

PL/PDF

PL/PDF Cell
User's Guide
v5.9

PL/PDF

Contents

PL/PDF Cell package	1
init	2
setLastCellHeight	2
getLastCellHeight	2
setMargin	2
getMargin	2
setLeftMargin	2
setRightMargin	2
setTopMargin	3
setBottomMargin	3
getLeftMargin	3
getRightMargin	3
getTopMargin	3
getBottomMargin	3
setBorderColor	4
getBorderColor	4
setLeftBorderColor	4
setRightBorderColor	4
setTopBorderColor	4
setBottomBorderColor	4
getLeftBorderColor	5
getRightBorderColor	5
getTopBorderColor	5
getBottomBorderColor	5
setBorderWidth	5
getBorderWidth	5
setLeftBorderWidth	6
setRightBorderWidth	6
setTopBorderWidth	6
setBottomBorderWidth	6
getLeftBorderWidth	6
getRightBorderWidth	6
getTopBorderWidth	7
getBottomBorderWidth	7
setPadding	7
getPadding	7
setLeftPadding	7
setRightPadding	7
setTopPadding	8
setBottomPadding	8
getLeftPadding	8
getRightPadding	8
getTopPadding	8
getBottomPadding	8
setBackgroundColor	9
getBackgroundColor	9

PL/PDF

setFontName	9
setFontSize	9
setFontBold	9
setFontItalic	9
setFontUnderline	10
getFontName	10
getFontSize	10
getFontBold	10
getFontItalic	10
getFontUnderline	10
setTextColor	11
getTextColor	11
PrintCell	11
printMultilineCell	11
printImageCell	12
crCell	13
crCellXhtml	13
crImageCell	14
printCode39BarcodeCell	14
crCode39BarcodeCell	15

PL/PDF Cell package

PL/PDF Cell printing package.

init

Type: Procedure
Description: Initializes (reset) program variables.
Version: v3.0.0
Parameters: -
Return: -

setLastCellHeight

Type: Procedure
Description: Set last cell height global variable.
Version: v3.0.0
Parameters:
- p_height number default null: Height of the line break.
Return: -

getLastCellHeight

Type: Function
Description: Get last cell height global variable.
Version: v3.0.0
Parameters: -
Return: number: Height of line break

setMargin

Type: Procedure
Description: Sets the cell margin size.
Version: v3.0.0
Parameters:
- p_margin number: Margin size
Return: -

getMargin

Type: Function
Description: Gets the cell margin size.
Version: v3.0.0
Parameters: -
Return: number: Margin size

setLeftMargin

Type: Procedure
Description: Sets the cell left margin size.
Version: v3.0.0
Parameters:
- p_margin number: Margin size
Return: -

setRightMargin

Type: Procedure
Description: Sets the cell right margin size.
Version: v3.0.0
Parameters:
- p_margin number : Margin size
Return: -

setTopMargin

Type: Procedure
Description: Sets the cell top margin size.
Version: v3.0.0
Parameters:
- p_margin number : Margin size
Return: -

setBottomMargin

Type: Procedure
Description: Sets the cell bottom margin size.
Version: v3.0.0
Parameters:
- p_margin number : Margin size
Return: -

getLeftMargin

Type: Function
Description: Gets the cell left margin size.
Version: v3.0.0
Parameters: -
Return: number : Size of left margin

getRightMargin

Type: Function
Description: Gets the cell right margin size.
Version: v3.0.0
Parameters: -
Return: number : Size of right margin

getTopMargin

Type: Function
Description: Gets the cell top margin size.
Version: v3.0.0
Parameters: -
Return: number : Size of top margin

getBottomMargin

Type: Function
Description: Gets the cell bottom margin size.
Version: v3.0.0
Parameters: -
Return: number: Size of bottom margin

setBorderColor

Type: Procedure
Description: Sets the cell border color.
Version: v3.0.0
Parameters:
- p_color plpdf_type.t_color: Border color
Return: -

getBorderColor

Type: Function
Description: Gets the cell border color.
Version: v3.0.0
Parameters: -
Return: plpdf_type.t_color: Border color

setLeftBorderColor

Type: Procedure
Description: Sets the cell left border color.
Version: v3.0.0
Parameters:
- p_color plpdf_type.t_color: Border color
Return: -

setRightBorderColor

Type: Procedure
Description: Sets the cell right border color.
Version: v3.0.0
Parameters:
- p_color plpdf_type.t_color: Border color
Return: -

setTopBorderColor

Type: Procedure
Description: Sets the cell top border color.
Version: v3.0.0
Parameters:
- p_color plpdf_type.t_color: Border color
Return: -

