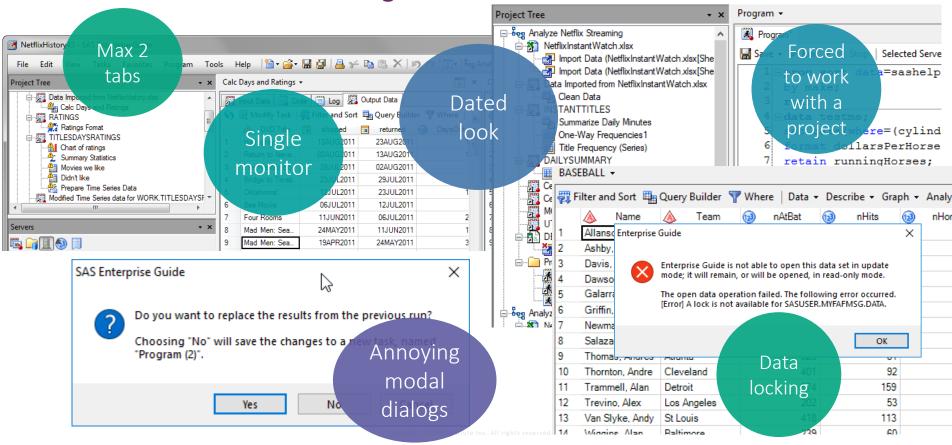




### Why Update SAS Enterprise Guide?

Things we can do better

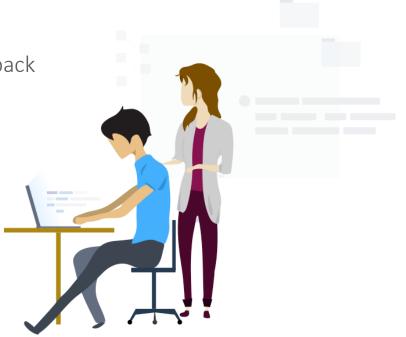


### The Plan

### Modernize, Yet Keep the Essence

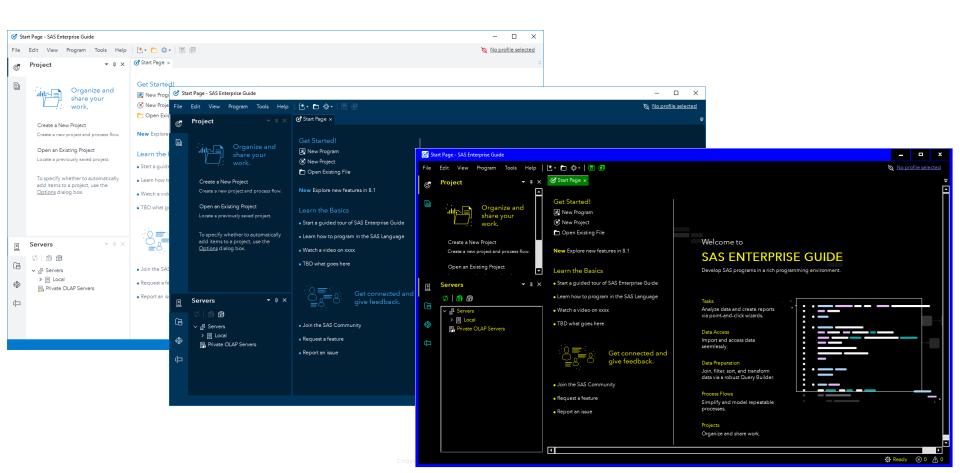
### Why?

