

*PL/SQL*Plus*

PL/XLS-XML

XML Spreadsheet (XMLSS) simple composer

v1.0.1

PL/SQL*Plus

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Introduction

PL/XLS-XML is a PL/SQL based XML Spreadsheet document generator from Oracle databases. Use PL/XLS-XML to quickly and easily develop applications with dynamic content but also quality presentation and printing capabilities.

Links

XML in Excel and the Spreadsheet Component:

<http://msdn.microsoft.com/en-us/library/aa140062.aspx>

XML Spreadsheet Reference:

[http://msdn.microsoft.com/en-us/library/aa140066\(office.10\).aspx](http://msdn.microsoft.com/en-us/library/aa140066(office.10).aspx)

Office 2003 Add-in: Office Web Components:

<http://www.microsoft.com/downloads/details.aspx?FamilyId=7287252C-402E-4F72-97A5-E0FD290D4B76&displaylang=en>

Installation

System requirements: Oracle 10g RDBMS Release 1 or higher. Oracle 10g Express Edition is supported.

PL/XLS-XML is a collection of PL/SQL packages. "install.sql" creates all required objects.

Using PL/XLS-XML

Essentially, PL/XLS-XML is a series of calls to PL/XLS-XML procedures and functions from a PL/SQL script, package, procedure or function. If you are not familiar with the PL/SQL programming language, study the Oracle documentation.

Contact

Contact us at: <mailto:info@plsqlplus.com>

Additional informations

Header and Footer codes

"&L": Left-aligned data
"&R": Right-aligned data
"&C": Center-aligned data
"&D": Date
"&T": Time
"&P": Page number
"&N": Number of pages
"&\0022fontname\,fontstyle\0022&fontsize": Font name, style, and size
"&B": Bold
"&I": Italic

GetVersion

Type: function

Description: Gets the version number of PL/XLS package.

Version: v1.0.0

Parameters: -

Return: varchar2: number of current version

getKeyInfo

Type: function

Description: Gets the licence information from plxls_par.getCertKey.

Version: v1.0.0

Parameters: -

Return: varchar2: licence information

init

Type: procedure

Description: Initializes generator program variables.

Version: v1.0.0

Parameters: -

Return: -

getDoc

Type: function

Description: Returns the generated document. The document is closed and then returned.

Version: v1.0.1

Parameters: -

Return: -

Document manipulation utilities

setCurrentStyle

Type: procedure
Description: Sets the Style to actual style.
Version: v1.0.0
Parameters:
- p_idx pls_integer: Index of Stlye
Return: -

getCurrentStyle

Type: function
Description: Returns the index of current style.
Version: v1.0.0
Parameters: -
Return: pls_integer: Index of current style

setCurrentColumn

Type: procedure
Description: Sets the Column to actual column.
Version: v1.0.0
Parameters:
- p_idx pls_integer: Index of Column
Return: -

getCurrentColumn

Type: function
Description: Returns the index of current column.
Version: v1.0.0
Parameters: -
Return: pls_integer: Index of current column

setCurrentWorksheet

Type: procedure
Description: Sets the Worksheet to actual worksheet.
Version: v1.0.0
Parameters:
- p_idx pls_integer: Index of Worksheet
Return: -

getCurrentWorksheet

Type: function
Description: Returns the index of current worksheet.

Version: v1.0.0

Parameters: -

Return: pls_integer: Index of current worksheet

setCurrentRow

Type: procedure

Description: Sets the Row to actual row.

Version: v1.0.0

Parameters:

- p_idx pls_integer: Index of Row

Return: -

getCurrentRow

Type: function

Description: Returns the index of current row.

Version: v1.0.0

Parameters: -

Return: pls_integer: Index of current row

setCurrentCell

Type: procedure

Description: Sets the Cell to actual cell.

Version: v1.0.0

Parameters:

- p_idx pls_integer: Index of Cell

Return: -

getCurrentCell

Type: function

Description: Returns the index of current cell.

Version: v1.0.0

Parameters: -

Return: pls_integer: Index of current cell

isStyle

Type: function

Description: Checks the index is a Style.

Version: v1.0.0

Parameters:

- p_style_idx pls_integer: index of the style

Return: boolean

o true: index is a style

o false: index is not a style

isWorksheet

Type: function

Description: Checks the index is a Worksheet.

Version: v1.0.0

Parameters:

- p_ws_idx pls_integer: index of the worksheet

Return: boolean

- o true: index is a worksheet
- o false: index is not a worksheet

isColumn

Type: function

Description: Checks the index is a Column.

Version: v1.0.0

Parameters:

- p_ws_idx pls_integer: index of the worksheet
- p_Column_idx pls_integer: index of the column

Return: boolean

- o true: index is a column
- o false: index is not a column

isRow

Type: function

Description: Checks the index is a Row.

Version: v1.0.0

Parameters:

- p_ws_idx pls_integer: index of the worksheet
- p_Row_idx pls_integer: index of the row

Return: boolean

- o true: index is a row
- o false: index is not a row

isCell

Type: function

Description: Checks the index is a Cell.

