



Macro!?! Warum läufst Du nicht !?!

2 June, 2012 - 19:46 — olli_

Liebes Forum,

wär klasse wenn Ihr mir helfen könntet.

Ich krieg den Macro einfach nicht zum laufen :-)

Wo liegt der Fehler!?!

```
*---REPORT;
options symbolgen mprint mlogic;
%macro report(ryear=,start=01JAN,stop=31DEC, classvar=section publish
options pageno=1;

%let start=&start&ryear;
%let stop=&stop&ryear;
%let titlestart=%sysfunc(putn("&start"d, worddate.));
%let titlestop=%sysfunc(putn("&stop"d, worddate.));

%*---Check the output destination and style parameters;
%*---Close LISTING, open alternate destination if specified;
%*---Add STYLE if specified for the alternate destination;
%if %upcase(&outputdest) ne LISTING %then %do;
ods listing close;
ods &outputdest;
%if &style ne %then %do;
style=&style %end;
%end;
/*ods listing close;
ods &outputdest style=&outputstyle;*/

title "Sales Report";
title2 "&titlestart - &titlestop";

data temp;
set books.ytdsales(where=("&start"d le datesold le "&stop"d));
profit=saleprice-cost;
attrib profit label='Profit' format=dollar10.2;
run;

proc tabulate data=temp;
%*---Only submit a CLASS statement if there is a classification variable;
%if &classvar ne %then %do;
class &classvar;
%end;
var &vars;
tables
%if &classvar ne %then %do;
%*---Determine leftmost row dimension variable;
%let mainclas=%scan(&classvar,1);
%mainclas
%if %length(&mainclas)<%length(&classvar) %then %do;
%*---If more than one classification variable,
nest remaining classification variables under the first;
%*---Use the substring function to extract classification variables at
%let pos2=%index(&classvar,%scan(&classvar,2));
%*---Add the rest of the classification vars;
* ( %substr(&classvar,&pos2) all);

%end;
all,
%end;
n*f=6. (&vars)*sum='Total'*f=dollar11.2;
keylabel all='Total Sales' n='Titles Sold';
run;
%*---Check if date range is for a quarter or year;
%let strtmdy=%upcase(%substr(&start,1,5));
%let stopmdy=%upcase(%substr(&stop,1,5));
%if (&strtmdy=01JAN and &stopmdy=31MAR) or
(&strtmdy=01APR and &stopmdy=30JUN) or
(&strtmdy=01JUL and &stopmdy=30SEP) or
(&strtmdy=01OCT and &stopmdy=31DEC) or
(&strtmdy=01JAN and &stopmdy=31DEC) %then %do;
%*---Special titles for Quarter and for Year;
%if not (&strtmdy eq 01JAN and &stopmdy eq 31DEC)
%then %do;
title3 "Sales for Quarter";
%end;
%else %do;
title3 "&ryear Annual Sales";
%end;

proc gchart data=temp;
%*---For each analysis variable, do a pie chart;
%let setchrt=1;
```

```

%let chrtvar=%scan(&vars,1);
%do %while (&chrtvar ne );
pie &classvar / type=sum sumvar=&chrtvar
coutline=black percent=outside;
run;
%let setchrt=%eval(&setchrt+1);
%let chrtvar=%scan(&vars,&setchrt);
%end;
quit;
%end;
/*----Close alternate destination if specified;
%if %upcase(&outputdest) ne LISTING %then %do;
ods &outputdest close;
ods listing;
%end;
%mend report;
<strong>
%report (repyear=2007,start=01jul,stop=31aug,outputdest=rtf,style=gears)
</strong>