- Supporting the work you do
- Listening and responding to your feedback
- Interchangeability with SAS Studio
- How?
  - Attractive, flexible, smart
  - Take advantage of being a desktop app
- When?
  - June 18, 2019



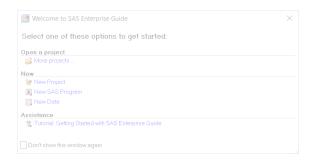


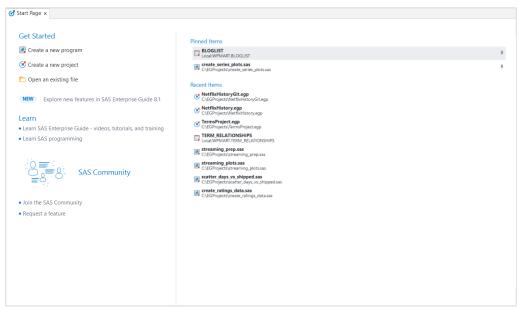
### Meet SAS Enterprise Guide 8.1



# Onboarding First Impressions Matter

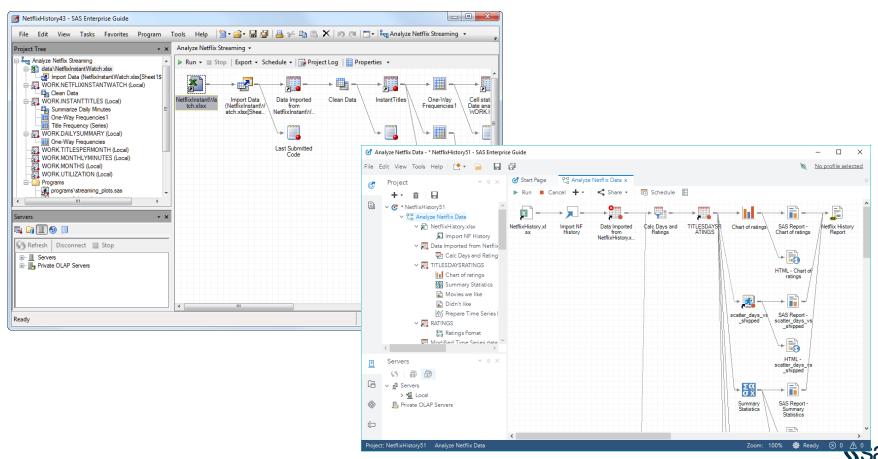
### Before



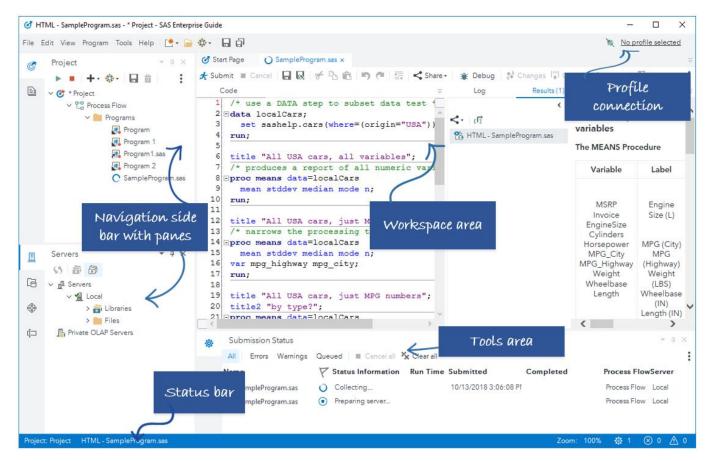




### Refresh the Look



### Refresh the Look





### The Navigation Panes

Most of the panes are trees that contain folders and files. You can do many things from them:

- Create, delete, and rename files and folders.
- Move files and folders with drag and drop.
- Use the context menu to explore all options.