Version: v1.0.0

Parameters:

- p_ws_idx pls_integer: index of the worksheet
- p_Row_idx pls_integer: index of the row
- p_Cell_idx pls_integer: index of the cell

Return: boolean

- o true: index is a cell
- o false: index is not a cell

getWS_Table_StyleID

Type: function

Description: Gets style of an worksheet.

Version: v1.0.0

Parameters:

- p_ws_idx pls_integer: index of the worksheet

Return: pls_integer: Index of the syle

getColumn_StyleID

Type: function

Description: Gets style of an column.

Version: v1.0.0

Parameters:

- p_ws_idx pls_integer: index of the worksheet
- p_Column_idx pls_integer: index of the column

Return: pls_integer: Index of the syle

getRow_StyleID

Type: function

Description: Gets style of an column.

Version: v1.0.0

Parameters:

- p_ws_idx pls_integer: index of the worksheet
- p_Row_idx pls_integer: index of the row

Return: pls_integer: Index of the syle

getCell_StyleID

Type: function

Description: Gets style of an cell.

Version: v1.0.0

Parameters:

- p_ws_idx pls_integer: index of the worksheet
- p_Row_idx pls_integer: index of the row
- p_Cell_idx pls_integer: index of the cell

Return: pls_integer: Index of the syle

Document level settings

setDocumentProperties

Type: procedure

Description: Excel documents store metadata related to the document for example, the author name, company, creation date, and more.

Version: v1.0.0

Parameters:

- p_Title varchar2 default null: Title
- p_Subject varchar2 default null: Subject
- p_Author varchar2 default null: Author
- p_Keywords varchar2 default null: Keywords
- p_Description varchar2 default null: Description
- p_LastAuthor varchar2 default null: Last Author
- p_Created date default null: Created date
- p_Category varchar2 default null: Category
- p_Manager varchar2 default null: Manager
- p_Company varchar2 default null: Company
- p_HyperlinkBase varchar2 default null: Hyperlink Base
- p_Version varchar2 default null: Version, format is "[0-9]?[0-9].[0-9]{4}"

Return: -

setExcelWorkbook

Type: procedure

Description: Represents workbook-level characteristics and properties of the document.

Version: v1.0.0

Parameters:

- p_WindowHeight number default null: Window Height
- p_WindowWidth number default null: Window Width
- p_WindowTopX number default null: Window Top X position
- p_WindowTopY number default null: Window Top Y position
- p_ProtectStructure boolean default null: Protect Structure
- p_ProtectWindows boolean default null: Protect Windows

Return: -

Style

This element is optional, but is required to perform any custom formatting. A style can be either standalone or based on one other style (this is called the parent style), in which case, all base properties are first inherited from the parent, then the properties in the style are treated as overrides. Parent styles must be specified before they are first referenced.

addStyle

Type: function

Description: Defines a single style in the current workbook. Sets index to the current style.

Version: v1.0.0

Parameters:

- p_ID varchar2: A unique name within this XML document that identifies this style. This string can be any valid identifier and there is no notion of order.
- p_Name varchar2 default null: This property identifies this style as a named style that was created in Excel.
- p_Parent pls_integer default null: Presence of this element indicates that this style should first inherit its default formatting settings from the specified parent style. Then, after the parent settings are inherited, we apply the settings in this style as overrides.

Return: pls_integer: index of the new style

addStyle

Type: function

Description: addStyle function with the generated ID. Sets index to the current style.

Version: v1.0.0

Parameters:

- p_Name varchar2 default null: This property identifies this style as a named style that was created in Excel.
- p_Parent pls_integer default null: Presence of this element indicates that this style should first inherit its default formatting settings from the specified parent style. Then, after the parent settings are inherited, we apply the settings in this style as overrides.

Return: pls_integer: index of the new style

addStyle

Type: procedure

Description: addStyle without return value. Sets index to the current style.

Version: v1.0.0

Parameters:

- p_Name varchar2 default null: This property identifies this style as a named style that was created in Excel.

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- p_Parent pls_integer default null: Presence of this element indicates that this style should first inherit it's default formatting settings from the specified parent style. Then, after the parent settings are inherited, we apply the settings in this style as overrides.

Return: -

setStyle

Type: procedure

Description: Sets properties of an style

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
- p_Name varchar2 default null: This property identifies this style as a named style that was created in Excel.
- p_Parent pls_integer default null: Presence of this element indicates that this style should first inherit it's default formatting settings from the specified parent style. Then, after the parent settings are inherited, we apply the settings in this style as overrides.

Return: -

Style_setAlignment

Type: procedure

Description: Defines the font alignment attributes to use in this style. Each attribute that is specified is considered an override from the default.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
- p_Horizontal varchar2 default null: Specifies the left-to-right alignment of text within a cell.
 - o Automatic
 - o Left
 - o Center
 - o Right
 - o Fill
 - o Justify
 - o CenterAcrossSelection
 - o Distributed
 - o JustifyDistributed
- p_Indent number default null: Specifies the number of indents.
- p_ReadingOrder varchar2 default null: Specifies the default right-to-left text entry mode for a cell.
 - o RightToLeft
 - o LeftToRight
 - o Context
- p_Rotate number default null: Specifies the rotation of the text within the cell. 90 is straight up, 0 is horizontal, and -90 is straight down.
- p_ShrinkToFit boolean default null: Specifies ShrinkToFit property.

