

Date Ranges and Formatted Values to be used in PROC FORMAT

fmt_value	start_dt	end_dt
01 APR2007	01APR2007	30APR2007
02 MAY2007	01MAY2007	31MAY2007
03 JUN2007	01JUN2007	30JUN2007
04 JUL2007	01JUL2007	31JUL2007
05 AUG2007	01AUG2007	31AUG2007
06 SEP2007	01SEP2007	30SEP2007
07 OCT2007	01OCT2007	31OCT2007
08 NOV2007	01NOV2007	30NOV2007
09 DEC2007	01DEC2007	31DEC2007
10 JAN2008	01JAN2008	31JAN2008
11 FEB2008	01FEB2008	29FEB2008
12 MAR2008	01MAR2008	31MAR2008
81 Q1 2007	01APR2007	30JUN2007
82 Q2 2007	01JUL2007	30SEP2007
83 Q3 2007	01OCT2007	31DEC2007
84 Q4 2007	01JAN2008	31MAR2008
99 YTD	01APR2007	31OCT2007

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/*****
/* Create data set in form required by proc format          */
/*   hlo = 'SM' indicates non-sorted data and multilabel format  */
*****/
DATA formatdata;
  set fiscal_year_dates;
  retain fmtname 'fmtfydates'
         hlo      'SM';
  rename start_dt = start
         end_dt   = end
         fmt_value = label;
run;

/*****
/* Create user-defined format from SAS data set          */
*****/
PROC FORMAT CNTLIN = formatdata;
RUN;

```

HLO - A character variable that contains range information about the format or informat in the form of eight different letters that can appear in any combination.

F	standard SAS format or informat used for formatted value or informatted value
H	range's ending value is HIGH
I	numeric informat range (informat defined with unquoted numeric range)
L	range's starting value is LOW
N	format or informat has no ranges, including no OTHER= range
O	range is OTHER
M	MULTILABEL option is in effect
R	ROUND option is in effect
S	NOTSORTED option is in effect