```

Der LOG:

```

634 options symbolgen mprint mlogic;
635 %macro report (repyear=,start=01JAN,stop=31DEC, classvar=section publisher, vars=cost
635! listprice saleprice profit, outputdest=, style=);
636 options pageno=1;
637
638 %let start=&start&repyear;
639 %let stop=&stop&repyear;
640 %let titlestart=%sysfunc(putn("&start"d, worddate.));
641 %let titlestop=%sysfunc(putn("&stop"d, worddate.));
642
643 /*----Check the output destination and style parameters;
644 /*----Close LISTING, open alternate destination if specified;
645 /*----Add STYLE if specified for the alternate destination;
646 %if %upcase(&outputdest) ne LISTING %then %do;
647 ods listing close;
648 ods &outputdest;
649 %if &style ne %then %do;
650 style=&style %end;
651 %end;
652 /*ods listing close;
653 ods &outputdest style=&outputstyle;*/
654
655 title "Sales Report";
656 title2 "&titlestart - &titlestop";
657
658 data temp;
659 set books.ytdsales (where=("&start"d le datesold le "&stop"d));
660 profit=saleprice-cost;
661 attrib profit label='Profit' format=dollar10.2;
662 run;
663
664 proc tabulate data=temp;
665 /*----Only submit a CLASS statement if there is a classification variable;
666
666 %if &classvar ne %then %do;
667 class &classvar;
668 %end;
669 var &vars;
670 tables
671 %if &classvar ne %then %do;
672 /*----Determine leftmost row dimension variable;
673 %let mainclas=%scan(&classvar,1);
674 &mainclas
675 %if %length(&mainclas)<%length(&classvar) %then %do;
676 /*----If more than one classification variable,
677 nest remaining classification variables under the first;
678 /*----Use the substring function to extract classification variables after the first;
679
679 %let pos2=%index(&classvar,%scan(&classvar,2));
680 /*----Add the rest of the classification vars;
681 * ( %substr(&classvar,&pos2) all);
682
683 %end;
684 all,
685 %end;
686 n*f=6. (&vars)*sum='Total'*f=dollar11.2;
687 keylabel all='Total Sales' n='Titles Sold';
688 run;
689 /*----Check if date range is for a quarter or year;
690 %let strtmdy=%upcase(%substr(&start,1,5));
691 %let stopmdy=%upcase(%substr(&stop,1,5));
692 %if (&strtmdy=01JAN and &stopmdy=31MAR) or

```

```

693 (&strtmty=01APR and &stopmty=30JUN) or
694 (&strtmty=01JUL and &stopmty=30SEP) or
695 (&strtmty=01OCT and &stopmty=31DEC) or
696 (&strtmty=01JAN and &stopmty=31DEC) %then %do;
697 %*---Special titles for Quarter and for Year;
698 %if not (&strtmty eq 01JAN and &stopmty eq 31DEC)
699 %then %do;
700 title3 "Sales for Quarter";
701 %end;
702 %else %do;
703 title3 "&repyear Annual Sales";
704 %end;
705
706 proc gchart data=temp;
707 %*---For each analysis variable, do a pie chart;
708 %let setchrt=1;
709 %let chrtvar=%scan(&vars,1);
710 %do %while (&chrtvar ne );
711 pie &classvar / type=sum sumvar=&chrtvar
712 coutline=black percent=outside;
713 run;
714 %let setchrt=%eval(&setchrt+1);
715 %let chrtvar=%scan(&vars,&setchrt);
716 %end;
717 quit;
718 %end;
719 %*-----Close alternate destination if specified;
720 %if %upcase(&outputdest) ne LISTING %then %do;
721     ods &outputdest close;
722     ods listing;
723 %end;
724 %mend report;

```

```

725 %report(repyear=2007,start=01jul,stop=31aug,outputdest=rtf,style=gears)

```

```

MLOGIC(REPORT): Beginning execution.
MLOGIC(REPORT): Parameter REPYEAR has value 2007
MLOGIC(REPORT): Parameter START has value 01jul
MLOGIC(REPORT): Parameter STOP has value 31aug
MLOGIC(REPORT): Parameter OUTPUTDEST has value rtf
MLOGIC(REPORT): Parameter STYLE has value gears
MLOGIC(REPORT): Parameter CLASSVAR has value section publisher
MLOGIC(REPORT): Parameter VARS has value cost listprice saleprice profit
MPRINT(REPORT): options pageno=1;
MLOGIC(REPORT): %LET (variable name is START)
SYMBOLGEN: Macro variable START resolves to 01jul
SYMBOLGEN: Macro variable REPYEAR resolves to 2007
MLOGIC(REPORT): %LET (variable name is STOP)
SYMBOLGEN: Macro variable STOP resolves to 31aug
SYMBOLGEN: Macro variable REPYEAR resolves to 2007
MLOGIC(REPORT): %LET (variable name is TITLESTART)
SYMBOLGEN: Macro variable START resolves to 01jul2007
MLOGIC(REPORT): %LET (variable name is TITLESTOP)
SYMBOLGEN: Macro variable STOP resolves to 31aug2007
SYMBOLGEN: Macro variable OUTPUTDEST resolves to rtf
MLOGIC(REPORT): %IF condition %upcase(&outputdest) ne LISTING is TRUE
MPRINT(REPORT): ods listing close;
SYMBOLGEN: Macro variable OUTPUTDEST resolves to rtf
MPRINT(REPORT): ods rtf;
WARNING: No body file. RTF output will not be created.
SYMBOLGEN: Macro variable STYLE resolves to gears
MLOGIC(REPORT): %IF condition &style ne is TRUE
NOTE: Line generated by the invoked macro "REPORT".
5 style=&style
-----
180
SYMBOLGEN: Macro variable STYLE resolves to gears
MPRINT(REPORT): style=gears title "Sales Report";