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- o True means that the text size should be shrunk so that all of the text fits within the cell.
- o False means that the font within the cell should behave normally.
- p_Vertical varchar2 default null: Specifies the top-to-bottom alignment of text within a cell.
 - o Specifies the top-to-bottom alignment of text within a cell. Automatic
 - o Top
 - o Bottom
 - o Center
 - o Justify
 - o Distributed
 - o JustifyDistributed
- p_VerticalText boolean default null: Specifies whether the text is drawn "downwards", whereby each letter is drawn horizontally, one above the other.
- p_WrapText boolean default null: Specifies whether the text in this cell should wrap at the cell boundary.
 - o False means that text either spills or gets truncated at the cell boundary.
 - o True means wraps text.

Return: -

Style_addBorder

Type: function

Description: Defines a single border within this style's Borders collection for a style.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
- p_Position varchar2: Specifies which of the six possible borders this element represents.
 - o Left
 - o Top
 - o Right
 - o Bottom
 - o DiagonalLeft
 - o DiagonalRight
- p_Color varchar2 default null: Specifies the color of this border. This value can be either a 6-hexadecimal digit number in "#rrggbb" formator it can be any of the Microsoft® Internet Explorer named colors (including the named Microsoft Windows® colors). This string can also be the special value of "Automatic." This string is case insensitive.
- p_LineStyle varchar2 default null: Specifies the appearance of this border.
 - o None
 - o Continuous
 - o Dash
 - o Dot
 - o DashDot
 - o DashDotDot
 - o SlantDashDot

- o Double
- p_Weight number default null: Specifies the weight (or thickness) of this border. This measurement is specified in points.
 - o 0-Hairline
 - o 1-Thin
 - o 2-Medium
 - o 3-Thick

Return: pls_integer: Index of the new border

Style_addBorder

Type: procedure

Description: Defines a single border within this style's Borders collection for a style.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
 - o Left
 - o Top
 - o Right
 - o Bottom
 - o DiagonalLeft
 - o DiagonalRight
- p_Position varchar2: Specifies which of the six possible borders this element represents.
 - o Left
 - o Top
 - o Right
 - o Bottom
 - o DiagonalLeft
 - o DiagonalRight
- p_Color varchar2 default null: Specifies the color of this border. This value can be either a 6-hexadecimal digit number in "#rrggbb" formator it can be any of the Microsoft® Internet Explorer named colors (including the named Microsoft Windows® colors).This string can also be the special value of "Automatic." This string is case insensitive.
- p_LineStyle varchar2 default null: Specifies the appearance of this border.
 - o None
 - o Continuous
 - o Dash
 - o Dot
 - o DashDot
 - o DashDotDot
 - o SlantDashDot
 - o Double
- p_Weight number default null: Specifies the weight (or thickness) of this border. This measurement is specified in points.
 - o 0-Hairline
 - o 1-Thin
 - o 2-Medium
 - o 3-Thick

Return: -

Style_setBorder

Type: procedure

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Description: Sets properties of an border.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
- p_border pls_integer: Index of the border.
- p_Position varchar2: Specifies which of the six possible borders this element represents.
 - o Left
 - o Top
 - o Right
 - o Bottom
 - o DiagonalLeft
 - o DiagonalRight
- p_Color varchar2 default null: Specifies the color of this border. This value can be either a 6-hexadecimal digit number in "#rrggbb" formator it can be any of the Microsoft® Internet Explorer named colors (including the named Microsoft Windows® colors).This string can also be the special value of "Automatic." This string is case insensitive.
- p_LineStyle varchar2 default null: Specifies the appearance of this border.
 - o None
 - o Continuous
 - o Dash
 - o Dot
 - o DashDot
 - o DashDotDot
 - o SlantDashDot
 - o Double
- p_Weight number default null: Specifies the weight (or thickness) of this border. This measurement is specified in points.
 - o 0-Hairline
 - o 1-Thin
 - o 2-Medium
 - o 3-Thick

Return: -

Style_setFont

Type: procedure

Description: Defines the font attributes to use in this style. Each attribute that is specified is considered an override from the default.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
- p_Bold boolean default null: Specifies the bold state of the font.
- p_Color varchar2 default null: Specifies the color of the font.This value can be either a 6-hexadecimal digit number in "#rrggbb" formator it can be any of the Internet Explorer named colors (including the named Windows colors).This string can also be special value of Automatic. This string is case insensitive.

