**ODS List and Text Block Tip Sheet**

### Conditional Statements

**Traffic Lighting**

cellstyle expr-1 as style-element{style-attributes},

expr-2 as style-element{style-attributes},

... expr-n as style-element{style-attributes};

The CELLSTYLE-AS statement is valid at the top level of both PROC ODSLIST and PROC ODSTEXT as well as within list and item blocks. Each expression is a WHERE expression that is evaluated for each item or paragraph. If the result of the expression is true, the given style element and style attributes are applied. Once a matching expression is found, execution stops.

**Translating Values**

translate expr-1a into expr-1b,

expr-2a into expr-2b,

... expr-na into expr-nb;

The TRANSLATE-INTO statement is valid at the top level of both PROC ODSLIST and PROC ODSTEXT as well as within list and item blocks. Each expression is a WHERE expression. The (a) expressions are evaluated for each item/paragraph. If the result of the (a) expression is true, the result of the (b) expression is used in place of the item/paragraph value in the output. Once a matching expression is found, execution stops.

### Example

/* static text */
proc odstext;
  p 'Class Information' /
  style=systemtitle;
  p 'The following is height, weight, and age information from the class data set:';
  run;

/* data dependent text / list */
proc odstext data=sashelp.class(obs=2);
  p 'Student name is' || name || ' ';
  style={fontweight=bold};
  list;
    item 'Height - ' || put(height,2.)
    item 'Weight - ' || put(weight,3.);
  run;
end;

/* item block with nested list */
proc odstext data=sashelp.class(obs=2);
  p name || 's age' /
  style={fontweight=bold};
  list;
    cellstyle age > 13 as
      {fontstyle=italic};
    translate age = 13 into 'Thirteen';
    item age / format=2.;
  end;
end;
run;

For complete information, refer to the Base SAS® 9.4 documentation at
PROC ODSLIST

Basic Usage
proc odslist data=data-set;
... statements ...
run;

Procedure Options
contents="string"
specifies the string to be displayed in the table of contents for the output object.
data="data-set"
specifies the data set to use for variable references in items and paragraphs. Data=" is not needed if there are no variable references.
name=template-name
specifies the name of the template to store. This option enables you to store list templates for reuse with the DATA step.
pagebreak=yes | no | on | off
specifies whether or not the procedure should generate page breaks. The default is "no".
store=template-store
specifies the template store to save the template in if name= is also used.
print
specifies that the output object should be printed. This is for use when name= is specified on static lists (i.e., lists with no variable references or data set).

Common ODSLIST Statements
item expression </option(s)>;
specifies the content of the item.
item / </option(s)>;
... item block ...
end;
specifies a block of content for an item. This is used for using multiple paragraphs and/or creating nested lists.

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>format=</td>
<td>SAS data format</td>
</tr>
<tr>
<td>style=</td>
<td>Style override</td>
</tr>
<tr>
<td>value=</td>
<td>Numeric value of bullet</td>
</tr>
</tbody>
</table>

Item Block Statements
list </option(s)>;
... list block ...
end;
specifies the content of the nested list. The list block statements are the same as for PROC ODSLIST (see above).

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>start=</td>
<td>Starting value for bullet numbering</td>
</tr>
<tr>
<td>style=</td>
<td>Style override</td>
</tr>
</tbody>
</table>


PROC ODSTEXT

Basic Usage
proc odstext data=data-set;
... statements ...
run;

Procedure Options
contents="string"
specifies the string to be displayed in the table of contents for the output object.
data="data-set"
specifies the data set to use for variable references in items and paragraphs. Data=" is not needed if there are no variable references.
name=template-name
specifies the name of the template to store. This option enables you to store list templates for reuse with the DATA step.
p where-expression </option(s)>;
specifies the content of the paragraph.

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</tr>
<tr>
<td>style=</td>
<td>Style override</td>
</tr>
</tbody>
</table>

List Block Statements
item expression </option(s)>;
specifies the content of the item.
item / </option(s)>;
... item block ...
end;
specifies a block of content for an item. This is used for using multiple paragraphs and/or creating nested lists.

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<tr>
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</tr>
</thead>
<tbody>
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</tr>
<tr>
<td>style=</td>
<td>Style override</td>
</tr>
</tbody>
</table>

Tip Sheet

Common ODSTEXT Statements
list </option(s)>;
... list block ...
end;
specifies the content of the nested list. The statements are the same as for PROC ODSLIST.