

PL/PDF

PL/PDF Barcode

User's Guide

v5.0

PL/PDF

Contents

code39	1
code39	1
ean13	1
upc_a	1
b2of5	2
pdf417	2
postnet	2
code128	3
code128w	3
code128ABC	3
qrsiz	4
qrco	4
datamatrixsiz	4
qrco	4
aztecsiz	5
azteccode	5

code39

Type: Procedure

Description: Create "Code39" barcodes.

Version: v3.4.0

Parameters:

- p_x number: X coordinate for the top left corner of the barcode
- p_y number: Y coordinate for the top left corner of the barcode
- pp_code varchar2: Value of the barcode.
- p_basewidth number: Width of a bar.
- p_barheight number: Height of a bar.
- p_gap number default null: gap between barcode and text. null = no print text
- p_font_type plpdf_type.t_row_font record default null: Font type of printed text

Return: -

code39

Type: Procedure

Description: Create "Code39" barcodes.

Version: v3.4.0

Parameters:

- p_x number: X coordinate for the top left corner of the barcode
- p_y number: Y coordinate for the top left corner of the barcode
- p_width number: width of draw frame
- p_height number: height of a bar
- p_code varchar2: value of barcode
- p_gap number default null: gap between barcode and text. null = no print text
- p_font_type plpdf_type.t_row_font record default null: Font type of printed text.

Return: -

ean13

Type: Procedure

Description: Create "EAN13" barcodes.

Version: v4.6.0

Parameters:

- p_x number: X coordinate for the top left corner of the barcode
- p_y number: Y coordinate for the top left corner of the barcode
- p_code varchar2: value of barcode
- p_basewidth number: width of a bar
- p_height number: height of a bar
- p_gap number: gap between barcode and text. 0 = no print text
- p_font_type plpdf_type.t_row_font record default null: Font type of printed text.

Return: -

upc_a

Type: Procedure

Description: Create "UPC-A" barcodes.

Version: v1.2.3

Parameters:

- p_x number: X coordinate for the top left corner of the barcode
- p_y number: Y coordinate for the top left corner of the barcode
- p_code varchar2: value of barcode
- p_basewidth number: width of a bar
- p_height number: height of a bar
- p_gap number default null: gap between barcode and text. null = no print text
- p_font_type plpdf_type.t_row_font record default null: Font type of printed text.

Return: -

b2of5

Type: Procedure

Description: Create "2 of 5 interleaved code" barcodes.

Version: v1.2.3

Parameters:

- p_x number: X coordinate for the top left corner of the barcode
- p_y number: Y coordinate for the top left corner of the barcode
- p_code varchar2: value of barcode
- p_basewidth number: width of a bar
- p_height number: height of a bar
- p_gap number default null: gap between barcode and text. null = no print text
- p_font_type plpdf_type.t_row_font record default null: Font type of printed text.

Return: -

pdf417

Type: Procedure

Description: Create "PDF417" barcodes.

Version: v2.3.1

Parameters:

- p_x number: X coordinate for the top left corner of the barcode
- p_y number: Y coordinate for the top left corner of the barcode
- p_code varchar2: value of barcode
- p_basewidth number: width of a bar
- p_height number: height of a bar
- p_secu number default -1: The hoped security level, -1 = automatic
- p_nbc col number default -1: The hoped number of data MC columns, -1 = automatic

Return: -

postnet

Type: Procedure

Description: Create "PostNet" barcodes.

Version: v1.3.1

Parameters:

- p_x number: X coordinate for the top left corner of the barcode
- p_y number: Y coordinate for the top left corner of the barcode
- p_code varchar2: The code is a zipcode for barcode. Zipcode form is "99999" or "99999-9999"

Return: -

code128

Type: Procedure

Description: Create "Code128" barcodes. see <http://www.adams1.com/pub/russadam/128code.html>

Version: v2.1.1

Parameters:

- p_x number: X coordinate for the top left corner of the barcode
- p_y number: Y coordinate for the top left corner of the barcode
- p_code varchar2: value of barcode
- p_basewidth number: width of a bar
- p_height number: height of a bar

Return: -

code128w

Type: Procedure

Description: Create "Code128" barcodes. see <http://www.adams1.com/pub/russadam/128code.html>

Version: v2.0.0

Parameters:

- p_x number: X coordinate for the top left corner of the barcode
- p_y number: Y coordinate for the top left corner of the barcode
- p_code varchar2: value of barcode
- p_width number: width of the barcode
- p_height number: height of a bar

Return: -

code128ABC

Type: Procedure

Description: Create "Code128" barcodes. This procedure handles Code 128 barcodes (A, B and C). All the 128 ASCII characters are available. A, B and C character sets are automatically selected according to the value to print.

Version: v3.0.0

Parameters:

- p_x number: X coordinate for the top left corner of the barcode
- p_y number: Y coordinate for the top left corner of the barcode
- p_code varchar2: value of barcode
- p_width number: width of the barcode
- p_height number: height of a bar

Return : -

qrsiz

Type: Function

Description: Calculates the size of the QR code from a text input.

Version: v3.2.0

Parameters :

- p_text varchar2: the text to convert into barcode
- p_level varchar2: error-correction level of the barcodeL - 7% data recoveryM - 15% data recoveryQ - 25% data recoveryH - 30% data recovery
- p_micro boolean: generates microQR, if the text fits into its size

Return: Size of the QRCode barcode

qrcode

Type: Procedure

Description: Create "QR-code" barcodes. All the letters, numbers and special characters are available. Algorithm automatically selects the type and size of the barcode depending on its characters and error-correction level.

Version: v3.2.0

Parameters :

- p_x number: X coordinate for the top left corner of the barcode
- p_y number: Y coordinate for the top left corner of the barcode
- p_text varchar2: the text to convert into barcode
- p_level varchar2: error-correction level of the barcodeL - 7% data recoveryM - 15% data recoveryQ - 25% data recoveryH - 30% data recovery
- p_scale number: The scale to enlarge the barcode
- p_micro boolean: generates microQR, if the text fits into its size

Return : -

datamatrixsize

Type: Function

Description: Calculate the size of the datamatrix from a text input.

Version: v3.2.0

Parameters :

- p_text varchar2: the text to convert into barcode. Maximum length of alphanumeric text: 1304, numeric text: 2608

Return : -

qrcode

Type: Procedure

Description: Create "Datamatrix" barcodes. All the letters, numbers and special characters are available. Algorithm automatically selects the size of the barcode depending on its characters.

Version: v3.2.0

Parameters :

- p_x number: X coordinate for the top left corner of the barcode
- p_y number: Y coordinate for the top left corner of the barcode

PL/PDF

- p_text varchar2 : the text to convert into barcode
- p_scale number : The scale to enlarge the barcode greater than 1

Return : -

aztecsize

Type: Procedure

Description: Calculates the size of the Aztec Code code from a text and error correction input.

Version: v3.5.0

Parameters :

- p_text varchar2 : the text to convert into barcode
- p_sec number : The security level of correction in percent. 2-90

Return : -

azteccode

Type: Procedure

Description: Create "Aztec Code" barcodes. All the letters, numbers and special characters are available. Algorithm automatically selects the size of the barcoded depending on its characters.

Version: v3.5.0

Parameters :

- p_x number : X coordinate for the top left corner of the barcode
- p_y number : Y coordinate for the top left corner of the barcode
- p_text varchar2 : the text to convert into barcode
- p_sec number : The error correction level. 2-90
- p_scale number : The scale to enlarge the barcode, greater than 1

Return : -