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- p_FontName varchar2 default null: Specifies the name of the font. This string is case insensitive.
- p_Italic boolean default null: Similar to Bold in behavior, this attribute specifies the italic state of the font.
- p_Outline boolean default null: Similar to Bold in behavior, this attribute specifies whether the font is rendered as an outline.
- p_Shadow boolean default null: Similar to Bold in behavior, this attribute specifies whether the font is shadowed.
- p_Size number default null: Specifies the size of the font in points. This value must be strictly greater than 0.
- p_StrikeThrough boolean default null: Similar to Bold in behavior, this attribute specifies the strike-through state of the font.
- p_Underline varchar2 default null: Specifies the underline state of the font.
 - o None
 - o Single
 - o Double
 - o SingleAccounting
 - o DoubleAccounting
- p_VerticalAlign varchar2 default null: This attribute specifies the subscript or superscript state of the font.
 - o None
 - o Subscript
 - o Superscript
- p_CharSet number default null: Win32-dependent character set value.
- p_Family varchar2 default null: Win32-dependent font family.

Return: -

Style_setInterior

Type: procedure

Description: Defines the fill properties to use in this style.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current style
- p_Color varchar2 default null: Specifies the fill color of the cell. This value can be either a 6-hexadecimal digit number in "#rrggbb" formator it can be any of the Internet Explorer named colors (including the named Windows colors). This string can also be special value of Automatic. This string is case insensitive. If Pattern=Solid, this value is the fill color of the cell.
- p_Pattern varchar2 default null: Specifies the fill pattern in the cell. The fill pattern determines how to blend the Color and PatternColor attributes to produce the cell's appearance.
- p_PatternColor varchar2 default null: Specifies the secondary fill color of the cell when Pattern does not equal Solid.

Return: -

Style_setNumberFormat

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Type: procedure

Description: Defines the number format that should be in cells referencing this style. The default value is General, and all other number formats require a custom format code. custom formats:
<http://www.ozgrid.com/Excel/CustomFormats.htm>

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
- p_Format varchar2 default null: A number format code in the Excel number format syntax. This can also be one of the following values:
 - o General
 - o General Number
 - o General Date
 - o Long Date
 - o Medium Date
 - o Short Date
 - o Long Time
 - o Medium Time
 - o Short Time
 - o Currency
 - o Euro Currency
 - o Fixed
 - o Standard
 - o Percent
 - o Scientific
 - o Yes/No
 - o True/False
 - o On/Off

Return: -

Style_setNumberFormat

Type: procedure

Description: Defines the protection properties that should be used in cells referencing this style. This element exists as a short-hand way to apply protection to an entire table, row, or column, by simply adding it to a style.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
- p_Protected boolean default null: This attribute indicates whether or not this cell is protected. When the worksheet is unprotected, cell-level protection has no effect. When a cell is protected, it will not allow the user to enter information into it.
- p_HideFormula boolean default null: This attribute indicates whether or not this cell's formula should be hidden when worksheet protection is enabled.

Return: -

Simple Style procedures

Style_HLeft

Type: procedure

Description: Sets Horizontal alignment to Left.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_HCenter

Type: procedure

Description: Sets Horizontal alignment to Center.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_HRight

Type: procedure

Description: Sets Horizontal alignment to Right.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_VBottom

Type: procedure

Description: Sets Vertical alignment to Bottom.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_VTop

Type: procedure

Description: Sets Vertical alignment to Top.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current

Style

Return: -

Style_VCenter

Type: procedure

Description: Sets Vertical alignment to Center.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Border_Bottom_1

Type: procedure

Description: Sets bottom border to Thin (1).

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Border_Left_1

Type: procedure

Description: Sets left border to Thin (1).

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Border_Right_1

Type: procedure

Description: Sets right border to Thin (1).

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Border_Top_1

Type: procedure

Description: Sets top border to Thin (1).

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Border_1

Type: procedure

Description: Sets all borders to Thin (1).

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Border_Bottom_2

Type: procedure

Description: Sets bottom border to Medium (2).

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Border_Left_2

Type: procedure

Description: Sets left border to Medium (2).

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Border_Right_2

Type: procedure

Description: Sets right border to Medium (2).

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Border_Top_2

Type: procedure

Description: Sets top border to Medium (2).

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Border_2

Type: procedure

Description: Sets all borders to Medium (2).

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Font_Name

Type: procedure

Description: Defines the font attribute to use in this style.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
- p_FontName varchar2: Specifies the name of the font. This string is case insensitive.

Return: -

Style_Font_Family

Type: procedure

Description: Defines the font attribute to use in this style.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
- p_Family varchar2: Win32-dependent font family.

Return: -

Style_Font_Size

Type: procedure

Description: Defines the font attribute to use in this style.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
- p_Size number: Specifies the size of the font in points. This value must be strictly greater than 0.

Return: -

Style_Font_Bold

Type: procedure

Description: Defines the font attribute to use in this style.

Version: v1.0.0

Parameters:

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- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Font_Italic

Type: procedure

Description: Defines the font attribute to use in this style.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Font_Underline

Type: procedure

Description: Defines the font attribute to use in this style.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_Font_Color

Type: procedure

Description: Defines the font attribute to use in this style.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
- p_Color varchar2: Specifies the color of the font. This value can be either a 6-hexadecimal digit number in "#rrggbb" formator it can be any of the Internet Explorer named colors (including the named Windows colors). This string can also be special value of Automatic. This string is case insensitive.

