SAS® GLOBAL FORUM 2019

USERS PROGRAM

APRIL 28 - MAY 1, 2019 | DALLAS, TX



Amy Peters and Samantha DuPont SAS

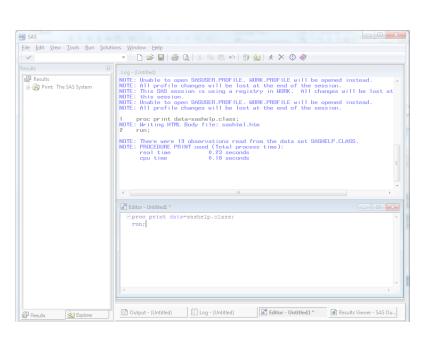
As the product manager and user experience designer (respectively) of SAS Studio and SAS Enterprise Guide, Amy & Sam are all about keeping SAS programmers productive and happy, and are excited to share the plans for these interfaces.

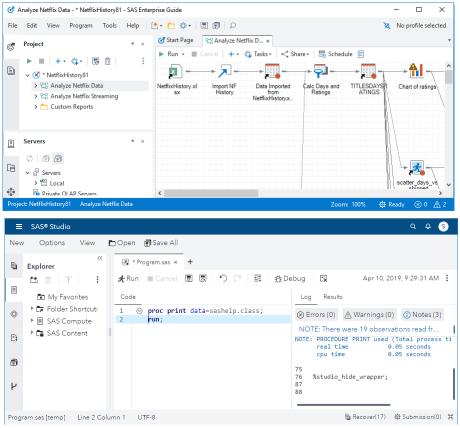
SAS® Studio or SAS® Enterprise Guide®: What's the Best SAS Programming Interface for Me?



Where We've Come From

SAS Display Manager, SAS Enterprise Guide, SAS Studio







Where We Are Going Work Anywhere





Do I Have SAS Enterprise Guide or SAS Studio?

SAS release older than SAS 9.4?

ENTERPRISE GUIDE Available since SAS 8.0.

SAS STUDIO Not available as introduced in SAS 9.4.

Available on SAS Viya?

ENTERPRISE GUIDE A release on Viya is planned.

SAS STUDIO Available as a native SAS Viya application.

Not Installed?

ENTERPRISE GUIDE ...

Your IT policy may not allow desktop apps. If they are, ask your administrator to install.

SAS STUDIO

Ask your administrator to configure SAS Studio and provide you with an URL.

Not Licensed?

ENTERPRISE GUIDE Some licenses have unlimited seats, some are restricted.

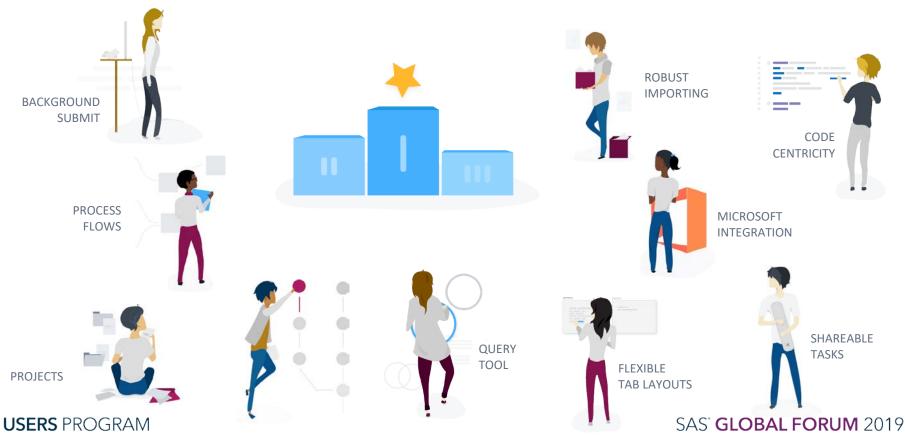
SAS STUDIO Free with any SAS license.



USERS PROGRAM

SAS' GLOBAL FORUM 2019

What are the Major Differences in Capability?

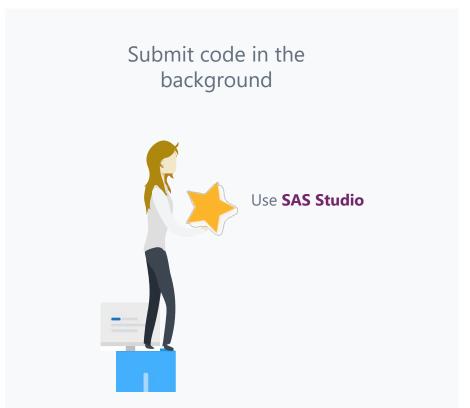




The Only Winner Is...