```

ERROR 180-322: Statement is not valid or it is used out of proper order.

```

SYMBOLGEN: Macro variable TITLESTART resolves to July 1, 2007
SYMBOLGEN: Macro variable TITLESTOP resolves to August 31, 2007
MPRINT(REPORT): title2 "July 1, 2007 - August 31, 2007";
MPRINT(REPORT): data temp;
SYMBOLGEN: Macro variable START resolves to 01jul2007
SYMBOLGEN: Macro variable STOP resolves to 31aug2007
MPRINT(REPORT): set books.ytdsales(where=("01jul2007"d le datesold le "31aug2007"d));
MPRINT(REPORT): profit=saleprice-cost;
MPRINT(REPORT): attrib profit label='Profit' format=dollar10.2;
MPRINT(REPORT): run;

```

NOTE: There were 700 observations read from the data set BOOKS.YTDSALES.

WHERE (datesold>='01JUL2007'D and datesold<='31AUG2007'D);

NOTE: The data set WORK.TEMP has 700 observations and 11 variables.

NOTE: DATA statement used (Total process time):

```
real time      0.00 seconds
cpu time       0.00 seconds
```

```
MPRINT(REPORT):  proc tabulate data=temp;
SYMBOLGEN: Macro variable CLASSVAR resolves to section publisher
MLOGIC(REPORT): %IF condition &classvar ne is TRUE
SYMBOLGEN: Macro variable CLASSVAR resolves to section publisher
MPRINT(REPORT):  class section publisher;
SYMBOLGEN: Macro variable VARS resolves to cost listprice saleprice profit
MPRINT(REPORT):  var cost listprice saleprice profit;
SYMBOLGEN: Macro variable CLASSVAR resolves to section publisher
MLOGIC(REPORT): %IF condition &classvar ne is TRUE
MLOGIC(REPORT): %LET (variable name is MAINCLAS)
SYMBOLGEN: Macro variable CLASSVAR resolves to section publisher
SYMBOLGEN: Macro variable MAINCLAS resolves to section
SYMBOLGEN: Macro variable MAINCLAS resolves to section
SYMBOLGEN: Macro variable CLASSVAR resolves to section publisher
MLOGIC(REPORT): %IF condition %length(&mainclas)<%length(&classvar) is TRUE
MLOGIC(REPORT): %LET (variable name is POS2)
SYMBOLGEN: Macro variable CLASSVAR resolves to section publisher
SYMBOLGEN: Macro variable CLASSVAR resolves to section publisher
SYMBOLGEN: Macro variable CLASSVAR resolves to section publisher
SYMBOLGEN: Macro variable POS2 resolves to 9
MPRINT(REPORT):  tables section * ( publisher all);
NOTE: Line generated by the invoked macro "REPORT".
17      all,
      ---
      180
SYMBOLGEN: Macro variable VARS resolves to cost listprice saleprice profit
MPRINT(REPORT):  all, n*f=6. (cost listprice saleprice profit)*sum='Total'*f=dollar11.2;
MPRINT(REPORT):  keylabel all='Total Sales' n='Titles Sold';
MPRINT(REPORT):  run;
```

ERROR 180-322: Statement is not valid or it is used out of proper order.

NOTE: The SAS System stopped processing this step because of errors.