Return: -

Style_Fill_Color

Type: procedure

Description: Defines the fill property to use in this style.

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style
- p_Color varchar2: Specifies the fill color of the cell. This value can be either a 6-hexadecimal digit number in "#rrggbb" formator it can be any of the Internet Explorer named colors (including the named Windows colors). This string can also be special value of Automatic. This string is

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case insensitive. If Pattern=Solid, this value is the fill color of the cell.

Return: -

Style_NumberF_General

Type: procedure

Description: Defines the number format that should be in cells referencing this style. see Style_setNumberFormat

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_NumberF_GeneralNumber

Type: procedure

Description: Defines the number format that should be in cells referencing this style. see Style_setNumberFormat

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_NumberF_GeneralDate

Type: procedure

Description: Defines the number format that should be in cells referencing this style. see Style_setNumberFormat

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_NumberF_Currency

Type: procedure

Description: Defines the number format that should be in cells referencing this style. see Style_setNumberFormat

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Style_NumberF_Percent

Type: procedure

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Description: Defines the number format that should be in cells referencing this style. see Style_setNumberFormat

Version: v1.0.0

Parameters:

- p_style pls_integer default null: Index of the style. null means the current Style

Return: -

Worksheet

addWorksheet

Type: function

Description: Defines a worksheet within the current workbook.Sets index to the current worksheet.

Version: v1.0.0

Parameters:

- p_Name varchar2: This tag specifies the name of this worksheet.This value must be unique within the list of sheet names in this workbook.
- p_Protected boolean default null: This attribute indicates whether or not the worksheet is protected.
- p_RightToLeft boolean default null: If this attribute is True , the window displays from right to left,but if this element is not specified (or False), the window displays from left to right.

Return: pls_integer: index of the new worksheet

addWorksheet

Type: procedure

Description: Defines a worksheet within the current workbook.Sets index to the current worksheet.

Version: v1.0.0

Parameters:

- p_Name varchar2: This tag specifies the name of this worksheet.This value must be unique within the list of sheet names in this workbook.
- p_Protected boolean default null: This attribute indicates whether or not the worksheet is protected.
- p_RightToLeft boolean default null: If this attribute is True , the window displays from right to left,but if this element is not specified (or False), the window displays from left to right.

Return: -

setWorksheet

Type: procedure

Description: Sets properties of an existing worksheet.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_Name varchar2: This tag specifies the name of this worksheet.This value must be unique within the list of sheet names in this workbook.
- p_Protected boolean default null: This attribute indicates whether or not the worksheet is protected.
- p_RightToLeft boolean default null: If this attribute is True , the window displays from right to left,but if this element is not specified (or False), the window displays from left to right.

Return: -

WS_setDispCustomHeaders

Type: procedure

Description: Presence of this element indicates that the Spreadsheet component should display custom row and column headers for this sheet, rather than the default "A, B, C..." and "1, 2, 3..." style row and column headers.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.

Return: -

WS_addNamedRange

Type: procedure

Description: Defines a single named range within this worksheet.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_Name varchar2: Specifies the name of this named range. This name must be unique within the list of named ranges and cannot contain spaces or resemble an R1C1-style reference.
- p_RefersTo varchar2: Specifies what this named range refers to. This should be an Excel-style formula.
- p_Hidden boolean default null: Specifies whether the name of a range is hidden from the user interface of the spreadsheet application.

Return: -

WS_setTable

Type: procedure

Description: Defines the properties of cell table within the current worksheet.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_DefaultColumnWidth number default null: Specifies the default width of columns in this table. This attribute is specified in points.
- p_DefaultRowHeight number default null: Specifies the default height of rows in this table. This attribute is specified in points.
- p_ExpandedColumnCount number default null: This attribute specifies the total number of columns in this table.
- p_ExpandedRowCount number default null: Specifies the total number of rows in this table without regard for sparseness.
- p_LeftCell number default null: Specifies the column index that this table should be placed at. This value must be greater than zero.
- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.

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- p_TopCell number default null: Specifies the row index that this table should be placed at. This value must be greater than zero.
- p_FullColumns boolean default null: Uses by WebCalc.
- p_FullRows boolean default null: Uses by WebCalc.

Return: -

WS_setFooter

Type: procedure

Description: Specifies the footer for each printed page.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_Margin number: Specifies the margin for the footer.
- p_Data varchar2 default null: Specifies the data for the footer. This is a string in the same format as the Cascading Style Sheet (CSS) for Excel 2000.

Return: -

WS_setHeader

Type: procedure

Description: Specifies the header for each printed page.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_Margin number: Specifies the margin for the header.
- p_Data varchar2 default null: Specifies the data for the header. This is a string in the same format as the Cascading Style Sheet (CSS) for Excel 2000.

Return: -

WS_setLayout

Type: procedure

Description: Determines the layout for the page setup. This includes page orientation, centering, and page numbers.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_CenterHorizontal boolean default null: If True, the document should be centered on the page.
- p_CenterVertical boolean default null: If True, the document should be centered on the page.
- p_Orientation varchar2 default null: Specifies the orientation of the page.
 - o Portrait
 - o Landscape
- p_StartPageNumber number default null: Specifies the starting page number

for printouts.