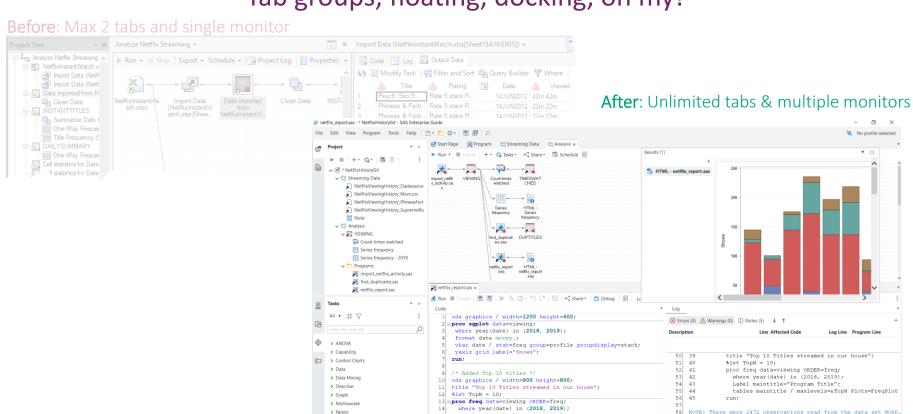
**Tip:** Drag and drop these panes and use the Layout Guide to help you position them where you like them.

Open Items - At a glance you can see a list of your currently opened files.



## Flexible Layout

### Tab groups, floating, docking, oh my!



> Regression

ect: NetflixHistoryGit C\EGProjects\code\netflix report.sas Line 82. Col

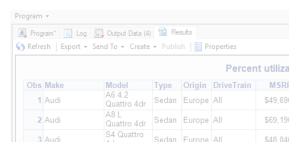
Label maintitle="Program Title";

WHERE YEAR (date) in (2018, 2019);

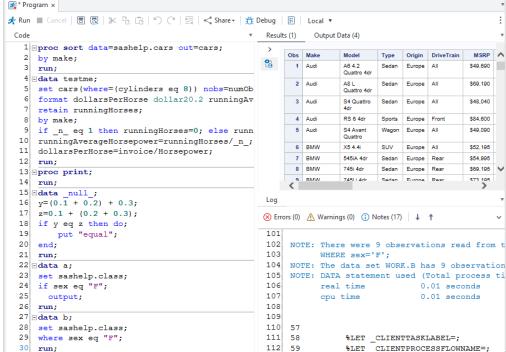
Zoom: 100% SP Ready

# Working with Code, Log, Results At the Same Time!

#### Before: Choose which ONE to view

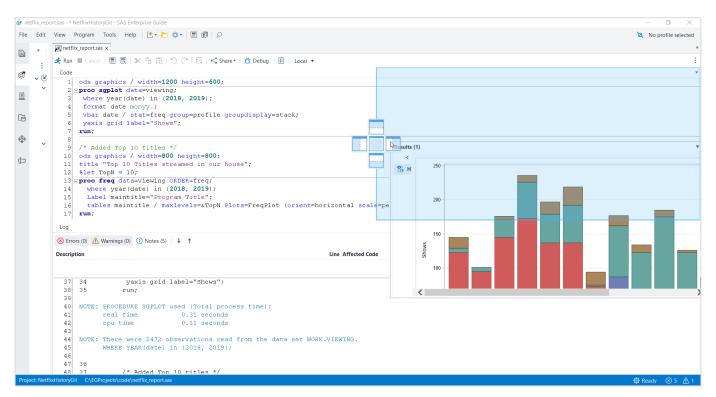


#### After: View ALL



## Working with Code, Log, Results

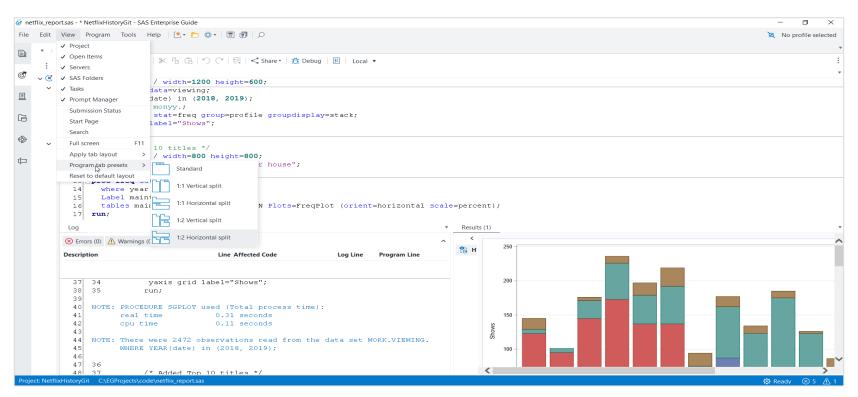
### Drag a tab then use the Layout Guide to help you position the tab





