



Dear Readers,

If you read my editor's note last month, you heard a little about the new way we plan to communicate with you. It was a tease, I admit, so here are the details: We're entering the blogging world! We have created a blog to let you know about the changes coming to support.sas.com. We'll outline the changes to the look and navigation of the site, tell you which links have changed, give you sneak peeks of the new functionality, and provide you with help for the new design. You'll find all this, and more, at blogs.sas.com/supportnews.

Check it out today, and be sure to post a comment. We want to know what you're thinking!

A handwritten signature in black ink that reads 'Shelley Sessoms'.

Shelley Sessoms
Editor, *SAS Tech Report*

Support for Microsoft Windows Vista™

SAS 9.1.3 Support for Microsoft Windows Vista™

General availability of Microsoft Windows Vista has generated many requests from existing SAS customers for support of this operating system. SAS is now announcing support of Microsoft Vista for some of our 9.1.3 SP4 products.

- Starting in July 2007, Microsoft Windows Vista is supported with SAS 9.1.3 SP4 for [an identified set of products](#).
- SAS 9.1.3 SP4 supports 3 of the 5 Windows Vista editions for 32-bit editions only. The following versions are targeted at the business market:
 - Windows Vista Business
 - Windows Vista Enterprise - available only to Microsoft Enterprise Agreement customers
 - Windows Vista Ultimate
- SAS 9.1.3 SP4 does NOT support the editions targeted at the consumer market. These editions include Windows Vista Home Premium and Windows Vista Home Basic.
- SAS 9.1.3 SP4 products support the three 32-bit versions of Windows Vista that are targeted at the business market. SAS 9.1.3.SP4 does not support Windows Vista 64-bit editions at this time. More information on Windows Vista 64-bit editions can be found here support.microsoft.com/kb/932795/en-us
- There are significant hardware requirements to run Windows Vista.
 - The general recommendation is to deploy Windows Vista on only new personal computers, since older hardware lacks the power to take advantage of the operating system.
 - Machines that carry the "Windows Vista Capable" label can use basic Vista features such as User Account Control and search, but not the new Aero interface.
 - Windows Vista Premium Ready machines are capable of using all of Vista's features.
- Internet Explorer 7, the default Web browser for Vista, is supported.
 - The SAS Windowing Environment, also known as Display Manager, uses IE 7 to display Output Delivery System output (ODS). ODS utilizes IE 7 Active X control in rendering HTML.
 - At this time, IE 7 rendering is not supported for the Information Delivery Portal, Web Report Studio, SAS OLAP Viewer for Java or any SAS solutions.

For more details, read [Support and installation of SAS 9.1.3 SP4 on Microsoft Windows Vista](#).

Sample 1766: Moving Data from Here to There Using SAS Enterprise Guide

Here's an easy way to copy data from one SAS server to another, using SAS Enterprise Guide:

1. In the Server List view, expand the server with the source data so that you can select the data set.
2. Right-click the data set and choose Copy.
3. Expand the target server in the same way, selecting the library where you want the data to land.
4. Right-click the library and choose Paste.

SAS Enterprise Guide copies the data set record-for-record over the network from one server to the other. Note that for large data, this operation can take a long time.

TIP:

Another more efficient way to move data around is to use the Upload and Download SAS Data tasks. They currently don't ship with SAS Enterprise Guide "out of the box," but they are available on the SAS support Web site in the [Software Downloads](#) section. Look for Upload/Download SAS Data Sets — Tasks for SAS Enterprise Guide.

This tip was adapted from Chapter 18, "Ten SAS Enterprise Guide Productivity Tips" from *SAS for Dummies*.

FAQ: How Can I Get the Desired Ordering of My Data?

Q: When I specify ORDER=DATA in the DEFINE statement, I do not get the exact order of the input data set in my report. How can I get the desired ordering of my data?