Return: -

WS_setPageMargins

Type: procedure

Description: Specifies the margins for printed pages.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_Bottom number: Specifies the bottom margin on the page in inches.
- p_Left number: Specifies the left margin on the page in inches.
- p_Right number: Specifies the right margin on the page in inches.
- p_Top number: Specifies the top margin on the page in inches.

Return: -

Worksheet

addColumn

Type: function

Description: Defines the formatting for one or more adjacent columns. This element contains no data; all cell data is stored within Row elements. Sets index to the current column.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_Caption varchar2 default null: Specifies the caption that should appear when the Component's custom row and column headers are showing.
- p_AutoFitWidth boolean default null: If this attribute is specified as True ("1"), it means that this column should be autosized for numeric and date values only.
- p_Hidden boolean default null: True specifies that this column is hidden. False (or omitted) specifies that this column is shown.
- p_Index number default null: Specifies the position of this column within the table.
- p_Span number default null: Specifies the number of adjacent columns with the same formatting as this column.
- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.
- p_Width number default null: Specifies the width of a column in points. This value must be greater than or equal to 0.

Return: pls_integer: index of the new column

addColumn

Type: procedure

Description: Defines the formatting for one or more adjacent columns. This element contains no data; all cell data is stored within Row elements. Sets index to the current column.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_Caption varchar2 default null: Specifies the caption that should appear when the Component's custom row and column headers are showing.
- p_AutoFitWidth boolean default null: If this attribute is specified as True ("1"), it means that this column should be autosized for numeric and date values only.
- p_Hidden boolean default null: True specifies that this column is hidden. False (or omitted) specifies that this column is shown.
- p_Index number default null: Specifies the position of this column within the table.
- p_Span number default null: Specifies the number of adjacent columns with

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the same formatting as this column.

- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.
- p_Width number default null: Specifies the width of a column in points. This value must be greater than or equal to 0.

Return: -

Column_Caption

Type: procedure

Description: Sets property of an column.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_column pls_integer default null: Index of the column. null means the current Columns.
- p_Caption varchar2: Specifies the caption that should appear when the Component's custom row and column headers are showing.

Return: -

Column_AutoFitWidth

Type: procedure

Description: Sets property of an column.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_column pls_integer default null: Index of the column. null means the current Columns.

Return: -

Column_Hidden

Type: procedure

Description: Sets property of an column.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_column pls_integer default null: Index of the column. null means the current Columns.

Return: -

Column_Index

Type: procedure

Description: Sets property of an column.

Version: v1.0.0

Parameters:

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- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_column pls_integer default null: Index of the column. null means the current Columns.
- p_Index number: Specifies the position of this column within the table.

Return: -

Column_Span

Type: procedure

Description: Sets property of an column.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_column pls_integer default null: Index of the column. null means the current Columns.
- p_Span number: Specifies the number of adjacent columns with the same formatting as this column.

Return: -

Column_StyleID

Type: procedure

Description: Sets property of an column.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_column pls_integer default null: Index of the column. null means the current Columns.
- p_StyleID pls_integer: Specifies a reference to a previously defined Style.

Return: -

Column_Width

Type: procedure

Description: Sets property of an column.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_column pls_integer default null: Index of the column. null means the current Columns.
- p_Width number: Specifies the width of a column in points. This value must be greater than or equal to 0.

Return: -

Row procedures

addRow

Type: function

Description: Defines the formatting and data for one or more adjacent rows.If this element contains cell data, it must not contain the Span attribute.Each Row element may contain one or more Cell elements defining the table's data.Sets index to the current row.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_Caption varchar2 default null: Specifies the caption that should appear when the component's custom row and column headers are showing.
- p_AutoFitHeight boolean default null: If this attribute is True (1), it means that this row should be autosized.
- p_Height number default null: Specifies the height of a row in points. This value must be greater than or equal to 0.
- p_Hidden boolean default null: True specifies that this row is hidden. False (or omitted) specifies that this row is shown.
- p_Index number default null: Specifies the position of this row within the table.
- p_Span number default null: Specifies the number of adjacent rows with the same formatting as this row.
- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.

Return: pls_integer: index of the new row

addRow

Type: procedure

Description: Defines the formatting and data for one or more adjacent rows.If this element contains cell data, it must not contain the Span attribute.Each Row element may contain one or more Cell elements defining the table's data.Sets index to the current row.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_Caption varchar2 default null: Specifies the caption that should appear when the component's custom row and column headers are showing.
- p_AutoFitHeight boolean default null: If this attribute is True (1), it means that this row should be autosized.
- p_Height number default null: Specifies the height of a row in points. This value must be greater than or equal to 0.
- p_Hidden boolean default null: True specifies that this row is hidden. False (or omitted) specifies that this row is shown.
- p_Index number default null: Specifies the position of this row within the

table.

- p_Span number default null: Specifies the number of adjacent rows with the same formatting as this row.
- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.

Return: -

Row_Caption

Type: procedure

Description: Sets property of an existing row.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_Caption varchar2: Specifies the caption that should appear when the component's custom row and column headers are showing.