NOTE: PROCEDURE TABULATE used (Total process time):

```
real time      0.01 seconds
cpu time       0.01 seconds
```

```
MLOGIC(REPORT): %LET (variable name is STRTMDY)
SYMBOLGEN: Macro variable START resolves to 01jul2007
MLOGIC(REPORT): %LET (variable name is STOPMDY)
SYMBOLGEN: Macro variable STOP resolves to 31aug2007
SYMBOLGEN: Macro variable STRTMDY resolves to 01JUL
SYMBOLGEN: Macro variable STOPMDY resolves to 31AUG
SYMBOLGEN: Macro variable STRTMDY resolves to 01JUL
SYMBOLGEN: Macro variable STOPMDY resolves to 31AUG
SYMBOLGEN: Macro variable STRTMDY resolves to 01JUL
SYMBOLGEN: Macro variable STOPMDY resolves to 31AUG
SYMBOLGEN: Macro variable STRTMDY resolves to 01JUL
SYMBOLGEN: Macro variable STOPMDY resolves to 31AUG
SYMBOLGEN: Macro variable STRTMDY resolves to 01JUL
SYMBOLGEN: Macro variable STOPMDY resolves to 31AUG
MLOGIC(REPORT): %IF condition (&strtm dy=01JAN and &stopmdy=31MAR) or (&strtm dy=01APR and
&stopmdy=30JUN) or (&strtm dy=01JUL and &stopmdy=30SEP) or (&strtm dy=01OCT and
&stopmdy=31DEC) or (&strtm dy=01JAN and &stopmdy=31DEC) is FALSE
SYMBOLGEN: Macro variable OUTPUTDEST resolves to rtf
MLOGIC(REPORT): %IF condition %upcase(&outputdest) ne LISTING is TRUE
SYMBOLGEN: Macro variable OUTPUTDEST resolves to rtf
MPRINT(REPORT):  ods rtf close;
MPRINT(REPORT):  ods listing;
MLOGIC(REPORT): Ending execution.
```

Basisdaten

```

data books.ytdsales(label='Sales for 2007');

keep section--saleprice;
attrib section length=$30 label='Section'
         saleid length=8 label='Sale ID'
            format=8.
         saleinit length=$3 label='Sales Person Initials'
         datesold length=4 label='Date Book Sold'
            format=mmddy10. informat=mmddy10.
         booktitle length=$50 label='Title of Book'
         author length=$50 label='First Author'
         publisher length=$50 label='Publisher'
         cost length=8 label='Wholesale Cost'
            format=dollar10.2
         listprice length=8 label='List Price'
            format=dollar10.2
         saleprice length=8 label='Sale Price'
            format=dollar10.2;

array mos(12) _temporary_
(555,809,678,477,300,198,200,500,655,719,649,356);

array momax(12) momax1-momax12
(30,27,30,29,30,29,30,30,29,30,29,30);

array inits(7) $ 3 _temporary_ ('MJM' 'BLT' 'JMB' 'JAJ' 'LPL' 'SMA'
'CAD');
retain saleid 10000000;

do m=1 to 12;
  do j=1 to mos(m);
    day=round(momax(m)*uniform(3),1)+1;
    datesold=mdy(m,day,2007);
    obsno=int(uniform(3929)*5366)+1;
    set books.bookdb point=obsno;

    person=mod(day,7)+1;
    saleinit=inits(person);

    saleid+1;
    output;
  end;
  if m=12 then stop;
end;
run;

```

Foren:

[ETL & Base SAS](#)

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Semicolon falsch

3 June, 2012 - 09:54 — JanHeuer

Hallo Ollie,

bei der Prüfung der ODS sind die Semicolon falsch gesetzt. Statt

```

%if %upcase(&outputdest) ne LISTING %then %do;
ods listing close;
ods &outputdest;
%if &style ne %then %do;
  style=&style
%end;
%end;

```

muss es heißen

```

%if %upcase(&outputdest) ne LISTING %then %do;
ods listing close;
ods &outputdest
%if &style ne %then %do;
  style=&style
%end;
;
%end;

```

Im Tabulate Statement dasselbe:

```

* ( %substr(&classvar,&pos2) all);
zu
* ( %substr(&classvar,&pos2) all)

```

Ansonsten ist die Table-Anweisung hinter der Zeile zu Ende.

Schöne Grüße

Jan

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Vielen Dank, aber die Fragenzeichen werden immer

3 June, 2012 - 11:11 — ollie_

mehr???