A: When ORDER=DATA is specified, PROC REPORT orders the GROUP/ORDER/ACROSS variable in order of appearance across all observations in the data set, not per grouping. If all the values in the variable are not in the first grouping, PROC REPORT establishes an ordering pattern based on the first grouping. For each subsequent grouping, any new value is added to the end of the established ordering pattern.

To achieve the desired order of the data from the data set, create a counter in the DATA step prior to the REPORT procedure. Use the counter as the first variable in the COLUMN statement, and define the variable as an ORDER or GROUP with a NOPRINT.

Here is an example of how to create a counter to achieve the desired order of the report data:

```
DATA test;
INPUT type $ num;
count +1;
DATALINES;
a 1
a 2
b 3
a 4
b 5
b 6
b 7
;
RUN;

DATA new;
SET test;
RETAIN hold ' ';
IF _n_=1 THEN DO;
  hold=type;
  flag=1;
END;
IF hold NE type THEN DO;
  hold = type;
  flag + 1;
END;
RUN;

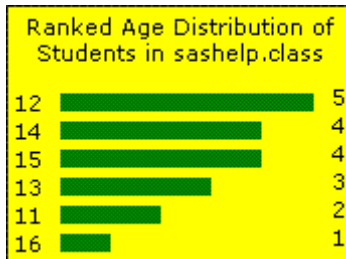
OPTIONS NOCENTER;

PROC REPORT NOWD;
COL type num count;
DEFINE type / ORDER ORDER=DATA;
DEFINE num / ORDER ORDER=DATA;
TITLE 'PROC REPORT not in the ORDER of the DATA';
RUN;
```

```
PROC REPORT NOWD;  
COL flag type num count;  
DEFINE flag / ORDER ORDER=DATA NOPRINT;  
DEFINE type / ORDER ORDER=DATA;  
DEFINE num / ORDER ORDER=DATA;  
TITLE 'PROC REPORT in the ORDER of the DATA';  
RUN;
```

Sample 1761: Delivering SAS Graphs via SAS E-mail to a BlackBerry

You may already know how to send email from SAS. The challenge addressed here is how to format a readable graph for a BlackBerry or any other very small screen device. The minimalist image below is one viable example.



Your SAS program can send e-mail to multiple addresses, with multiple attachments, with a CC and BCC. For more information about SAS e-mail in the SAS 9.1.3 OnlineDoc, go to: support.sas.com/onlinedoc/913/getDoc/en/lrdict.hlp/a002058232.htm.

Note: To get a similar looking result with a different release of SAS/GRAPH, it may be necessary to change one or more of the following: bar width, bar space, inserted space at the top of the graph, inserted space at the right-hand side of the graph.

The following code will produce the graphic displayed in this sample. For this sample to work, specify the file location and e-mail address as appropriate.

```
goptions reset=all;
goptions device=GIF;
goptions ypixels=129 xpixels=172; /* Default size for a GIF image is
800 X 600.
        Preserve 4-to-3 aspect ratio, but adjust the size for the
screen of a BlackBerry. */
goptions border; /* Put the graph in a box. */
goptions cback=CXFFFF00; /* Use RGB Yellow for background. */
goptions htext=10 PCT ftext='Verdana'; /* Specify height and font
used for those parts of the graph
        for which you do not make an explicit assignment,
        or for which no direct controls are available in SAS/GRAPH.
*/

goptions gsfmode=replace gsfname=anyname;
filename anyname "C:\FolderName\FileName.GIF";

title1 font='Verdana'
        color=CX000000 /* RGB black */
        height=3 PCT ' ' /* Insert space at the top. */
        height=10 PCT
        justify=CENTER /* Force a new line. */
        "Ranked Age Distribution of"
        justify=CENTER /* Force a new line. */
        "Students in sashelp.class";

footnote1 angle=+90 font='Verdana' height=2 PCT ' ';
```

```

    /* This "footnote" is a blank "right-side-note" to increase space
at the side of the image. */
    /* Use angle=-90 to create a "left-side-note" if needed. */

    pattern1 v=solid color= CX007400; /* Use an RGB Medium Dark Green
for the bars. */

    /* Remove all axis paraphernalia: */
axis1 label=none major=none minor=none style=0;
axis2 label=none major=none minor=none style=0 value=none
    offset=(5 PCT,5 PCT);
    /* Offset the horizontal axis to insert extra space between bar
midpoint label and bar start,
    and between bar end and bar response value. */

proc gchart data=sashelp.class;
hbar Age /
    discrete      /* Use Ages, not Age subranges. */
    freq
    freqlabel=' ' /* Suppress the Frequency column heading. */
    descending
    maxis=axis1 raxis=axis2
    width=4 space=3; /* bar width and spacing */
run; quit;

filename anyname2 email
    to="recipient@company.com"
    subject="Graph for Your BlackBerry"
    attach="C:\FolderName\FileName.GIF";

data _null_;
file anyname2;
put 'Please see the attached graph.';
run;