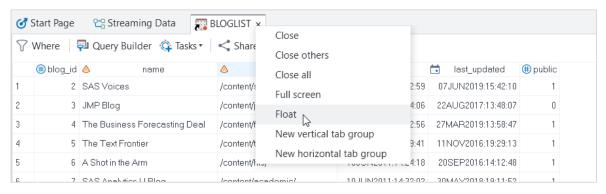
# Working with Code, Log, Results

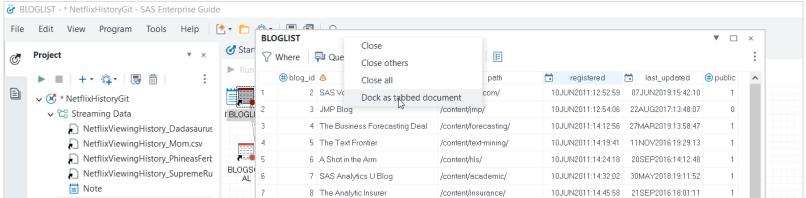
### Or use preset layouts





## Float a Tab Within the App or To Another Monitor



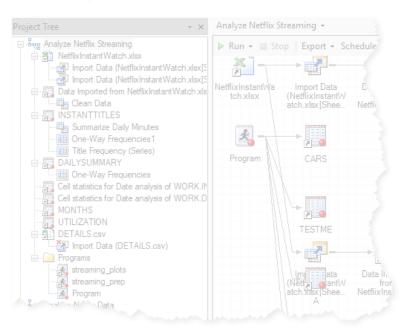




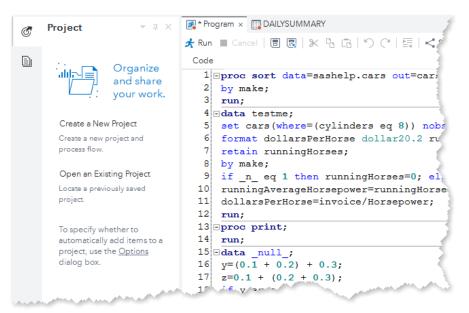
### Working with a Project or NOT!

### Program-centric Development

#### Before: Project required!

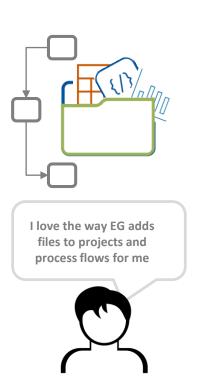


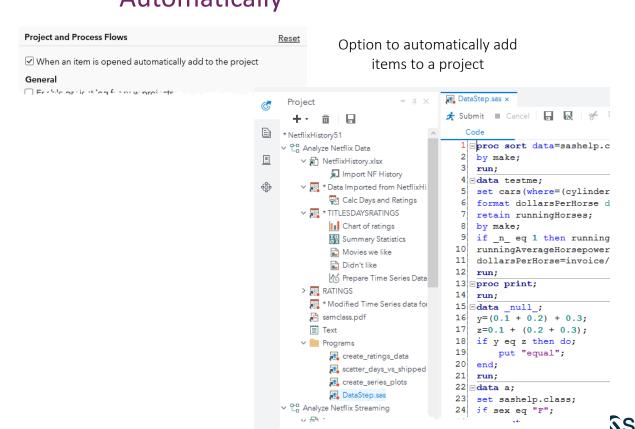
#### After: Project optional!