Die Änderungen hab ich aufgenommen und anschließend folgende Änderung vorgenommen

```
%macro report(repyear=,start=01JAN,stop=31DEC, classvar=section publisher, vars=cost listprice saleprice profit, outputdest=, style=);  
%macro report(repyear=,start=01JAN,stop=31DEC, classvar=section publisher, vars=cost listprice saleprice profit, outputdest=listing, style
```

Jetzt erhalte ich folgenden LOG

Was ist der Grund für die Fehlermeldungen?

```
286 %macro report(repyear=,start=01JAN,stop=31DEC, classvar=section publisher, vars=cost  
286! listprice saleprice profit, outputdest=listing, style=);  
287 options pageno=1;  
288  
289 %let start=&start&repyear;  
290 %let stop=&stop&repyear;  
291 %let titlestart=%sysfunc(putn("&start"d, worddate.));  
292 %let titlestop=%sysfunc(putn("&stop"d, worddate.));  
293  
294 %*----Check the output destination and style parameters;  
295 %*----Close LISTING, open alternate destination if specified;  
296 %*----Add STYLE if specified for the alternate destination;  
297 %if %upcase(&outputdest) ne LISTING %then %do;  
298 ods listing close;  
299 ods &outputdest %if &style ne %then %do;  
300 style=&style %end;  
301 %end;  
302  
303 /*Forum*/  
304 %if %upcase(&outputdest) ne LISTING %then %do;  
305 ods listing close;  
306 ods &outputdest  
307 %if &style ne %then %do;  
308 style=&style  
309 %end;  
310 %end;  
311  
312 /*ods listing close;  
313 ods &outputdest style=&outputstyle;*/  
314  
315 title "Sales Report";  
316 title2 "&titlestart - &titlestop";  
317  
318 data temp;  
319 set books.ytdsales(where=("&start"d le datesold le "&stop"d));  
320 profit=saleprice-cost;  
321 attrib profit label='Profit' format=dollar10.2;  
322 run;  
323  
324 proc tabulate data=temp;  
325 %*----Only submit a CLASS statement if there is a classification variable;  
  
326 %if &classvar ne %then %do;  
327 class &classvar;  
328 %end;  
329 var &vars;  
330 tables  
331 %if &classvar ne %then %do;  
332 %*---Determine leftmost row dimension variable;  
333 %let mainclas=%scan(&classvar,1);  
334 &mainclas  
335 %if %length(&mainclas)<%length(&classvar) %then %do;  
336 %*----If more than one classification variable,  
337 nest remaining classification variables under the first;  
338 %*----Use the substring function to extract classification variables after the first;  
  
339 %let pos2=%index(&classvar,%scan(&classvar,2))*(%substr(&classvar,&pos2) all)  
  
340 %*----Add the rest of the classification vars;  
341 /* (%substr(&classvar,&pos2) all)*/  
342  
343 %end;  
344 all,  
345 %end;  
346 n*f=6. (&vars)*sum='Total'*f=dollar11.2;  
347 keylabel all='Total Sales' n='Titles Sold';  
348 run;  
349 %*----Check if date range is for a quarter or year;  
350 %let strtmdy=%upcase(%substr(&start,1,5));  
351 %let stopmdy=%upcase(%substr(&stop,1,5));  
352 %if (&strtmdy=01JAN and &stopmdy=31MAR) or  
353 (&strtmdy=01APR and &stopmdy=30JUN) or  
354 (&strtmdy=01JUL and &stopmdy=30SEP) or  
355 (&strtmdy=01OCT and &stopmdy=31DEC) or
```

```

356 (&strtmday=01JAN and &stopmday=31DEC) %then %do;
357 %*----Special titles for Quarter and for Year;
358 %if not (&strtmday eq 01JAN and &stopmday eq 31DEC)
359 %then %do;
360 title3 "Sales for Quarter";
361 %end;
362 %else %do;
363 title3 "&repyear Annual Sales";
364 %end;
365
366 proc gchart data=temp;
367 %*----For each analysis variable, do a pie chart;
368 %let setchrt=1;
369 %let chrtvar=%scan(&vars,1);
370 %do %while (&chrtvar ne );
371 pie &classvar / type=sum sumvar=&chrtvar
372 coutline=black percent=outside;
373 run;
374 %let setchrt=%eval(&setchrt+1);
375 %let chrtvar=%scan(&vars,&setchrt);
376 %end;
377 quit;
378 %end;
379 %*-----Close alternate destination if specified;
380 %if %upcase(&outputdest) ne LISTING %then %do;
381 ods &outputdest close;
382 ods listing;
383 %end;
384 %mend report;

385 %report (repyear=2007,start=01jul,stop=31aug,outputdest=rtf,style=gears)