```

Introduction to Data Mining Using SAS Enterprise Miner

By: Patricia Cerrito

List price: 89.95 USD

488 pages

ISBN: 978-1-59047-829-5**

ISBN 10: 1-59047-829-0**

Publisher: SAS Press

Copyright Date: November 2006

Description:

If you have an abundance of data, but no idea what to do with it, this book was written for you! Packed with examples from an array of industries, this introductory text provides you with excellent starting points and practical guidelines to begin data mining today. The author encourages you to think of data mining as a process of exploration rather than as a collection of tools to investigate data. In that way, you choose the methods that will extract the most information from your data, and, while there are no right answers to investigating data sets, there are many questions that can be asked to produce meaningful results. Each answer then creates a path that helps you drill down to explore the data fully. It is up to you to determine what is of interest and what is important to analyze.

In addition to providing a basic introduction to the processes and techniques of data mining using SAS Enterprise Miner software, the book also addresses:

- Visualizing and summarizing data
- Using clustering, association rules, and predictive modeling
- Using SAS Text Miner software for text analysis
- Writing accurate and effective reports about your data mining results

This book is intended for a broad audience interested in learning about the practical aspects of data mining. Readers should have some basic knowledge of SAS and statistics.

Includes a free CD-ROM with the SAS Enterprise Miner color images from the book, example code, and data sets.

Purchase the book today:

<http://www.sas.com/apps/pubscat/bookdetails.jsp?pc=59829&promo=EN>

Your SAS® Data Has Lots to Tell You

Learn SAS Enterprise Miner 5 from your desktop and unleash the hidden powers of your data. Are you a data analyst seeking an understanding of the analytic capabilities of SAS Enterprise Miner 5.2? You now have immediate access to Applied Analytics Using SAS Enterprise Miner 5 from SAS Self-Paced e-Learning. Learn more about using the rich toolset of SAS Enterprise Miner.

Read more about this course:

http://www.sas.com/apps/elearning/elearning_details.jsp?pubcode=E1009

Webcasts and Events

PNWSUG

September 17 - 18

Seattle

This year's conference will be held in the Washington Convention and Trade Center in downtown Seattle.

SCSUG

September 30 – October 2

Austin, TX

This regional users group conference will be held at the Austin Sheraton Hotel.

SAS' 10th Annual Data Mining Conference, M2007

October 1 - 2

Caesars Palace, Las Vegas

You'll learn best practices, new techniques and the latest trends through case studies, keynote presentations, hands-on training and workshops.

SAS® Add-In for Microsoft Office

On-Demand Web Seminar

During this one-hour seminar, learn what the SAS Add-in for Microsoft Office is, why it is important and who will benefit most.

Supercharging Your Business Intelligence with Text Analytics

On-Demand Web Seminar

During this online seminar, you'll discover innovative ways to tap and manage your unstructured data for enhanced customer intelligence, information management and other BI endeavors.