MULTIPLE PLOTS PER PAGE? GRAPHICS AND CATALOGS MAKE IT EASY

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ABSTRACT

This paper describes the accumulation and

Figure 4 is an example of

Referring to Figure

the ascii data is set up w
program (Figure 2) shows how the template entry user is created. The template catalog system.sct02 is created in the directory c:sugi21\catalog, and the template defined (by the tdef option) is called user. It sets up a "page" of graphics output which will show 22 workstation graphs, and one title. This overall title must be put on the page also, and the easiest way to avoid its appearance over each graph instead of on the top of the page is to make it part of the template entry. The \lx,....\ry keywords describe where on the page each panel will be placed. The numbers set like printed. During this proc set up in the desired templ.

Figure 4 shows a the number of users or during Monday, November running macro sortgral numusers, user, Mon, or activity in terms of the high server sdac. A quick gla give a system manager t overload, und unter.
%macro prsrupt(date);

data c.ps6date; infile "c:sugi21\data\ps6\date..dat" length runtime halfhour rss ns numusers 3.;
   input first $ second $ 0;
   if left(trim(second))="up" or left(trim(second))="d" then
     /* it is the runtime command, the beginning of a sequence */
     **** For runtime - and thus, time of day, add 6 minutes that each set of system measurements takes 6 mi
     **** This could be somewhat long at times, but makes
     if first="bacchus" then do;
       if _n_=1 then runtime=0;
       else runtime+6;
       end;
     if left(trim(second))="down" then
       input $1 machine $ upordown $ uptime $;
     else do;
   end;
%end;
NOTE: The SAS System for Microsoft Windows, Release 6.10 Limited Production
1  goptions device=qmaps800;
2  
3  libname a 'c:sugi21\catalog';
NOTE: Libref A was successfully assigned as follows:
Engine:           V610
Physical Name:   C:sugi21\CATALOG

*** This proc gproplay statement creates a permanent template catalog ***
*** called system.act02 in directory c:sugi21\catalog.  ****
*** The tdef statements defines particular entries called user and load ***
*** to go into that catalog and they have the panel setup described ***
*** by the l1x, l1y, ulx, uly, lrx, lry, ulx, and ury notations.  For the***
*** 23 machines of this program they are shown in portrait mode, 4 across ***
*** for 5 rows, then 2 in the 6th row.  They are also set up using the ***
*** qmaps800 driver above, which should be specified in the template creation***
*** program.  A 23rd panel for the title is included for the entry gelide***
*** from the proc gelide statement.  SAS is "tricked" into putting the title***
*** with the right size - note that this panel is set for the whole page;***
*** To look at the templates on the screen before running a program to ***
*** put alerts in them use the commands ****
/* THE MACRO VARIABLES ARE: 
   varname - variable to be graphed (load or user) 
   type - type of graphs desired (load or user) 
   date - date of information desired 
   day - day of the week 
*/

*************** SORTS AND GRAPHS ***************
%macro sortgraf(varname,type,day,date);
%let firstlet=%substr(type,1,3); /* for filename
%let plotparm=type,&day,&date,&firstlet);

/* Title is graphics output to catalog &date in u 
/* By default the entry is called gslide. There 
/* catalog, this one named gslide and the 22 plot
proc gslide gout=type..&date;
title h=3 pct " &type stats - &date ";
/* proc machines */
user statistics - NOV 20

- MACHINE=bergmen
- MACHINE=trexus
- MACHINE=dante
- MACHINE=eres
- MACHINE=fallus
- MACHINE=phobos