```

NOTE: Line generated by the invoked macro "REPORT".

```

7 ods listing close; ods &outputdest
--- -----
22 202

-----
73

```

ERROR 22-322: Syntax error, expecting one of the following: ;, ANCHOR, AUTHOR, BASE, BODY, BOOKMARK, CHARSET, CLOSE, COLUMNS, DATAPANEL, ENCODING, FILE, FONTSCALE, GFOOTNOTE, GTITLE, HOST, KEEP, LSTPIPE, NEWFILE, NOGFOOTNOTE, NOGTITLE, NOKEEP, NOLSTPIPE, NOOUTLINE, OPERATOR, OUTLINE, PATH, RECORD_SEPARATOR, SAS, STARTPAGE, STYLE, TEXT, TITLE, TRANTAB.

ERROR 202-322: The option or parameter is not recognized and will be ignored.

ERROR 73-322: Expecting an =.

NOTE: There were 700 observations read from the data set BOOKS.YTDSALES.

```
WHERE (datesold>='01JUL2007'D and datesold<='31AUG2007'D);
```

NOTE: The data set WORK.TEMP has 700 observations and 11 variables.

NOTE: DATA statement used (Total process time):

```

real time          0.00 seconds
cpu time           0.00 seconds

```

WARNING: Apparent symbolic reference POS2 not resolved.

WARNING: Apparent symbolic reference POS2 not resolved.

ERROR: A character operand was found in the %EVAL function or %IF condition where a numeric operand is required. The condition was: &pos2

ERROR: Argument 2 to macro function %SUBSTR is not a number.

ERROR: The macro REPORT will stop executing.

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Semikolon

4 June, 2012 - 08:26 — HansKneilmann

Hallo Oliver,
obwohl der Code ziemlich schlecht lesbar ist, es fehlt ein vernünftiges/lesbares Einrückchen, habe ich wahrscheinlich Deinen Fehler gefunden.
Zu der %let-Anweisung für pos2 fehlt das Semikolon.
Deshalb die Warnung/Fehlermeldung

WARNING: Apparent symbolic reference POS2 not resolved.

Und die Fehlermeldungen

ERROR: A character operand was found in the %EVAL function or %IF condition where a numeric operand is required. The condition was: &pos2

ERROR: Argument 2 to macro function %SUBSTR is not a number.

gehen auch auf dieses Konto.

Auch die Meldung

```
7 ods listing close; ods &outputdest  
--- -----
```

lässt sich mit dem fehlendem Semikolon plausibel erklären.

Konkret:

Die `%let`-Anweisung für `pos2` müßte wahrscheinlich so aussehen

```
%let pos2=%index(&classvar,%scan(&classvar,2));          /* hier bewußt der Zeilenwechsel, erhöht die Lesbarkeit! */  
*( %substr(&classvar,&pos2) all)
```

Ausserdem ist mir aufgefallen, dass in der log-Zeile 344

```
343 %end;  
344 all,  
345 %end;
```

das `all`, (`all` inklusive dem Komma) irgendwie zu viel ist. Was kommt nach dem Komma?

Normalerweise die *Quer*-Dimensionen, aber die gibt es hier nicht und das `all` als Summe der *Runter*-Dimensionen ist schon weiter oben im Code drin, nämlich hier

```
339 %let pos2=%index(&classvar,%scan(&classvar,2))*( %substr(&classvar,&pos2) all)
```

Ich hoffe, ich konnte helfen.

Gruß

Hans Kneilmann, Schäfer Shop GmbH (SSI)

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Semicolon noch mal

4 June, 2012 - 10:57 — JanHeuer

Hallo Ollie,

die Korrektur muss korrigiert werden.

```
%if %upcase(&outputdest) ne LISTING %then %do;  
ods listing close;  
ods &outputdest %if &style ne %then %do;  
style=&style %end;  
%end;
```

/*Forum*/

```
%if %upcase(&outputdest) ne LISTING %then %do;  
ods listing close;  
ods &outputdest  
%if &style ne %then %do;  
style=&style  
%end;  
%end;
```

Mal abgesehen von der kaum lesbaren Formatierung und des doppelten Codes fehlt dort noch immer ein Semicolon.

```
%if %upcase(&outputdest) ne LISTING %then %do;  
ods listing close;  
ods &outputdest  
%if &style ne %then %do;  
style=&style  
%end;  
/* Hier gehört auch ein Semicolon hin */  
;  
/* */  
%end;
```

Pos2 hat Hans schon erklärt. Da ist das falsche Semicolon gelöscht worden.