Organize work in a project







Winner and Runner Up Are...

Query Tool

Process Flows

Robust Importing

Flexible Tab Layouts

Microsoft Office Integration





Winner and Runner Up Are...

SAS Studio

Code Centricity Shareable Tasks Git Integration

more robust **Enterprise Guide** hasn't **yet** caught up



Need an Understanding of Features & Releases?

http://support.sas.com/software/products/sas-studio/faq/SASStudio_vsEG.htm





Features & Releases

SAS Studio and SAS Enterprise Guide						
		SAS Enterprise Guide		SAS Studio		
		SAS 9			SAS Viya	
		7.1x	8.1	3.8	5.1	5.x
Programming	DATA Step debugger					
	Append log					
General	Background submit					
	Git integration					
	Keyboard management					
	Schedule					
Data	Freeze columns					
	Query Builder					
	Calculated columns					

SAS and all other SAS Institute Inc. product or service names are registered trademarks or trademarks or trademarks of SAS Institute Inc. in the USA and other countries. * indicates USA registration

8.1 & 5.x are under development

500

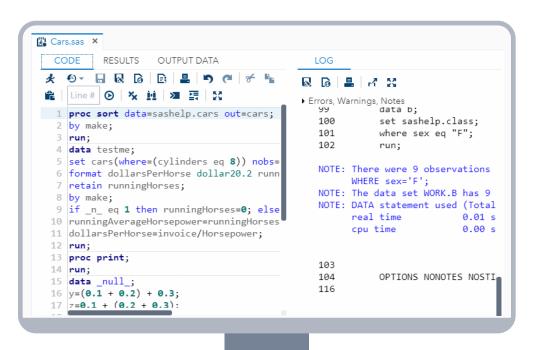
1000

1000

Max # of rows per page



Layout Tabs to Maximize Workspace - SAS Studio



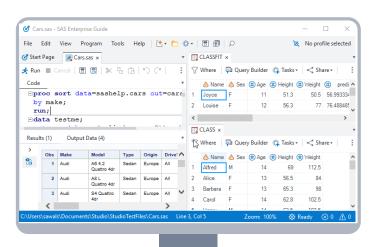
- Layout primary (main) tabs side-by-side horizontally or vertically
- Layout tabs within a program

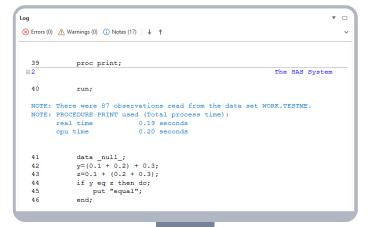


Layout Tabs to Maximize Workspace - SAS Enterprise Guide

- Very flexible tab layout
 - Drag tabs anywhere use the Layout Guide
 - Tear off tabs great for >1 monitors

