IN>
<VARIANTPARMS:10-106-0-0-0-19-1>
<PRODUCTPARMS:10-125-0-0-0-19-1>
TEXT 0 0 10 258 Soc.nodo : <NODEINVOICEADDRESSCOMPANYNAME>
TEXT 0 0 10 277 Ind.soc.nodo: <NODEINVOICEADDRESSADDRESS>
TEXT 0 0 10 296 Naz.soc.nodo: <NODEINVOICEADDRESSCOUNTRY>
TEXT 0 0 10 315 Ind.Desc.Agg1: <NODEINVOICEADDRESSDESCRIPTION1>
TEXT 0 0 10 334 Ind.Desc.Agg2: <NODEINVOICEADDRESSDESCRIPTION2>
TEXT 0 0 10 353 Ind.Desc.Agg3: <NODEINVOICEADDRESSDESCRIPTION3>
TEXT 0 0 10 372 Ind.Desc.Agg4: <NODEINVOICEADDRESSDESCRIPTION4>
TEXT 0 0 10 391 Desc.soc.sede: <SEATINVOICEADDRESSCOMPANYNAME>
TEXT 0 0 10 410 Ind.soc.sede: <SEATINVOICEADDRESSADDRESS>
TEXT 0 0 10 429 Naz.soc.sede: <SEATINVOICEADDRESSCOUNTRY>
FORM
PRINT
</LAYOUTDEFAULT>
```

7 CPCL programming manual