

PL/PDF

PL/PDF Row Print

User's Guide

v2.3.0

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Types

t_cell

Type: record

Description: Contains all properties of the cells.

Version: v2.3.0

Fields:

- width number: Cell width, default: null: minimum cell width.
- height number: Cell height, default: null: minimum cell height.
- text varchar2: Text, required.
- border varchar2: Border, default: null: no border.
- border_color plpdf_type.t_color: Border color, default: null: current line color.
- border_width number: Border width, default: null: current line width.
- align varchar2: Alignment, default: null: 'L'.
- vert_align_line varchar2: Vertical alignment of text in a line, default: null: 'C'.
- vert_align varchar2: Vertical alignment of text content (lines), default: null: 'T'.
- fill_color plpdf_type.t_color: Filling color, default: null: no fill.
- maxline number: Maximum number of lines, default: null: no max line.
- link varchar2: Link, default: null: no link.
- clipping number: Clipping mode, default: null: no clipping.
- min_height number: Minimum height, default: null: no min height.
- font_family varchar2: Font type, default: null: current font family.
- font_style varchar2: Font style, default: null: current font style.
- font_size number: Font size, default: null: current font size.
- font_color plpdf_type.t_color: Font color, default: null: current font color.
- rotate90 boolean: Rotate cell with 90 degree

t_row

Type: record

Description: Array of t_cells.

Version: v2.2.1

Procedures

SetCellWidth

Type: Procedure

Description: Initialize the array of the cells.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.

Return: -

SetCell

Type: Procedure

Description: Sets the cell into the indexed place.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_cell t_cell: Cell.

Return: -

SetCellWidth

Type: Procedure

Description: Sets the width of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_width number: Width of the cell.

Return: -

SetCellHeight

Type: Procedure

Description: Sets the height of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_height number: Height of the cell.

Return: -

SetCellText

Type: Procedure

Description: Sets the text of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_text varchar2: Text.

Return: -

SetCellBorder

Type: Procedure

Description: Sets the border of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_border varchar2: Border.

Return: -

SetCellBorderColor

Type: Procedure

Description: Sets the border color of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_border_color plpdf_type.t_color: Border color.

Return: -

SetCellBorderWidth

Type: Procedure

Description: Sets the border width of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_border_width number: Border width.

Return: -

SetCellAlign

Type: Procedure

Description: Sets the alignment of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_align varchar2: Alignment of the cell.
 - o L: left (default)
 - o R: right
 - o C: center
 - o J: justified

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Return: -

SetCellVerticalAlignLine

Type: Procedure

Description: Sets the vertical alignment of the indexed cell text in lines.

Version: v2.3.0

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_vert_align_line varchar2: Vertical alignment of the cell's line.
 - o C: center (default)
 - o T: top
 - o B: bottom

Return: -

SetCellVerticalAlign

Type: Procedure

Description: Sets the vertical alignment of the indexed cell.

Version: v2.3.0

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_vert_align_line varchar2: Vertical alignment of the cell's line.
 - o T: top (default)
 - o C: center
 - o B: bottom

Return: -

SetCellFillColor

Type: Procedure

Description: Sets the fill color of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_fill_color plpdf_type.t_color: Fill color.

Return: -

SetCellMaxline

Type: Procedure

Description: Sets the maximum number of lines in the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_maxline number: Maximum number of lines in a multi-line cell.

Return: -

SetCellLink

Type: Procedure

Description: Sets the link of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_link varchar2: Link of the cell.

Return: -

SetCellClipping

Type: Procedure

Description: Sets the clipping mode of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_clipping number: Clipping text.
 - o 0: no clipping
 - o 1: clipping

Return: -

SetCellMinheight

Type: Procedure

Description: Sets the minimum height of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_min_height number: Minimum height.

Return: -

SetCellFontFamily

Type: Procedure

Description: Sets the font type of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_font_family varchar2: Font family.
 - o Helvetica (Arial, Sans Serif)
 - o Courier
 - o Times (Serif)
 - o Symbol
 - o ZapfDingBats
 - o If TTF fonts were added using the AddTTF procedure then they may be used here as well.

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Return: -

SetCellFontStyle

Type: Procedure

Description: Sets the font style of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_font_style varchar2: Font style.
 - o null: Regular
 - o B: Bold
 - o I: Italic
 - o U: Underline
 - o The styles may be combined (i.e. BI will be Bold and Italic)

Return: -

SetCellFontSize

Type: Procedure

Description: Sets the font size of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_font_size number: Font size.

Return: -

SetCellFontColor

Type: Procedure

Description: Sets the font color of the indexed cell.

Version: v2.2.1

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.
- p_font_color plpdf_type.t_color: Font color.

Return: -

SetCellRotate

Type: Procedure

Description: Sets the rotate (90 degree) of the indexed cell.

