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;
  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(B[-4]:C[-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 to use for 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.
Basic Syntax

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

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

The options in this tip sheet are specified as follows:

```plaintext
ods tagsets.xlsx 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

```plaintext
autofilter = 'none' | 'all' | 'range'
```

Control auto filter for all columns or a range of columns (e.g., '3-5'). The default is 'none'.

```plaintext
autofilter_table = 'number'
```

Indicates which table on the worksheet gets autofiltering applied. The default is '1'.

```plaintext
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'.

```plaintext
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'.

```plaintext
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'.

```plaintext
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'.

```plaintext
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'.

```plaintext
contents_workbook = 'contents' | 'index' | 'worksheets' | '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'.

```plaintext
convert_percentages = 'yes' | 'no' | 'on' | 'off'
```

Converts percentage values to numeric percentages using Excel's percentage format. The default is 'yes'.

```plaintext
currency_format = 'string'
```

Specifies the Excel format to be used for currency. The default is 'currency'.

```plaintext
currency_symbol = 'string'
```

Specifies characters used for detection of currency formats so that Excel sees currency as numbers. The default is '%'.

```plaintext
decimal_separator = 'string'
```

Character used for the decimal point. The default is '.

```plaintext
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'.

```plaintext
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'.

```plaintext
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'.

```plaintext
embedded_titles_once = 'yes' | 'no' | 'on' | 'off'
```

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

```plaintext
formulas = 'yes' | 'no' | 'on' | 'off'
```

Converts data values that start with an equal sign (=) into Excel formulas. The default is 'yes'.

```plaintext
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'.

```plaintext
frozen_rowheaders = 'yes' | 'no' | 'true' | 'false' | 'number'
```

If 'yes' or 'on', the column headers are frozen when the table data scrolls. If a number is given, that is the column count that is frozen. The default is 'no'.

```plaintext
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'.

```plaintext
hidden_rowheaders = 'none' | 'number' | 'number-list' | 'range'
```

Hide specified rowheaders. The value is a comma-separated list of numbers or ranges. The default is 'none'.

```plaintext
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'.

```plaintext
missing_align = 'left' | 'center' | 'right'
```

Sets alignment of missing values. The default is 'right'.

```plaintext
pagebreaks = 'yes' | 'no' | 'on' | 'off'
```

Controls display of page break lines. The default is 'no'.

```plaintext
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'.

```plaintext
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'.

```plaintext
sheet_interval = 'table' | 'page' | 'bygroup' | 'proc' | 'none'
```

Controls when a new worksheet is created. The default is 'none'.

```plaintext
sheet_label = 'none' | 'string'
```

Controls the prefix of worksheet names. The default is 'none'.

```plaintext
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'.

```plaintext
skip_space = 'number-list'
```

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

```plaintext
suppress_bylines = 'yes' | 'no' | 'on' | 'off'
```

Suppresses bylines in the worksheet. The default is 'no'.

```plaintext
thousands_separator = 'string'
```

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

```plaintext
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'.

```plaintext
width_points = 'none' | 'number'
```

Override value for width calculations. The default is 'none'.

```plaintext
zoom = 'number'
```

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