

***PL/PDF***

**PLPDF3\_CHART**

User's Guide

v4.3.0

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## Init

Type: Procedure

Description: Initializes the variables used to create charts.

Version: v4.3.0

Parameters:

- p\_type t\_chart\_type: The type of the chart.

Return: -

## setChartTitle

Type: Procedure

Description: Sets the text and properties of the Chart Title.

Version: v4.0.0

Parameters:

- p\_x number default null: X position of the Chart Title.
- p\_y number default null: Y position of the Chart Title.
- p\_title varchar2: The title of the chart.
- p\_angle number default 0: Rotation of the chart title.
- p\_caps plpdf3.t\_caps default plpdf3.c\_smallcaps: Sets the capital settings of the title.
- p\_font plpdf\_type.v2avg default null: Font type
- p\_italic boolean default false: Italic
- p\_bold boolean default false: Bold
- p\_size number default 14: Font Size
- p\_rtl boolean default false: Right to Left text
- p\_text\_color plpdf\_type.t\_color default null: Font Color
- p\_box plpdf3.t\_box default null: Box of the title.

Return: -

## addCategory

Type: Procedure

Description: Adds a category to the chart.

Version: v4.0.0

Parameters:

- p\_textValue varchar2: Name of the category
- p\_color plpdf\_type.t\_color default null: Color of the category's sector in pie chart

Return: -

## addDataSet

Type: Procedure

Description: Adds a DataSet to the chart.

Version: v4.0.0

Parameters:

- p\_name varchar2: Name of the DataSet
- p\_color plpdf\_type.t\_color default null: Color of the DataSet

Return: -

## setDatasetLabel

Type: Procedure

Description: Sets the properties of the data set labels.

Version: v4.0.0

Parameters:

- p\_position t\_common\_pos: Position of the data labels.

Return: -

## addValue

Type: Procedure

Description: Adds a value to the current data set.

Version: v4.0.0

Parameters:

- p\_value number: Value.
- p\_idx pls\_integer: Index in the data set.

Return: -

## setBarProperties

Type: Procedure

Description: Sets the properties of the bars in the column or row chart.

Version: v4.0.0

Parameters:

- p\_direction t\_bar\_direction: Direction of the bars.
- p\_gap number default null: Gap between the bars.
- p\_overlap number default null: Overlap of the bars.

Return: -

## setEntireChartDataLabels

Type: Procedure

Description: Sets the properties of the data labels for the entire chart.

Version: v4.0.0

Parameters:

- p\_position t\_common\_pos: Position

Return: -

## setXAxisTitle

Type: Procedure

Description: Sets the properties of the Horizontal Axis Title.

Version: v4.0.0

Parameters:

- p\_x number default null: X position
- p\_y number default null: Y position
- p\_title varchar2: The title of the axis.
- p\_angle number default 0: Rotation of the axis title.
- p\_caps plpdf3.t\_caps default plpdf3.c\_smallcaps: Sets the capital settings of the title.

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- p\_font plpdf\_type.v2avg default null : Font type
- p\_italic boolean default false : Italic
- p\_bold boolean default false : Bold
- p\_size number default 14 : Font Size
- p\_text\_color plpdf\_type.t\_color default plpdf\_const.Black : Font Color

Return : -

## setYAxisTitle

Type: Procedure

Description: Sets the properties of the Vertical Axis Title.

Version: v4.0.0

Parameters :

- p\_x number default null : X position
- p\_y number default null : Y position
- p\_title varchar2 : The title of the axis.
- p\_angle number default 270 : Rotation of the axis title.
- p\_caps plpdf3.t\_caps default plpdf3.c\_smallcaps : Sets the capital settings of the title.
- p\_font plpdf\_type.v2avg default null : Font type
- p\_italic boolean default false : Italic
- p\_bold boolean default false : Bold
- p\_size number default 14 : Font Size
- p\_text\_color plpdf\_type.t\_color default null : Font Color

Return : -

## setXAxisScaling

Type: Procedure

Description: Sets the minimum and maximum value of the X axis (in the case of Row chart).

Version: v4.0.0

Parameters :

- p\_min number default null : Minimum value.
- p\_max number default null : Maximum value.
- p\_orientation t\_orientation default c\_minMax : Orientation of the values.

Return : -

## setYAxisScaling

Type: Procedure

Description: Sets the minimum and maximum values of the Y axis.

Version: v4.0.0

Parameters :

- p\_min number default null : Minimum value.
- p\_max number default null : Maximum value.
- p\_orientation t\_orientation default c\_minMax : Orientation of the values.

Return : -

## setXMajorGridLine

# PL/PDF

Type: Procedure

Description: Sets the properties of the horizontal major grid lines.

Version: v4.0.0

Parameters:

- p\_lineType t\_outline\_type default c\_sng: Type of the lines.
- p\_color plpdf\_type.t\_color: Color of the lines.
- p\_dashType t\_dashType default c\_dash: Dashing style.
- p\_alpha pls\_integer default 0: Transparency percent.
- p\_width number default 0.75: Line width.

Return: -

## setYMajorGridLine

Type: Procedure

Description: Sets the properties of the vertical major grid lines.

Version: v4.0.0

Parameters:

- p\_lineType t\_outline\_type default c\_sng: Type of the lines.
- p\_color plpdf\_type.t\_color: Color of the lines.
- p\_dashType t\_dashType default c\_dash: Dashing style.
- p\_alpha pls\_integer default 0: Transparency percent.
- p\_width number default 0.75: Line width.