Version: v2.3.0

Parameters:

- p_row t_row: All properties of the row.
- p_cell_index pls_integer: Index of the cell.

Return: -

Print

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Type: Procedure

Description: Prints a full row in the PDF document. The rows consist of multi-line cells. The row's height is set according to the largest cell.

Version: v2.3.0

Parameters:

- p_row t_row: All properties of the row.

Return: -

Row_Print

Type: Procedure

Description: Prints a full row in the PDF document. The rows consist of multi-line cells. The row's height is set according to the largest cell.

Version: v2.2.1

Parameters:

- p_data plpdf_type.t_row_datas: Data shown in the cells
- p_width plpdf_type.t_row_widths: Width of the cells
- p_align plpdf_type.t_row_aligns: Alignment of the cells
- p_h number default 5: Height of the cells
- p_fill number default 0: Fill
 - o 0: no fill
 - o 1: fill with current fill color
- p_min_height number default 0: Minimal height of row, 0 means that this parameter is not used
- p_clipping number default 0: Clipping text
 - o 0: no clipping
 - o 1: clipping

Return: -

Row_Print2

Type: Procedure

Description: Prints a full row in the PDF document. The rows consist of multi-line cells. The row's height is set according to the largest cell.

Version: v2.2.1

Parameters:

- p_data plpdf_type.t_row_datas: Data shown in the cells
- p_border plpdf_type.t_row_borders: Border array of the cells
- p_width plpdf_type.t_row_widths: Width of the cells
- p_align plpdf_type.t_row_aligns: Alignment of the cells
- p_style plpdf_type.t_row_styles: Style of the cells
- p_maxline plpdf_type.t_row_maxlines: Maximum number of lines in a multi-line cell
- p_h number default 5: Height of the cells
- p_fill number default 0: Fill
 - o 0: no fill
 - o 1: fill with current fill color
- p_min_height number default 0: Minimal height of row, 0 means that this parameter is not used
- p_clipping number default 0: Clipping text
 - o 0: no clipping

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o 1: clipping

Return: -

Row_Print2

Type: Procedure

Description: Prints a full row in the PDF document. The rows consist of multi-line cells. The row's height is set according to the largest cell.

Version: v2.2.1

Parameters:

- p_data plpdf_type.t_row_datas: Data shown in the cells
- p_border plpdf_type.t_row_borders: Border array of the cells
- p_width plpdf_type.t_row_widths: Width of the cells
- p_align plpdf_type.t_row_aligns: Alignment of the cells
- p_style plpdf_type.t_row_styles: Style of the cells
- p_maxline plpdf_type.t_row_maxlines: Maximum number of lines in a multi-line cell
- p_h number default 5: Height of the cells
- p_fill Plpdf_Type.t_row_filles: Fill colors
- p_min_height number default 0: Minimal height of row, 0 means that this parameter is not used
- p_clipping number default 0: Clipping text
 - o 0: no clipping
 - o 1: clipping

Return: -

Row_Print3

Type: Procedure

Description: Prints a full row in the PDF document. The rows consist of multi-line cells. The row's height is set according to the largest cell.

Version: v2.2.1

Parameters:

- p_data plpdf_type.t_row_datas: Data shown in the cells
- p_border plpdf_type.t_row_borders: Border array of the cells
- p_width plpdf_type.t_row_widths: Width of the cells
- p_align plpdf_type.t_row_aligns: Alignment of the cells
- p_style plpdf_type.t_row_styles: Style of the cells
- p_maxline plpdf_type.t_row_maxlines: Maximum number of lines in a multi-line cell
- p_links plpdf_type.t_row_links: Links of the cells
- p_h number default 5: Height of the cells
- p_fill number default 0: Fill
 - o 0: no fill
 - o 1: fill with current fill color
- p_min_height number default 0: Minimal height of row, 0 means that this parameter is not used
- p_clipping number default 0: Clipping text
 - o 0: no clipping
 - o 1: clipping

Return: -

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Row_Print3

Type: Procedure

Description: Prints a full row in the PDF document. The rows consist of multi-line cells. The row's height is set according to the largest cell.

Version: v2.2.1

Parameters:

- p_data plpdf_type.t_row_datas: Data shown in the cells
- p_border plpdf_type.t_row_borders: Border array of the cells
- p_width plpdf_type.t_row_widths: Width of the cells
- p_align plpdf_type.t_row_aligns: Alignment of the cells
- p_style plpdf_type.t_row_styles: Style of the cells
- p_maxline plpdf_type.t_row_maxlines: Maximum number of lines in a multi-line cell
- p_links plpdf_type.t_row_links: Links of the cells
- p_h number default 5: Height of the cells
- p_fill Plpdf_Type.t_row_filles: Fill color
- p_min_height number default 0: Minimal height of row, 0 means that this parameter is not used
- p_clipping number default 0: Clipping text
 - o 0: no clipping
 - o 1: clipping

Return: -

Row_Print4

Type: Procedure

Description: Prints a full row in the PDF document. The rows consist of multi-line cells. The row's height is set according to the largest cell.