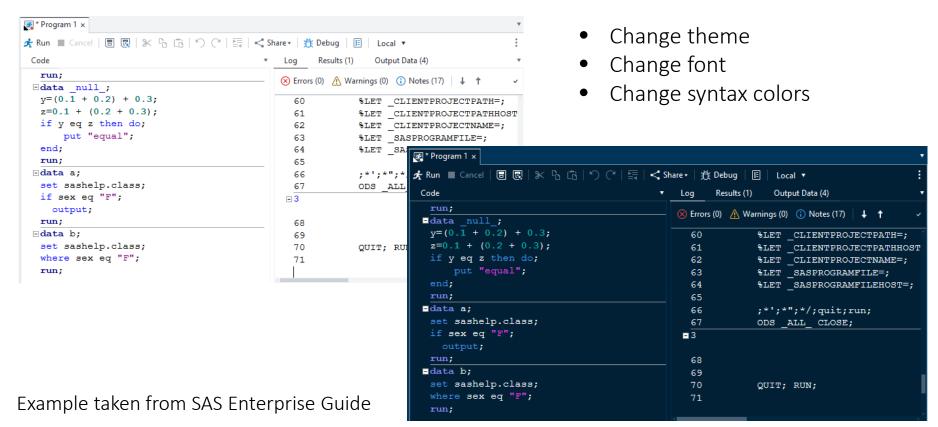








Change the Editor's Appearance





Select and Edit Columns

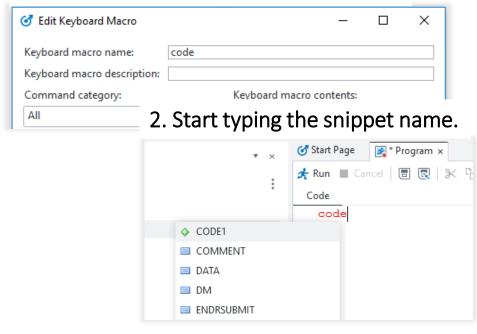
1. Hold down the Alt key and drag mouse over text area you want to work with (Alt+Select).

```
CODE
            LOG
                    RESULTS
  17 infile datalines pad truncover;
  18 input column row number $ 10-12 abbreviation $ 14-16 element $ 18
                                                                      2. Start typing to replace selected code.
  19 datalines;
      1 10
                1 H Hydrogen
                                      Nonmetals, Primordial, Gas
                3 Li Lithium
                                      xxxxxx metals, Primordial, Solid
                                                                        CODE
                                                                                  LOG
                                                                                          RESULTS
                                      xxxxxx metals, Primordial, Solid
               11 Na Sodium
                   K Potassium
                                      xxxxxx metals, Primordial, Solid
               37 Rb Rubidium
                                      xxxxxx metals, Primordial, Solid
                                                                        17 infile datalines pad truncover;
               55 Cs Caesium
                                      Alkali metals, Primordial, Solid
                                                                        18 input column row number $ 10-12 abbreviation $ 14-16 element $ 18-33 descri
                                      Alkali metals, Natural radio, So
               87 Fr Francium
                                                                        19 datalines;
               4 Be Beryllium
                                      Alkaline earth metals, Primordia
                                                                         20
                                                                            1 10
                                                                                         H Hydrogen
                                                                                                             Nonmetals, Primordial, Gas
               12 Mg Magnesium
                                      Alkaline earth metals, Primordia
                                                                                                             Alk metals, Primordial, Solid
                                                                                        Li Lithium
                                      Alkaline earth metals, Primordia
  29 2 7
               20 Ca Calcium
                                                                                        Na Sodium
                                                                                                             Alk metals, Primordial, Solid
                                                                                                             Alk metals, Primordial, Solid
                                                                                          K Potassium
                                                                                     37 Rb Rubidium
                                                                                                             Alk metals, Primordial, Solid
                                                                                     55 Cs Caesium
                                                                                                             Alkali metals, Primordial, Solid
                                                                                                             Alkali metals, Natural radio, Solid
                                                                                     87 Fr Francium
                                                                                      4 Be Beryllium
                                                                                                             Alkaline earth metals, Primordial, Solid
                                                                                     12 Mg Magnesium
                                                                                                             Alkaline earth metals, Primordial, Solid
                                                                                                             Alkaline earth metals, Primordial, Solid
                                                                                         Ca Calcium
                                                                                                             Alkaline earth metals, Primordial, Solid
                                                                                         Sr Strontium
Example taken from SAS Studio
                                                                                        Ba Barium
                                                                                                             Alkaline earth metals, Primordial, Solid
```



Snippets to Insert Reusable Code

1. Name and define the snippet of code.

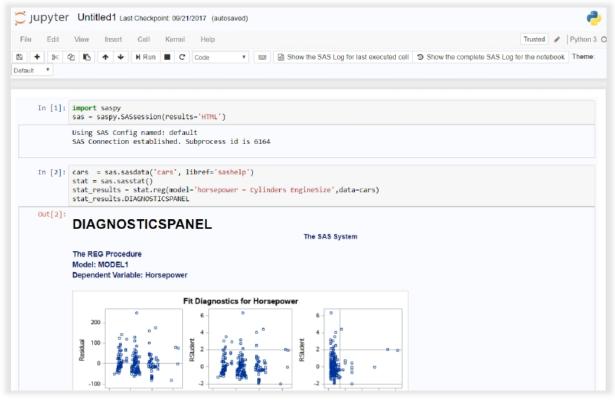


Example taken from SAS Enterprise Guide

3. Select and press Enter to insert snippet.



What Else Can I Use?





Be a Part of the Discussion

Connect with us!

Come by the Clients booth in the Quad

On SAS Communities

- <u>SAS Studio community</u> find it under SAS Programming
- SAS Enterprise Guide community

 find it under Business
 Intelligence
- SASware ballot ideas

Or email us!



Thank you!

Contact Information:

amy.peters@sas.com

samantha.dupont@sas.com

Reminder:

Complete your session survey in the conference mobile app.

USERS PROGRAM

