

***PL/PDF***

**PL/PDF Barcode**

User's Guide

v5.0

# ***PL/PDF***

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## 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: -

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## 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

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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: v2.1.1.1

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

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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

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- 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 barcode 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 : -