PL/PDF

setBottomBorderColor

Type: Procedure
Description: Sets the cell bottom border color.
Version: v3.0.0
Parameters:
- p_color plpdf_type.t_color : Border color
Return: -

getLeftBorderColor

Type: Function
Description: Gets the cell left border color.
Version: v3.0.0
Parameters: -
Return: plpdf_type.t_color : Border color

getRightBorderColor

Type: Function
Description: Gets the cell right border color.
Version: v3.0.0
Parameters: -
Return: plpdf_type.t_color : Border color

getTopBorderColor

Type: Function
Description: Gets the cell top border color.
Version: v3.0.0
Parameters: -
Return: plpdf_type.t_color : Border color

getBottomBorderColor

Type: Function
Description: Gets the cell bottom border color.
Version: v3.0.0
Parameters: -
Return: plpdf_type.t_color : Border color

setBorderWidth

Type: Procedure
Description: Sets the cell border width.
Version: v3.0.0
Parameters:
- p_width number : Border width
Return: -

getBorderWidth

Type: Function
Description: Gets the cell border width.
Version: v3.0.0
Parameters: -
Return: plpdf_type.t_color: Border color

setLeftBorderWidth

Type: Procedure
Description: Sets the cell left border width.
Version: v3.0.0
Parameters:
- p_width number: Border width
Return: -

setRightBorderWidth

Type: Procedure
Description: Sets the cell right border width.
Version: v3.0.0
Parameters:
- p_width number: Border width
Return: -

setTopBorderWidth

Type: Procedure
Description: Sets the cell top border width.
Version: v3.0.0
Parameters:
- p_width number: Border width
Return: -

setBottomBorderWidth

Type: Procedure
Description: Sets the cell bottom border width.
Version: v3.0.0
Parameters:
- p_width number: Border width
Return: -

getLeftBorderWidth

Type: Function
Description: Gets the cell left border width.
Version: v3.0.0
Parameters: -
Return: number: Border width

getRightBorderWidth

Type: Function
Description: Gets the cell right border width.
Version: v3.0.0
Parameters: -
Return: number : Border width

getTopBorderWidth

Type: Function
Description: Gets the cell top border width.
Version: v3.0.0
Parameters: -
Return: number : Border width

getBottomBorderWidth

Type: Function
Description: Gets the cell bottom border width.
Version: v3.0.0
Parameters: -
Return: number : Border width

setPadding

Type: Procedure
Description: Sets the cell padding.
Version: v3.0.0
Parameters:
- p_padding number : Padding width
Return: -

getPadding

Type: Function
Description: Gets the cell padding width.
Version: v3.0.0
Parameters: -
Return: number : Padding width

setLeftPadding

Type: Procedure
Description: Sets the cell left padding.
Version: v3.0.0
Parameters:
- p_padding number : Padding width
Return: -

setRightPadding

Type: Procedure

Description: Sets the cell right padding.

Version: v3.0.0

Parameters:

- p_padding number: Padding width

Return: -

setTopPadding

Type: Procedure

Description: Sets the cell top padding.

Version: v3.0.0

Parameters:

- p_padding number: Padding width

Return: -

setBottomPadding

Type: Procedure

Description: Sets the cell bottom padding.

Version: v3.0.0

Parameters:

- p_padding number: Padding width

Return: -

getLeftPadding

Type: Function

Description: Gets the cell left padding width.

Version: v3.0.0

Parameters: -

Return: number: Padding width

getRightPadding

Type: Function

Description: Gets the cell right padding width.

Version: v3.0.0

Parameters: -

Return: number: Padding width

getTopPadding

Type: Function

Description: Gets the cell top padding width.

Version: v3.0.0

Parameters: -

Return: number: Padding width

getBottomPadding

Type: Function

PL/PDF

Description: Gets the cell bottom padding width.

Version: v3.0.0

Parameters: -

Return: number: Padding width

setBackgroundcolor

Type: Procedure

Description: Sets the cell background color.

Version: v3.0.0

Parameters:

- p_color plpdf_type.t_color: Background color

Return: -

getBackgroundColor

Type: Function

Description: Gets the cell background color.

Version: v3.0.0

Parameters: -

Return: plpdf_type.t_color: Background color

setFontName

Type: Procedure

Description: Sets the cell font name.

Version: v3.0.0

Parameters:

- p_fontname varchar2: Font Name, see PL/PDF fonts

Return: -

setFontSize

Type: Procedure

Description: Sets the cell font size.

Version: v3.0.0

Parameters:

- p_size number: Font Size, see PL/PDF fonts

Return: -

setFontBold

Type: Procedure

Description: Sets the cell font bold property.

Version: v4.2.0

Parameters:

- p_bold boolean default true: Bold or not bold

Return: -

setFontItalic

PL/PDF

Type: Procedure

Description: Sets the cell font italic property.

Version: v4.2.0

Parameters:

- p_italic boolean default true: Italic or not italic

Return: -

setFontUnderline

Type: Procedure

Description: Sets the cell font underline property.

