DATA Step

Can I 'inject' native HTML code into an ODS report?

The Output Delivery System opens up great possibilities for sharing generated reports. To increase the flexibility of the reports generated by, for example the ODS HTML output, use the ODS TEXT= option to add text blocks between report items.

When using this feature in the HTML destination, some knowledge of HTML tags is necessary.

Dynamic content can be used by retrieving information from the Dictionary Tables and storing results in a macro variable:

```
proc sql noprint ;
  select name into :htmlvarlist separated by '<br/>'
  from dictionary.columns
  where libname = 'SASHELP'
  and   memname = 'CLASS'
  ;
quit ;

%put &htmlvarlist ;
```

Looking at the stored value:

```
Name<br/>Sex<br/>Age<br/>Height<br/>Weight
```

The <br/> tag is rendered in a browser as a Line Break. Including this macro variable in an HTML report:

```
ods html ;
proc print data = sashelp.class ;
run ;

ods text= "<p>The following variables exist in the SASHELP.CLASS datas
et:</p>
<p>&htmlvarlist</p>" ;

proc means data = sashelp.class mean ;
  class sex ;
  var age ;
run ;

ods html close ;
```


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DATA Step

Generates the following result:

Obs	Name	Sex	Age	Height	Weight
1	Alfred	M	14	69.0	112.5
2	Alice	F	13	56.5	84.0
3	Barbara	F	13	65.3	98.0
4	Carol	F	14	62.8	102.5
5	Henry	M	14	63.5	102.5
6	James	M	12	57.3	83.0
7	Jane	F	12	59.8	84.5
8	Janet	F	15	62.5	112.5
9	Jeffrey	M	13	62.5	84.0
10	John	M	12	59.0	99.5
11	Joyce	F	11	51.3	50.5
12	Judy	F	14	64.3	90.0
13	Louise	F	12	56.3	77.0
14	Mary	F	15	66.5	112.0
15	Philip	M	16	72.0	150.0
16	Robert	M	12	64.8	128.0
17	Ronald	M	15	67.0	133.0
18	Thomas	M	11	57.5	85.0
19	William	M	15	66.5	112.0

The following variables exist in the SASHELP.CLASS dataset:

Name
Sex

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Age
Height
Weight

The MEANS Procedure

Analysis Variable : Age		
Sex	N Obs	Mean
F	9	13.2222222
M	10	13.4000000

Extending this logic any html tags can be incorporated, so instead of using the <br/> it is possible to generate bullet points with the <li> tag:

```
proc sql noprint ;
  select name into :htmlvarlist separated by '</li><li>'
  from dictionary.columns
  where libname = 'SASHELP'
  and   memname = 'CLASS'
  ;
quit ;
```

Which generates the snippet:

```
Name</li><li>Sex</li><li>Age</li><li>Height</li><li>Weight
```

Then include the resultant code snippet within either an Ordered (number) or Unordered (bullet) list:

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```
ods text= "<p>The following variables exist in the SASHELP.CLASS datas
et:</p>
<ul><li>&htmlvarlist</li></ul>" ;
```

Which renders as:

The following variables exist in the SASHELP.CLASS dataset:

- Name
- Sex
- Age
- Height
- Weight

Unique solution ID: #1024
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