Schöne Grüße

Jan

[Log in](#) or [register](#) to post comments

Vielen Dank soweit, aber jetzt

4 June, 2012 - 15:20 — ollie_

Vielen Dank soweit, aber jetzt häng ich schon wieder :(

Was ist gemeint mit:

WARNING: No body file. RTF output will not be created.

```
-----  
73
```

ERROR 73-322: Expecting an =.

Ganzer LOG

```
205 %macro report(repyear=,start=01JAN,stop=31DEC, classvar=section publisher, vars=cost
```



```

205! listprice saleprice profit, outputdest=listing, style=);
206 options pageno=1;
207
208 %let start=&start&repyear;
209 %let stop=&stop&repyear;
210 %let titlestart=%sysfunc(putn("&start"d, worddate.));
211 %let titlestop=%sysfunc(putn("&stop"d, worddate.));
212
213 %*----Check the output destination and style parameters;
214 %*----Close LISTING, open alternate destination if specified;
215 %*----Add STYLE if specified for the alternate destination;
216 %if %upcase(&outputdest) ne LISTING %then %do;
217     ods listing close;
218     ods &outputdest %if &style ne %then %do;
219         style=&style
220     %end;
221     ;
222 %end;
223
224 /*Forum*/
225 %if %upcase(&outputdest) ne LISTING %then %do;
226 ods listing close;
227 ods &outputdest
228 %if &style ne %then %do;
229 style=&style
230 %end;
231 %end;
232
233 /*ods listing close;
234 ods &outputdest style=&outputstyle;*/
235
236 title "Sales Report";
237 title2 "&titlestart - &titlestop";
238
239 data temp;
240 set books.ytdsales(where=("&start"d le datesold le "&stop"d));
241 profit=saleprice-cost;
242 attrib profit label='Profit' format=dollar10.2;
243 run;
244
245 proc tabulate data=temp;
246 %*----Only submit a CLASS statement if there is a classification variable;
247 %if &classvar ne %then %do;
248     class &classvar;
249 %end;
250 var &vars;
251 tables
252 %if &classvar ne %then %do;
253     %*---Determine leftmost row dimension variable;
254     %let mainclas=%scan(&classvar,1);
255     %mainclas
256     %if %length(&mainclas)<%length(&classvar) %then %do;
257     %*----If more than one classification variable,
258     nest remaining classification variables under the first;
259     %*----Use the substring function to extract classification variables after the first;
260
261     /*let pos2=%index(&classvar,%scan(&classvar,2))*( %substr(&classvar,&pos2) all)*/
262     %let pos2=%index(&classvar,%scan(&classvar,2));           /* hier bewußt der
261! Zeilenwechsel, erhöht die Lesbarkeit! */
262     *( %substr(&classvar,&pos2) all)
263
264 %*----Add the rest of the classification vars;
265 /* ( %substr(&classvar,&pos2) all)*/
266
267     %end;
268     /*all,*/
269 %end;
270 n*f=6. (&vars)*sum='Total'*f=dollar11.2;
271 keylabel all='Total Sales' n='Titles Sold';
272 run;
273 %*----Check if date range is for a quarter or year;
274 %let strtmdy=%upcase(%substr(&start,1,5));
275 %let stopmdy=%upcase(%substr(&stop,1,5));
276 %if (&strtmdy=01JAN and &stopmdy=31MAR) or
277 (&strtmdy=01APR and &stopmdy=30JUN) or
278 (&strtmdy=01JUL and &stopmdy=30SEP) or
279 (&strtmdy=01OCT and &stopmdy=31DEC) or
280 (&strtmdy=01JAN and &stopmdy=31DEC) %then %do;
281 %*----Special titles for Quarter and for Year;
282 %if not (&strtmdy eq 01JAN and &stopmdy eq 31DEC)
283 %then %do;
284 title3 "Sales for Quarter";

