SAS®9 ODS EXCEL XP Tip Sheet

Printing Options

center_vertical = 'yes' | 'no' | 'on' | 'off'
center_horizontal = 'yes' | 'no' | 'on' | 'off'
Controls vertical and horizontal centering for printing. The default is **'no'**.

column_repeat = 'none' | '*number*' | '*range*' | '*header*'
row_repeat = 'none' | '*number*' | '*range*' | '*header*'
If a number or range of numbers (e.g., '3–5') is specified, those columns/rows are repeated across pages when a worksheet breaks across pages when printing. If **'header'** is specified, the row/column headers for the first table of the worksheet are repeated. The default is **'none'**.

fittopage = 'yes' | 'no' | 'on' | 'off'
Fit to the page when printing. The default is **'no'**.

gridlines = 'yes' | 'no' | 'on' | 'off'
Controls gridlines when printing. The default is **'no'**.

orientation = 'portrait' | 'landscape'
Controls page orientation for the worksheet when printing. The default is **'portrait'**.

page_order_across = 'yes' | 'no' | 'on' | 'off'
If set to **'yes'** or **'on'**, the worksheet page order is set to print across and then down. The default is **'no'**.

pages_fitheight = '*number*'
pages_fitwidth = '*number*'
Determines the number of pages down and across, respectively, to fit the worksheet when printing. The default is **'1'**.

print_footer = '*string*'
print_header = '*string*'
If embedded footers and headers are on, this value is used as the footer/header for printing. The default is **''**.

rowcolheadings = 'yes' | 'no' | 'on' | 'off'
Enables row and column headings for printing. The default is 'no'.

TAGATTR= Styles

The TAGATTR= style attribute can be used to embed Excel instructions into cells. The TAGATTR= style attribute is applied using PROC TEMPLATE, Table templates, or one of the reporting procedures (PRINT, REPORT, TABULATE, FREQ CROSSTABS). A simple example is shown below.

```
proc print noobs;
   var a b;
   var c / style(head)={tagattr='…'}
           style(data)={tagattr='…'};
run;
```

The TAGATTR= value is a space-separated list of name/value pairs. The name/value pairs are colon-separated as shown below.

```
tagattr='format:###.## rotate:90
         formula:SUM(R[-4]C:R[-1]C'
```

The following name-value pairs are supported:

Format:*excel-format*
Excel format to use for the cell values.

Formula:*excel-formula*
Excel formula used to compute the cell values.

Hidden:Yes
Hide the cell.

MergeAcross:Yes | No | Number
A value of **Yes** causes the cell to merge across the entire worksheet. A value of **Number** causes the cell to merge across that many columns.

Rotate:*number*
Rotates the text the given number of degrees. Only values from 90 to –90 are valid.

Type:DateTime | General | Number | String
Specifies the Excel data type for the cells.

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ODS Excel XP Tip Sheet

This tip sheet places frequently used information in one place, on one sheet of paper, so you don't have to search through the online documentation. It also gives you something to take home, type in, and try.

This tip sheet presents the most common statements and attributes used in creating output with the ODS TAGSETS.EXCELXP statement. This statement opens, manages, or closes ODS TAGSETS.EXCELXP. This statement produces Microsoft's spreadsheet XML. This tagset is used to import data into Microsoft Excel.

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Basic Syntax

Execute the following code to get detailed information on options for the Excel XP tagset:

```
ods tagsets.excelxp file='test.xml'
    options(doc='help');
```

The options in this tip sheet are specified as follows:

```
ods tagsets.excelxp file='filename'
    options=(name=value ...);
```

Documentation Options

doc = 'string'
- **'help'**: displays introductory text and available options in full detail
- **'quick'**: displays introductory text and an alphabetical list of options, their current value, and a short description
- **'settings'**: displays configuration and debug settings
- **'changelog'**: lists the tagset changes in reverse order
- **'all'**: shows the output from all the Help options

Common Options

autofilter = 'none ' | 'all' | 'range'
Control auto filter for all columns or a range of columns (e.g., '3–5'). The default is **'none'**.

autofilter_table = 'number'
Indicates which table on the worksheet gets autofiltering applied. The default is **'1'**.

absolute_column_width = 'none' | 'number' | 'number-list'
Specifies column widths in characters. If the value of this option is a comma-separated list, each number is used for the column in the same position. If the table has more columns, the list repeats. The default is **'none'**.

autofit_height = 'yes' | 'no' | 'on' | 'off'
If **'yes'** or **'on'**, row heights are not specified by the tagset. This allows the auto-fit height of Excel itself to work. The default is **'no'**.