Return: -

Row_AutoFitHeight

Type: procedure

Description: Sets property of an existing row.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.

Return: -

Row_Height

Type: procedure

Description: Sets property of an existing row.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_Height number: Specifies the height of a row in points. This value must be greater than or equal to 0.

Return: -

Row_Hidden

Type: procedure

Description: Sets property of an existing row.

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Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.

Return: -

Row_Index

Type: procedure

Description: Sets property of an existing row.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_Index number: Specifies the position of this row within the table.

Return: -

Row_Span

Type: procedure

Description: Sets property of an existing row.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_Span number: Specifies the number of adjacent rows with the same formatting as this row.

Return: -

Row_StyleID

Type: procedure

Description: Sets property of an existing row.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_StyleID pls_integer: Specifies a reference to a previously defined Style.

Return: -

Cell procedures

addCell

Type: function

Description: Defines a single cell within the contained row. Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_PasteFormula varchar2 default null: Specifies the absolute formula stored in this cell when a copy/paste occurs within the component. All formulas are persisted in R1C1 notation because they are significantly easier to parse and generate than A1-style formulas.
- p_ArrayRange varchar2 default null: Specifies the range of cells onto which we apply an array formula.
- p_Formula varchar2 default null: Specifies the formula stored in this cell. All formulas are persisted in R1C1 notation because they are significantly easier to parse and generate than A1-style formulas.
- p_HRef varchar2 default null: Specifies the URL to which to link this cell.
- p_Index number default null: Specifies the column index of this cell within the containing row.
- p_MergeAcross number default null: Specifies the number of adjacent cells across (right unless in right-to-left mode) from the current cell to merge.
- p_MergeDown number default null: Specifies the number of adjacent cells below the current cell to merge.
- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.
- p_HRefScreenTip varchar2 default null: Specifies the ToolTip's content to display when the user hovers over this cell's ToolTip.

Return: pls_integer: index of the new cell

addCell

Type: procedure

Description: Defines a single cell within the contained row. Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_PasteFormula varchar2 default null: Specifies the absolute formula stored in this cell when a copy/paste occurs within the component. All formulas

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are persisted in R1C1 notation because they are significantly easier to parse and generate than A1-style formulas.

- p_ArrayRange varchar2 default null: Specifies the range of cells onto which we apply an array formula.
- p_Formula varchar2 default null: Specifies the formula stored in this cell. All formulas are persisted in R1C1 notation because they are significantly easier to parse and generate than A1-style formulas.
- p_HRef varchar2 default null: Specifies the URL to which to link this cell.
- p_Index number default null: Specifies the column index of this cell within the containing row.
- p_MergeAcross number default null: Specifies the number of adjacent cells across (right unless in right-to-left mode) from the current cell to merge.
- p_MergeDown number default null: Specifies the number of adjacent cells below the current cell to merge.
- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.
- p_HRefScreenTip varchar2 default null: Specifies the ToolTip's content to display when the user hovers over this cell's ToolTip.

Return: -

Cell_setComment

Type: procedure

Description: Contains the comment to be associated with this cell.

Version: v1.0.1

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_cell pls_integer default null: Index of the cell. null means the current Cell.
- p_Author varchar2 default null: Specifies the author of this comment.
- p_ShowAlways boolean default null: Specifies whether this comment is displayed regardless of whether the user is hovering over the cell or not.
- p_Ticked boolean default null: When ss:Type is set to String, x:Ticked indicates the presence of a tick (') at the beginning of the data.
- p_data varchar2 default null: Specifies the value of this comment.

Return: -

Cell_setData

Type: procedure

Description: Specifies the value of this cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.

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- p_cell pls_integer default null: Index of the cell. null means the current Cell.
- p_Type varchar2: Specifies the data type of this tag's required Data element.
 - o Number
 - o DateTime
 - o Boolean
 - o String
 - o Error
- p_Ticked boolean default null: When ss:Type is set to String, x:Ticked indicates the presence of a tick (') at the beginning of the data.
- p_data varchar2 default null: Specifies the value of this cell.

Return: -

Cell_setNamedCell

Type: procedure

Description: Presence of this tag indicates that this cell is a member of a user-defined named range.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_cell pls_integer default null: Index of the cell. null means the current Cell.
- p_Name varchar2: Specifies which user-defined named range this cell belongs to.

Return: -

Cell_setPhoneticText

Type: procedure

Description: Specifies the additional phonetic "hint" text that should be associated with this cell's data.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_cell pls_integer default null: Index of the cell. null means the current Cell.
- p_Visible boolean default null: Specifies whether phonetic text is displayed.
- p_text varchar2: The Phonetic Text data.

Return: -

Cell_Formula

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Type: procedure

Description: Sets property of an Cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_cell pls_integer default null: Index of the cell. null means the current Cell.
- p_Formula varchar2: Specifies the formula stored in this cell. All formulas are persisted in R1C1 notation because they are significantly easier to parse and generate than A1-style formulas.