Version: v2.2.1

Parameters:

- p_data plpdf_type.t_row_datas: Data shown in the cells
- p_width plpdf_type.t_row_widths: Width of the cells
- p_align plpdf_type.t_row_aligns: Alignment of the cells
- p_font plpdf_type.t_row_fonts: Font of the cells (Family is required)
- p_h number default 5: Height of the cells
- p_fill number default 0: Fill
 - o 0: no fill
 - o 1: fill with current fill color
- p_min_height number default 0: Minimal height of row, 0 means that this parameter is not used
- p_clipping number default 0: Clipping text
 - o 0: no clipping
 - o 1: clipping

Return: -

Row_Print4

Type: Procedure

Description: Prints a full row in the PDF document. The rows consist of multi-line cells. The row's height is set according to the largest cell.

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Version: v2.2.1

Parameters:

- p_data plpdf_type.t_row_datas: Data shown in the cells
- p_border plpdf_type.t_row_borders: Border array of the cells
- p_width plpdf_type.t_row_widths: Width of the cells
- p_align plpdf_type.t_row_aligns: Alignment of the cells
- p_font plpdf_type.t_row_fonts: Font of the cells (Family is required)
- p_maxline plpdf_type.t_row_maxlines: Maximum number of lines in a multi-line cell
- p_h number default 5: Height of the cells
- p_fill number default 0: Fill
 - o 0: no fill
 - o 1: fill with current fill color
- p_min_height number default 0: Minimal height of row, 0 means that this parameter is not used
- p_clipping number default 0: Clipping text
 - o 0: no clipping
 - o 1: clipping

Return: -

Row_Print4

Type: Procedure

Description: Prints a full row in the PDF document. The rows consist of multi-line cells. The row's height is set according to the largest cell.

Version: v2.2.1

Parameters:

- p_data plpdf_type.t_row_datas: Data shown in the cells
- p_border plpdf_type.t_row_borders: Border array of the cells
- p_width plpdf_type.t_row_widths: Width of the cells
- p_align plpdf_type.t_row_aligns: Alignment of the cells
- p_font plpdf_type.t_row_fonts: Font of the cells (Family is required)
- p_maxline plpdf_type.t_row_maxlines: Maximum number of lines in a multi-line cell
- p_links plpdf_type.t_row_links: Links of the cells
- p_h number default 5: Height of the cells
- p_fill number default 0: Fill
 - o 0: no fill
 - o 1: fill with current fill color
- p_min_height number default 0: Minimal height of row, 0 means that this parameter is not used
- p_clipping number default 0: Clipping text
 - o 0: no clipping
 - o 1: clipping

Return: -

Row_Print4

Type: Procedure

Description: Prints a full row in the PDF document. The rows consist of multi-line cells. The row's height is set according to the largest cell.

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Version: v2.2.1

Parameters:

- p_data plpdf_type.t_row_datas: Data shown in the cells
- p_border plpdf_type.t_row_borders: Border array of the cells
- p_width plpdf_type.t_row_widths: Width of the cells
- p_align plpdf_type.t_row_aligns: Alignment of the cells
- p_font plpdf_type.t_row_fonts: Font of the cells (Family is required)
- p_maxline plpdf_type.t_row_maxlines: Maximum number of lines in a multi-line cell
- p_h number default 5: Height of the cells
- p_fill Plpdf_Type.t_row_filles: Fill color
- p_min_height number default 0: Minimal height of row, 0 means that this parameter is not used
- p_clipping number default 0: Clipping text
 - o 0: no clipping
 - o 1: clipping

Return: -

Row_Print4

Type: Procedure

Description: Prints a full row in the PDF document. The rows consist of multi-line cells. The row's height is set according to the largest cell.

Version: v2.2.1

Parameters:

- p_data plpdf_type.t_row_datas: Data shown in the cells
- p_border plpdf_type.t_row_borders: Border array of the cells
- p_width plpdf_type.t_row_widths: Width of the cells
- p_align plpdf_type.t_row_aligns: Alignment of the cells
- p_font plpdf_type.t_row_fonts: Font of the cells (Family is required)
- p_maxline plpdf_type.t_row_maxlines: Maximum number of lines in a multi-line cell
- p_links plpdf_type.t_row_links: Links of the cells
- p_h number default 5: Height of the cells
- p_fill Plpdf_Type.t_row_filles: Fill colors
- p_min_height number default 0: Minimal height of row, 0 means that this parameter is not used
- p_clipping number default 0: Clipping text
 - o 0: no clipping
 - o 1: clipping

Return: -