# Adding Files to a Project Automatically





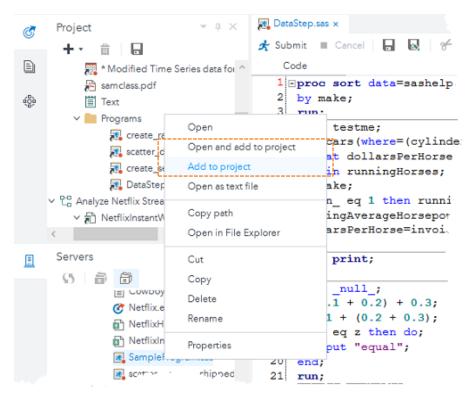
# Add Files to a Project

### Manually



I love the idea of a projects and process flows, but I want to add files myself





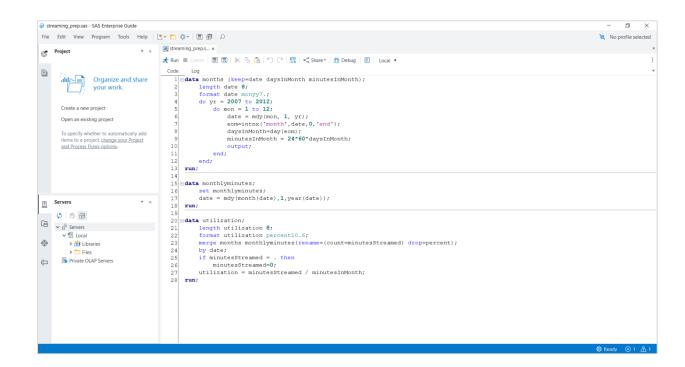


## No Project!



I just want to program – not interested in projects or process flows







### Items That Don't Require a Project

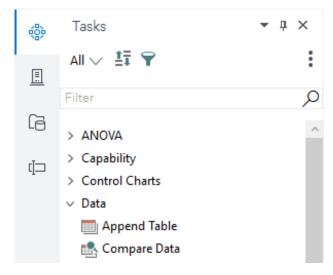
These items do not require a project. They can be opened and edited in a 'project-less' environment. We plan on adding more items, such as tasks, to the list in subsequent releases.

- Programs
- Data
- OLAP Cubes
- SAS Report Results
- SAS Visual Analytics Reports
- Logs



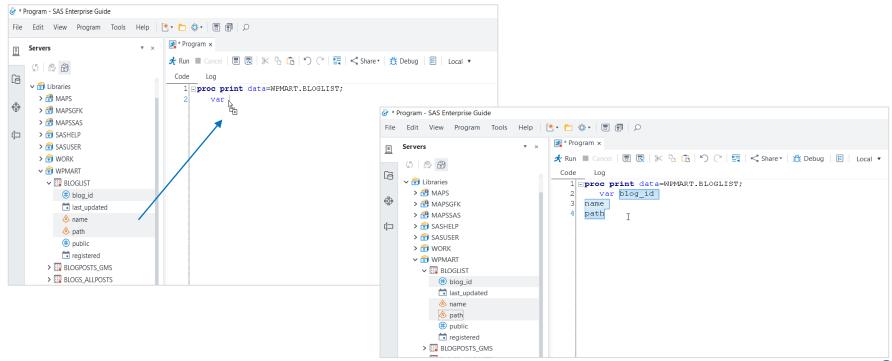
### Working with Tasks

- Tasks now available from the Tasks pane
- Query Builder and Import automatic favorites
- Still need a project to use tasks
- SAS Studio tasks are available





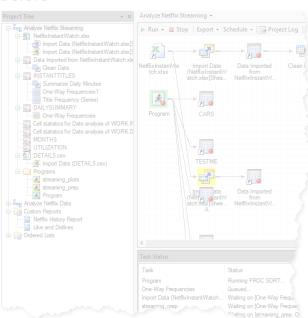
# Drag and Drop Data Set Names and Variables into a Program



