

PL/PDF

PL/PDF Cell
User's Guide
v4.4.0

PL/PDF

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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: -

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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

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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

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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

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- 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

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- 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