Return: -

## setXMinorGridLine

Type: Procedure

Description: Sets the properties of the horizontal minor grid lines.

Version: v4.0.0

Parameters:

- p\_lineType t\_outline\_type default c\_sng: Type of the lines.
- p\_color plpdf\_type.t\_color: Color of the lines.
- p\_dashType t\_dashType default c\_dash: Dashing style.
- p\_alpha pls\_integer default 0: Transparency percent.
- p\_width number default 0.75: Line width.

Return: -

## setYMinorGridLine

Type: Procedure

Description: Sets the properties of the vertical minor grid lines.

Version: v4.0.0

Parameters:

- p\_lineType t\_outline\_type default c\_sng: Type of the lines.
- p\_color plpdf\_type.t\_color: Color of the lines.
- p\_dashType t\_dashType default c\_dash: Dashing style.
- p\_alpha pls\_integer default 0: Transparency percent.
- p\_width number default 0.75: Line width.

Return: -

## setXTickMarks

Type: Procedure

Description: Sets the properties of the tick marks on the horizontal axis.

Version: v4.0.0

Parameters:

- p\_major t\_tickMark default c\_out: Type of the major tick mark.
- p\_minor t\_tickMark default null: Type of the minor tick marks.
- p\_labelPosition t\_tickLblPos: Tick label positions.
- p\_labelFormat: Format of the tick labels.

Return: -

## setYTickMarks

Type: Procedure

Description: Sets the properties of the tick marks on the vertical axis.

Version: v4.0.0

Parameters:

- p\_major t\_tickMark default c\_out: Type of the major tick mark.
- p\_minor t\_tickMark default null: Type of the minor tick marks.
- p\_labelPosition t\_tickLblPos: Tick label positions.
- p\_labelFormat: Format of the tick labels.

Return: -

## setXAxisLine

Type: Procedure

Description: Sets the properties of the horizontal axis line.

Version: v4.0.0

Parameters:

- p\_lineType t\_outline\_type default c\_sng: Type of the line.
- p\_color plpdf\_type.t\_color default null: Color of the line.
- p\_dashType t\_dashType default c\_dash: Dashing style.
- p\_alpha pls\_integer default 0: Transparency percent.
- p\_width number default 0.75: Line width.
- p\_crosses t\_crosses default c\_autoZero: Defines where does the two axis meet each other.
- p\_showAxis boolean default true: Visibility of the axis.

Return: -

## setYAxisLine

Type: Procedure

Description: Sets the properties of the vertical axis line.

Version: v4.0.0

Parameters:

- p\_lineType t\_outline\_type default c\_sng: Type of the line.
- p\_color plpdf\_type.t\_color default null: Color of the line.
- p\_dashType t\_dashType default c\_dash: Dashing style.
- p\_alpha pls\_integer default 0: Transparency percent.
- p\_width number default 0.75: Line width.
- p\_crosses t\_crosses default c\_autoZero: Defines where does the two axis meet each other.

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- p\_showAxis boolean default true : Visibility of the axis.

Return : -

## setXLabels

Type: Procedure

Description : Sets the properties of the labels on the horizontal axis.

Version: v4.0.0

Parameters :

- p\_align t\_common\_pos default c\_b : Position of the labels.
- p\_offset pls\_integer default 0 : The offset between the labels and the axis.
- p\_fontname plpdf\_type.v2avg default null : Font type
- p\_fontsize number default null : Font Size
- p\_bold boolean default false : Bold
- p\_italic boolean default false : Italic
- p\_underline plpdf3.t\_underline default plpdf3.c\_none : Underline
- p\_color plpdf\_type.t\_color default null : Font Color

Return : -

## setYLabels

Type: Procedure

Description : Sets the properties of the labels on the vertical axis.

Version: v4.0.0

Parameters :

- p\_align t\_common\_pos default c\_b : Position of the labels.
- p\_offset pls\_integer default 0 : The offset between the labels and the axis.
- p\_fontname plpdf\_type.v2avg default null : Font type
- p\_fontsize number default null : Font Size
- p\_bold boolean default false : Bold
- p\_italic boolean default false : Italic
- p\_underline plpdf3.t\_underline default plpdf3.c\_none : Underline
- p\_color plpdf\_type.t\_color default null : Font Color

Return : -

## setXUnitShift

Type: Procedure

Description : Sets the value steps on the horizontal axis (Row chart).

Version: v4.0.0

Parameters :

- p\_major number : Major steps
- p\_minor number : Minor steps

Return : -

## setYUnitShift

Type: Procedure

Description : Sets the value steps on the vertical axis.

Version: v4.0.0

Parameters :



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- p\_major number : Major steps
- p\_minor number : Minor steps

Return : -

## addLegend

Type: Procedure

Description: Adds a legend to the chart.

Version: v4.0.0

Parameters :

- p\_x number default null : X position
- p\_y number default null : Y position
- p\_width number default null : The width of the legend.
- p\_height number default null : The height of the legend.
- p\_position t\_common\_pos default c\_r : The position of the legend.
- p\_box plpdf3.t\_box default null : The box of the legend.

Return : -

## DrawChart

Type: Procedure

Description: Draws the chart.

Version: v4.0.0

Parameters :

- p\_x number default null : X position
- p\_y number default null : Y position
- p\_width number default null : The width of the chart.
- p\_height number default null : The height of the chart.

Return : -