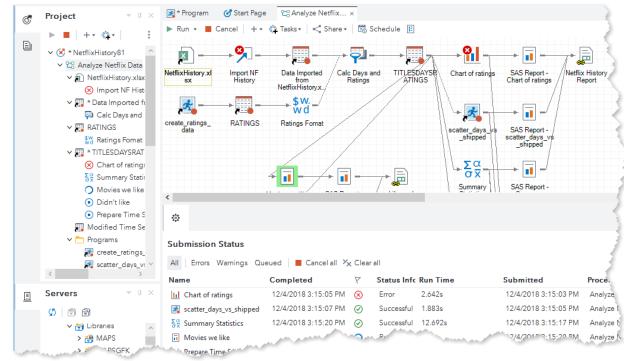
# What's Happening?

### **Submission Feedback**

#### **Before**: Some status information



#### After: Knowing status at a glance



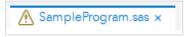
# Running Multiple Items without Locking the UI Status icons



Program is queued in the order of submission.



Program is in the process of being submitted.

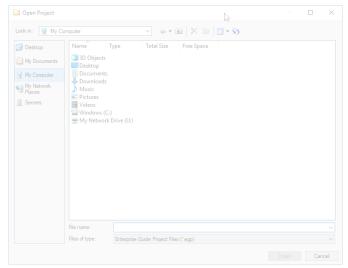


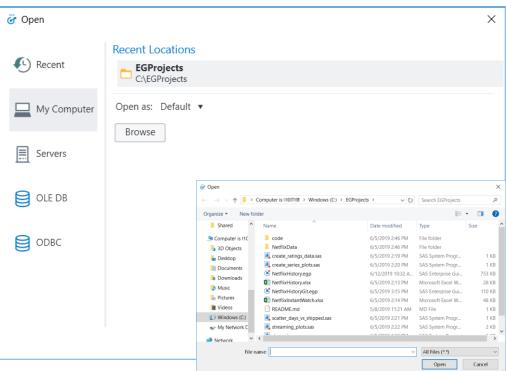
Status icons will show you, at a quick glance, if your program ran with errors or warnings.



### **Opening Files**

### Before After

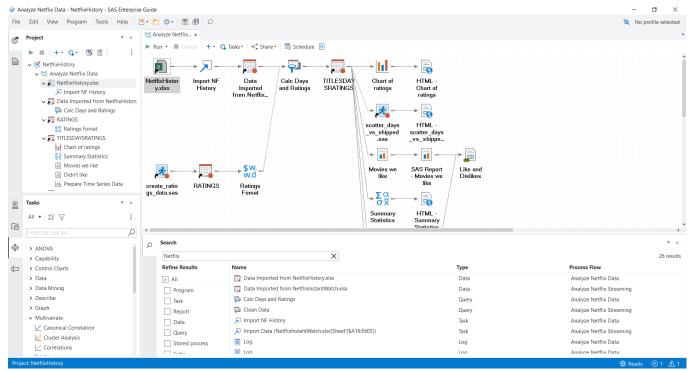






### Search

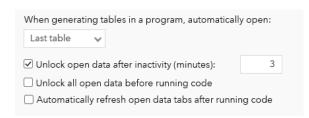
- Search panel that can toggle on and off
- Search for items in a project and in the Open Files pane

