

SAS® GLOBAL FORUM 2016

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Get a Quick Start with SAS® ODS Graphics By Teaching Yourself

Roger D. Muller, Ph.D., Data-To-Events, Inc.

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To Get Started with ODS Graphics, Take the Route of Using the ODS Graphics Designer

General idea –

1. Pick out something in the GUI interface that is close to what you want.
2. Generate the graphic to get it looking like you want or close to that look.
3. Generate source code.
4. Then copy the source code and then edit it in a SAS editor and modify as you wish.

How to do this -

1. Start SAS Enterprise Guide
2. Find ODS Graphics Designer
3. In Enterprise Guide 7.1, it is located at:
4. On the menu bar, select “Tasks”
5. Then select “Graph”
6. Then Select “Open ODS Graphics Designer”
7. Proceed to next slide to see sample screen. That is all there is!



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1. Select Graphic in the Gallery that is close

4. Study generated code. Copy to your SAS programming environment

ODS Graphics Designer - Sample Graph from ODS Graphics Designer.sgd - Graph Size = (640,480)

File Edit View Insert Format Tools Help

Graph Gallery

Basic Grouped Analytical Custom Matrix Panels

Grouped Scatter Plot

Grouped Series Plot

Grouped Bar Plot

Grouped Line Plot

Code - Sample Graph from ODS Graphics Designer

```
proc template;
define statgraph sgdesign;
dynamic _ORIGIN _INVOICE _TYPE;
begingraph;
entrytitle halign=center 'Roger's Test, H
Way';
entryfootnote halign=left 'Type in your f
layout lattice / rowdatarange=data colu
columnngutter=10;
lavout overlay / xaxisonts=( discreteor
```

Organize Properties...

Assign Data

Library: SASHELP

Data Set: CARS

Panel Variables Plot Variables

Plot: bar

Variables

Category: ORIGIN

Response: INVOICE

Group: TYPE

URL: <Optional>

More Variables...

Statistic: Mean

Group Display: Cluster

Name: bar

Axis: X Y

Advanced Options...

OK Cancel

Group and Subgroup the ODS Graphics Wa

2. Fill in fields

3. Look at generated graph, tweak as desired

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- See proceedings paper for much more detail.
- See Youtube channel for accompanying video with this technique in action (details on linking are in paper)

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