```

```

285 %end;
286 %else %do;
287 title3 "&repyear Annual Sales";
288 %end;
289
290 proc gchart data=temp;
291 %*----For each analysis variable, do a pie chart;
292 %let setchrt=1;
293 %let chrtvar=%scan(&vars,1);
294 %do %while (&chrtvar ne );
295 pie &classvar / type=sum sumvar=&chrtvar
296 coutline=black percent=outside;
297 run;
298 %let setchrt=%eval(&setchrt+1);
299 %let chrtvar=%scan(&vars,&setchrt);
300 %end;
301 quit;
302 %end;
303 %*-----Close alternate destination if specified;
304 %if %upcase(&outputdest) ne LISTING %then %do;
305 ods &outputdest close;
306 ods listing;
307 %end;
308 %mend report;

309 %report(repyear=2007,start=01jul,stop=31aug,outputdest=rtf,style=gears)
WARNING: No body file. RTF output will not be created.

```

```

-----
73

```

ERROR 73-322: Expecting an =.

```

NOTE: There were 700 observations read from the data set BOOKS.YTDSALES.
      WHERE (datesold>='01JUL2007'D and datesold<='31AUG2007'D);
NOTE: The data set WORK.TEMP has 700 observations and 11 variables.
NOTE: DATA statement used (Total process time):
      real time           0.01 seconds
      cpu time            0.01 seconds

```

```

NOTE: There were 700 observations read from the data set WORK.TEMP.
NOTE: PROCEDURE TABULATE used (Total process time):
      real time           0.03 seconds
      cpu time            0.00 seconds

```

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Semicolon zum dritten

4 June, 2012 - 17:02 — JanHeuer

Hallo Ollie,

doppelter Code ist nie gut, hier aber fatal. Der Code

```

224 /*Forum*/
225 %if %upcase(&outputdest) ne LISTING %then %do;
226 ods listing close;
227 ods &outputdest
228 %if &style ne %then %do;
229 style=&style
230 %end;
231 %end;

```

muss raus!

Schöne Grüße

Jan

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ods body=

5 June, 2012 - 10:43 — HansKneilmann

Hallo,

der doppelte Code, den Jan monierte, ist sicher nicht gut bzw. fatal, aber die eigentliche Ursache für den Fehler ist, meiner Meinung nach, das unvollständige ODS-Statement.

Ich kenne `ods rtf` nicht wirklich gut, ich glaube ich habe es nur ein-/zweimal getestet. Aber ich vermute, dass der Befehl so ähnlich wie ein `ods html` aufgebaut sein muß:

```
ods html
  body="output_file_name.htm"
  style=minimal
;
```

Bei dem `%report-`Aufruf wird `outputdest=` gesetzt. Aber es ist nirgends im Macro-Code ein `body=` (wie in meinem Beispiel) zu sehen. Und genau *das* mosert SAS an.

Gruß

Hans Kneilmann, Schäfer Shop GmbH (SSI)

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Semicolon fehlt

5 June, 2012 - 10:55 — JanHeuer

Hallo Hans,

in der Tat ist das ODS Statement unvollständig. Es fehlt am Ende das Semicolon. Dies Codestück enthält immer noch den fehlerhaften Code, der bereits im ersten Beitrag vorhanden war.

Ansonsten funktioniert ODS RTF genauso wie ODS HTML auch ohne File- oder Body-Option. Die Ausgabe wird dann halt in das aktive Verzeichnis mit Standardnamen geschrieben.

Schöne Grüße

Jan

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Semicolon fehlt

5 June, 2012 - 11:03 — HansKneilmann

Hallo Jan,

jetzt sehe ich's auch.

Das war das fatale an dem doppelten Code, oder?

Ansonsten funktioniert ODS RTF genauso wie ODS HTML auch ohne File- oder Body-Option. Die Ausgabe wird dann halt in das aktive Verzeichnis mit Standardnamen geschrieben.

Wußte ich nicht, wieder was dazu gelernt. Prima.

Gruß Hans

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Genau

5 June, 2012 - 11:19 — JanHeuer

Hallo Hans,

genau. Nicht nur überflüssig, da das ODS Statement in den Zeilen davor bereits korrekt geschrieben wird, sondern zusätzlich noch falsch.

Schöne Grüße

Jan

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Vielen herzlichen Dank für

6 June, 2012 - 10:16 — ollie_

Vielen herzlichen Dank für Eure Unterstützung und Hilfe! :-)

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