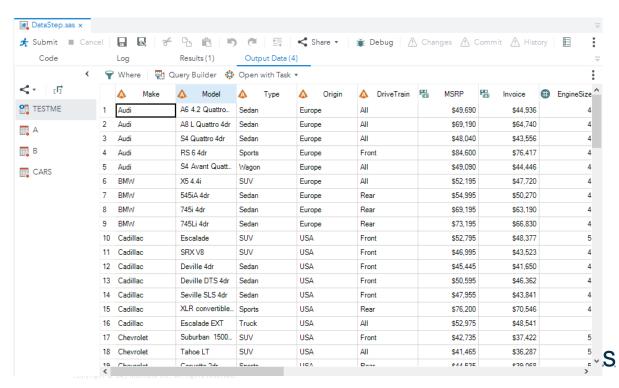




### Output Data Performance Options

New options for controlling what output data to open automatically

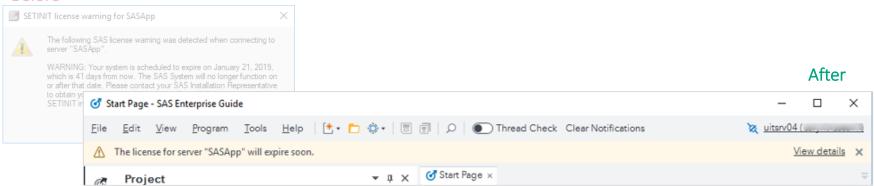




# Notifications What do you really need to know?

- Get out of your way so you can continue working
- Better messaging

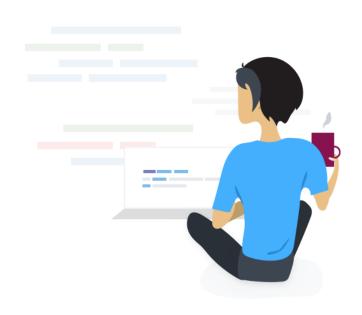
#### **Before**





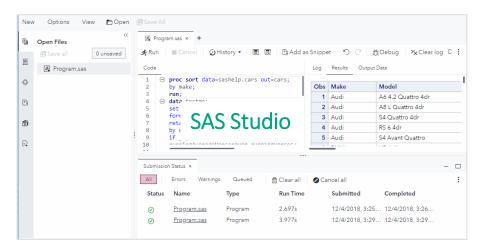
### Behind the Scenes

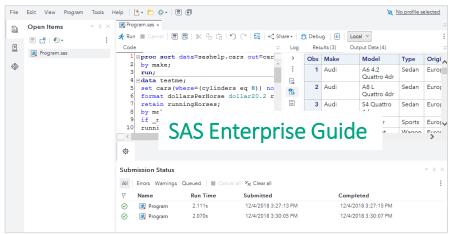
- Always responsive
  - Gracefully handle server unresponsiveness
- More responsible with open data
  - Not locking as long
  - Not opening when unnecessary
- Improved handling of large project logs
- Product help is now online!





# SAS Enterprise Guide and SAS Studio Future Forward







### Die Roadmap für SAS Enterprise Guide

- Die Strategie für Frontends für SAS Viya sind Web-Clients. Derzeit sind das z.B: SAS Studio, SAS Model Studio, SAS Visual Analytics, ...
- Der SAS Enterprise Guide als .NET Applikation wird nach der Version 8.2 nicht mit neuen Features weiterentwickelt, sondern es werden nur mehr Hotfixes herausgebracht.
- Bestehende Kunden können SAS Enterprise Guide 8.1 (bzw. 8.2) weiternutzen.
- SAS arbeitet derzeit an einem neuen Interface, das die Features von SAS Studio, SAS Enterprise Guide und tlw. auch von SAS Data Integration Studio in eine Oberfläche verpackt (einheitlicher Prozessfluss, Query Builder, ...).
- Dieses Interface wird f
  ür das 2. Halbjahr 2020 erwartet und wird ebenfalls ein Web-Client sein.
- Für Kunden, die in der Zwischenzeit auf SAS Viya wechseln bzw. schon auf SAS Viya sind, steht der SAS Enterprise Guide 8.2 (Limited Availability für diese Kunden) zur Verfügung.
- SAS Enterprise Guide 8.2 erlaubt die Verbindung zu einem Workspace Server ohne Metadatenserver und ermöglicht so den Zugriff auf die SAS Viya Plattform und auch den Start einer CAS Session.