Version: v4.2.0

Parameters:

- p_underline boolean default true: Underline or not underline

Return: -

getFontName

Type: Function

Description: Gets the cell font name.

Version: v3.0.0

Parameters: -

Return: varchar2: Font name

getFontSize

Type: Function

Description: Gets the cell font size.

Version: v3.0.0

Parameters: -

Return: number: Font size

getFontBold

Type: Function

Description: Gets the cell font bold property.

Version: v3.0.0

Parameters: -

Return: boolean: Font is bold or not

getFontItalic

Type: Function

Description: Gets the cell font italic property.

Version: v3.0.0

Parameters: -

Return: boolean: Font is italic or not

getFontUnderline

Type: Function

PL/PDF

Description: Gets the cell font underline property.

Version: v3.0.0

Parameters: -

Return: boolean: Font is underlined or not

setTextColor

Type: Procedure

Description: Sets the cell text color.

Version: v3.0.0

Parameters:

- p_color plpdf_type.t_color: Text color

Return: -

getTextColor

Type: Function

Description: Gets the cell text color property.

Version: v3.0.0

Parameters: -

Return: plpdf_type.t_color: The text color

PrintCell

Type: Procedure

Description: Draws a rectangle cell with text inside. The rectangle is similar as CSS box model.

Version: v3.0.0

Parameters:

- p_width number default null: Rectangle width, null: uses minimum cell width
- p_height number default null: Rectangle height, null: uses minimum cell height
- p_text varchar2: Text of the cell
- p_link varchar2 default null: Hyperlink or internal link of the cell
- p_align varchar2 default plpdf3.c_left: Text alignment in cell
 - o plpdf3.c_left: left
 - o plpdf3.c_right: right
 - o plpdf3.c_center: center
 - o plpdf3.c_justified: justified
- p_vert_align varchar2 default plpdf3.c_center: Text vertical alignment in cell
 - o plpdf3.c_center: center
 - o plpdf3.c_top: top
 - o plpdf3.c_bottom: bottom
- p_indent number default 0: Indentation of the text
- p_ln number default plpdf_const.beside: Cursor position after the cell is printed
 - o plpdf_const.beside: Beside the cell
 - o plpdf_const.newline: New line
 - o plpdf_const.under: Under the cell

Return: -

printMultilineCell

Type: Procedure

Description: Draws a rectangle cell with multiline text inside. The rectangle is similar as CSS box model.

Version: v3.0.0

Parameters:

- p_width number default null: Rectangle width, null: uses minimum cell width
- p_height number default null: Rectangle height, null: uses minimum cell height
- p_text varchar2: Text of the cell
- p_link varchar2 default null: Hyperlink or internal link of the cell
- p_align varchar2 default plpdf3.c_left: Text alignment in cell
 - o plpdf3.c_left: left
 - o plpdf3.c_right: right
 - o plpdf3.c_center: center
- p_vert_align varchar2 default plpdf3.c_center: Text vertical alignment in cell
 - o plpdf3.c_center: center
 - o plpdf3.c_top: top
 - o plpdf3.c_bottom: bottom
- p_indent number default 0: First line indent
- p_ln number default plpdf_const.beside: Cursor position after the cell is printed
 - o plpdf_const.beside: Beside the cell
 - o plpdf_const.newline: New line
 - o plpdf_const.under: Under the cell

Return: -

printImageCell

Type: Procedure

Description: Draws a rectangle cell with image inside. The rectangle is similar as CSS box model.

Version: v3.0.0

Parameters:

- p_width number default null: Rectangle width, null: uses minimum cell width
- p_height number default null: Rectangle height, null: uses minimum cell height
- p_name varchar2: name of image
- p_data blob: image
- p_img_width number default null: Image width, null: uses original image width
- p_img_height number default null: Image height, null: uses original image height
- p_link varchar2 default null: Hyperlink or internal link of the cell
- p_align varchar2 default plpdf3.c_left: Text alignment in cell
 - o plpdf3.c_left: left
 - o plpdf3.c_right: right
 - o plpdf3.c_center: center
- p_vert_align varchar2 default plpdf3.c_center: Text vertical alignment in

- cell
- o plpdf3.c_center: center
- o plpdf3.c_top: top
- o plpdf3.c_bottom: bottom
- p_ln number default plpdf_const.beside: Cursor position after the cell is printed
- o plpdf_const.beside: Beside the cell
- o plpdf_const.newline: New line
- o plpdf_const.under: Under the cell

Return: -

crCell

Type: Function

Description: Creates cell for plpdf_row.addCell procedure.