Return: -

Cell_HRef

Type: procedure

Description: Sets property of an Cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_cell pls_integer default null: Index of the cell. null means the current Cell.
- p_HRef varchar2: Specifies the URL to which to link this cell.

Return: -

Cell_Index

Type: procedure

Description: Sets property of an Cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_cell pls_integer default null: Index of the cell. null means the current Cell.
- p_Index number: Specifies the column index of this cell within the containing row.

Return: -

Cell_StyleID

Type: procedure

Description: Sets property of an Cell.

Version: v1.0.0

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Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_cell pls_integer default null: Index of the cell. null means the current Cell.
- p_StyleID pls_integer: Specifies a reference to a previously defined Style.

Return: -

Cell_Comment_Data

Type: procedure

Description: Sets property of an Cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_cell pls_integer default null: Index of the cell. null means the current Cell.
- p_data varchar2 default null: Specifies the value of this comment.
- p_data varchar2: Specifies the value of this comment.

Return: -

Cell_Data_Type

Type: procedure

Description: Sets property of an Cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_cell pls_integer default null: Index of the cell. null means the current Cell.
- p_Type varchar2: Specifies the data type of this tag's required Data element.
 - o Number
 - o DateTime
 - o Boolean
 - o String
 - o Error

Return: -

Cell_Data

Type: procedure

Description: Sets property of an Cell.

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Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_cell pls_integer default null: Index of the cell. null means the current Cell.
- p_data varchar2: Specifies the value of this cell.

Return: -

Simple addCell procedures

addCell_Number

Type: function

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.
- p_data number: Specifies the value of this cell.

Return: pls_integer: index of the new cell

addCell_Number

Type: procedure

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.
- p_data number: Specifies the value of this cell.

Return: -

addCell_Number_1

Type: function

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_data number: Specifies the value of this cell.

Return: pls_integer: index of the new cell

addCell_Number_1

Type: procedure

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_data number: Specifies the value of this cell.

Return: -

addCell_DateTime

Type: function

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.
- p_data date: Specifies the value of this cell.

Return: pls_integer: index of the new cell

addCell_DateTime

Type: procedure

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.
- p_data date: Specifies the value of this cell.

Return: -

addCell_DateTime_1

Type: function

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_data date: Specifies the value of this cell.

Return: pls_integer: index of the new cell

addCell_DateTime_1

Type: procedure

Description: Defines a single cell within the contained row.Sets index to the

current cell.

Version: v1.0.0

Parameters:

- p_data date: Specifies the value of this cell.

Return: -

addCell_Boolean

Type: function

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.

- p_row pls_integer default null: Index of the row. null means the current Row.

- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.

- p_data Boolean: Specifies the value of this cell.

Return: pls_integer: index of the new cell

addCell_Boolean

Type: procedure

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.

- p_row pls_integer default null: Index of the row. null means the current Row.

- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.

- p_data Boolean: Specifies the value of this cell.

Return: -

addCell_Boolean_1

Type: function

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_data Boolean: Specifies the value of this cell.

Return: pls_integer: index of the new cell

addCell_Boolean_1

Type: procedure

PL/SQL*Plus

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_data Boolean: Specifies the value of this cell.

Return: -

addCell_String

Type: function

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.
- p_data varchar2: Specifies the value of this cell.

Return: pls_integer: index of the new cell

addCell_String

Type: procedure

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_ws pls_integer default null: Index of the worksheet. null means the current Worksheet.
- p_row pls_integer default null: Index of the row. null means the current Row.
- p_StyleID pls_integer default null: Specifies a reference to a previously defined Style.
- p_data varchar2: Specifies the value of this cell.

Return: -

addCell_String_1

Type: function

Description: Defines a single cell within the contained row.Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_data varchar2: Specifies the value of this cell.

Return: pls_integer: index of the new cell

addCell_String_1

PL/SQL*Plus

Type: procedure

Description: Defines a single cell within the contained row. Sets index to the current cell.

Version: v1.0.0

Parameters:

- p_data varchar2: Specifies the value of this cell.

Return: -

Workbook others

setToolbar

Type: procedure

Description: This element contains information about the state of the Spreadsheet Component's toolbar.

Version: v1.0.0

Parameters:

- p_hidden boolean: True specifies that the spreadsheet component's toolbar is hidden. False (or omitted) specifies that it is visible.

Return: -

setHideOfficeLogo

Type: procedure

Description: Presence of this element indicates that the Office logo should be hidden.

Version: v1.0.0

Parameters: -

Return: -

addNamedRange

Type: procedure

Description: Defines a single named range within this workbook.

Version: v1.0.0

Parameters:

- p_Name varchar2: Specifies the name of this named range. This name must be unique within the list of named ranges and cannot contain spaces or resemble an R1C1-style reference.
- p_RefersTo varchar2: Specifies what this named range refers to. This should be an Excel-style formula.
- p_Hidden boolean default null: Specifies whether the name of a range is hidden from the user interface of the spreadsheet application.

Return: -

utilities

ReplaceXMLEntities

Type: procedure

Description: Replaces XML specific characters to entity names.

Version: v1.0.0

Parameters:

- p_xml in out clob: XML document

Return: -