auto_subtotals = 'yes' | 'no' | 'on' | 'off'
If **'yes'** or **'on'**, this option causes a subtotal formula to be placed in the subtotal cells on the last table row of the Print Procedure's tables. It works only if the totals happen once per table. It does not work if the BY value and the ID value match. The default is **'no'**.

blank_sheet = 'string'
Create a blank worksheet with the name given (up to 31 characters). This name will be used with a worksheet counter to create a unique name. The default is **'none'**.

contents = 'yes' | 'no' | 'on' | 'off'
If set to **'yes'** or **'on'**, the first worksheet contains a table of contents with links to each worksheet in the workbook. The default is **'no'**.

contents_workbook = 'contents' | 'index' | 'workbooks' | 'all'
If set to **'all'**, the contents file contains three worksheets: a list of workbooks, a hierarchical table of contents, and a list of worksheets. The default is **'contents, index'**.

convert_percentages = 'yes' | 'no' | 'on' | 'off'
Converts percentage values to numeric percentages using Excel's percentage format. The default is **'yes'**.

currency_format = 'string'
Specifies the Excel format to be used for currency. The default is **'currency'**.

currency_symbol = 'string'
Specifies characters used for detection of currency formats so that Excel sees currency as numbers. The default is **'$'**.

decimal_separator = 'string'
Character used for the decimal point. The default is **'.'**.

default_column_width = 'none' | 'number' | 'number-list'
Default column width (in characters). If the value of this option is a comma-separated list, each number is used for the column in the same position. If the table has more columns, the list repeats. The default is **'none'**.

embedded_footnotes = 'yes' | 'no' | 'on' | 'off'
Embeds footnotes in the worksheet. By default, footnotes are a part of the print header and footer. The default is **'no'**.

embedded_titles = 'yes' | 'no' | 'on' | 'off'
Embeds titles in the worksheet. By default, titles are a part of the print header and footer. The default is **'no'**.

embed_titles_once = 'yes' | 'no' | 'on' | 'off'
If **'yes'** or **'on'**, embedded titles appear only at the top of each worksheet. The default is **'no'**.

formulas = 'yes' | 'no' | 'on' | 'off'
Converts data values that start with an equal sign (=) into Excel formulas. The default is **'yes'**.

frozen_headers = 'yes' | 'no' | 'true' | 'false' | 'number'
If **'yes'** or **'on'**, the rows down to the bottom of the headers are frozen when the table data scrolls. If a number is given, that is the row count that is frozen. The default is **'no'**.

frozen_rowheaders = 'yes' | 'no' | 'true' | 'false' | 'number'
If **'yes'** or **'on'**, the header columns on the left are frozen when the table data scrolls. If a number is given, that is the column count that is frozen. The default is **'no'**.

hidden_columns = 'none' | 'number' | 'number-list' | 'range'
Hide specified columns. The value is a comma-separated list of numbers or ranges. The default is **'none'**.

index = 'yes' | 'no' | 'on' | 'off'
If set to **'yes'** or **'on'**, a worksheet is created that contains an index with a single link to each worksheet in the workbook. The default is **'no'**.

missing_align = 'left' | 'center | 'right'
Sets alignment of missing values. The default is **'right'**.

pagebreaks = 'yes' | 'no' | 'on' | 'off'
Controls display of page break lines. The default is **'no'**.

row_height_fudge = 'number'
This value is added to the row height for each row. The additional height makes the spreadsheet easier to read. The default is **'4'**.

row_heights = 'number-list'
Controls how tall the rows will be for each type of row. The numbers are in points. The default is **'0,0,0,0,0,0,0'**.

sheet_interval = 'table' | 'page' | 'bygroup' | 'proc' | 'none'
Controls when a new worksheet is created. The default is **'none'**.

sheet_label = 'none' | 'string'
Controls the prefix of worksheet names. The default is **'none'**.

sheet_name = 'none' | 'string'
Specifies the worksheet name (up to 31 characters). This name will be used in combination with a worksheet counter to create a unique name. The default is **'none'**.

skip_space = 'number-list'
Controls how much space follows the different types of output that can occur within a worksheet. The default is **'1,0,1,1,1'**.

suppress_bylines = 'yes' | 'no' | 'on' | 'off'
Suppresses bylines in the worksheet. The default is **'no'**.

thousands_separator = 'string'
Specifies the character used for indicating thousands in numeric values. The default is **','**.

width_fudge = 'none' | 'number'
This value is used with **width_points** and column width to calculate an approximate width for the table columns. The default is **'0.75'**.

width_points = 'none' | 'number'
Override value for width calculations. The default is **'none'**.

zoom = 'number'
Determines the initial zoom level on the worksheet. The default is **'100'**.