Version: v3.0.0

Parameters:

- p_width number default null: Rectangle width, null: uses minimum cell width
- p_height number default null: Rectangle height, null: uses minimum cell height
- p_text varchar2: Text of the cell
- p_link varchar2 default null: Hyperlink or internal link of the cell
- p_align varchar2 default plpdf3.c_left: Text alignment in cell
 - o plpdf3.c_left: left
 - o plpdf3.c_right: right
 - o plpdf3.c_center: center
 - o plpdf3.c_justified: justified
- p_vert_align varchar2 default plpdf3.c_center: Text vertical alignment in cell
 - o plpdf3.c_center: center
 - o plpdf3.c_top: top
 - o plpdf3.c_bottom: bottom
- p_ln number default plpdf_const.beside: Cursor position after the cell is printed
 - o plpdf_const.beside: Beside the cell
 - o plpdf_const.newline: New line
 - o plpdf_const.under: Under the cell
- p_indent number default 0: Indentation of the text

Return: plpdf_cell.t_cell: Returns the created cell

crCellXhtml

Type: Function

Description: Create XHTML formatted cell. You can use XHTML tag in the text.

Like b - bold, i - italic,

Version: v3.6.0

Parameters:

- p_width number default null: Rectangle width, null: uses minimum cell width
- p_height number default null: Rectangle height, null: uses minimum cell height
- p_text varchar2: Text of the cell

PL/PDF

- p_vert_align varchar2 default plpdf3.c_center : Text vertical alignment in cell
 - o plpdf3.c_center: center
 - o plpdf3.c_top: top
 - o plpdf3.c_bottom: bottom

Return : plpdf_cell.t_cell : Returns the created cell

crImageCell

Type: Function

Description : Creates a rectangle cell with image inside. The rectangle is similar as CSS box model.

Version: v3.0.1

Parameters :

- p_width number default null : Rectangle width, null: uses minimum cell width
- p_height number default null : Rectangle height, null: uses minimum cell height
- p_name varchar2 : name of image
- p_data blob : image
- p_img_width number default null : Image width, null: uses original image width
- p_img_height number default null : Image height, null: uses original image height
- p_link varchar2 default null : Hyperlink or internal link of the cell
- p_align varchar2 default plpdf3.c_left : Text alignment in cell
 - o plpdf3.c_left: left
 - o plpdf3.c_right: right
 - o plpdf3.c_center: center
- p_vert_align varchar2 default plpdf3.c_center : Text vertical alignment in cell
 - o plpdf3.c_center: center
 - o plpdf3.c_top: top
 - o plpdf3.c_bottom: bottom

Return : plpdf_cell.t_cell : Returns the created cell

printCode39BarcodeCell

Type: Procedure

Description : Draws a rectangle cell with Code39 barcode inside. The rectangle is similar as CSS box model.

Version: v3.4.0

Parameters :

- p_width number default null : Rectangle width, null: uses minimum cell width
- p_height number default null : Rectangle height, null: uses minimum cell height
- p_data varchar2 : value of the barcode
- p_gap number default null : gap between barcode and text. null = no print text
- p_font plpdf3.t_font default null : print text of font type
- p_barcode_width number default null : Barcode width, null: uses cell width
- p_barcode_height number default null : Barcode height, null: uses cell height

PL/PDF

- p_link varchar2 default null : Hyperlink or internal link of the cell
- p_align varchar2 default plpdf3.c_left : Text alignment in cell
 - o plpdf3.c_left: left
 - o plpdf3.c_right: right
 - o plpdf3.c_center: center
- p_vert_align varchar2 default plpdf3.c_center : Text vertical alignment in cell
 - o plpdf3.c_center: center
 - o plpdf3.c_top: top
 - o plpdf3.c_bottom: bottom
- p_ln number default plpdf_const.beside : Cursor position after the cell is printed
 - o plpdf_const.beside: Beside the cell
 - o plpdf_const.newline: New line
 - o plpdf_const.under: Under the cell

Return : -

crCode39BarcodeCell

Type: Function

Description: Creates a rectangle cell with Code39 barcode inside. The rectangle is similar as CSS box model.

Version: v3.4.0

Parameters :

- p_width number default null : Rectangle width, null: uses minimum cell width
- p_height number default null : Rectangle height, null: uses minimum cell height
- p_data varchar2 : value of the barcode
- p_gap number default null : gap between barcode and text. null = no print text
- p_font plpdf3.t_font default null : print text of font type
- p_barcode_width number default null : Barcode width, null: uses cell width
- p_barcode_height number default null : Barcode height, null: uses cell height
- p_link varchar2 default null : Hyperlink or internal link of the cell
- p_align varchar2 default plpdf3.c_left : Text alignment in cell
 - o plpdf3.c_left: left
 - o plpdf3.c_right: right
 - o plpdf3.c_center: center
- p_vert_align varchar2 default plpdf3.c_center : Text vertical alignment in cell
 - o plpdf3.c_center: center
 - o plpdf3.c_top: top
 - o plpdf3.c_bottom: bottom

Return : plpdf_cell.t_cell : Returns the created cell