Webinar@Lunchtime
The New SAS Enterprise Guide 8.1
# The New SAS Enterprise Guide 8.1

**Introduction**

<table>
<thead>
<tr>
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</tr>
</thead>
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</tr>
<tr>
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</tr>
</tbody>
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SAS Enterprise Guide 8.1 – The New Start Page
Navigation Panes: Open Items and Search Pane

Lists all your currently opened items

Search Pane
Tasks Pane

No longer a top-level tasks menu

View recent and favorite tasks

Sort tasks by category or name
### The New SAS Enterprise Guide 8.1

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SAS Enterprise Guide 8.1 supports common SAS themes to promote consistent styling with other SAS applications.
Layout: Workspace Layout
Viewing Multiple Content Tabs at the Same Time

Ability to fully customize your workspace layout.
Almost any pane or document tab can be moved, docked, or floated to your liking.
Customize your Layout: Manually or via presets

- Manually customizing: Click and drag any tab

- Customizing via presets
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By default, SAS Enterprise Guide 8.1 does not start up with a project open

**Items That Do Not Require a Project:**

The following items no longer require a project in SAS Enterprise Guide 8.1:

- programs
- data
- OLAP cubes
- SAS Report results
- SAS® Visual Analytics Reports
- logs

More Items without a project are planned in the future.

Code Versioning needs a program within a project!
Ways to Work With or Without a Project

Automatically organize files in a project + process flow
- Programs
- Data sets
- Tasks
- Process flows
- Ordered lists
- Notes
- Stored processes
- Reports

Manually organize files in a project + process flow
- Programs
- Data sets
- Tasks
- Process flows
- Stored processes, notes require a project and are added automatically

You don’t need a project or process flow to work with:
- Programs
- Data
- OLAP Cubes
- SAS Report Results
- SAS Reports (2G, Visual Analytics)
- Logs
How to Handle Large Project Logs

The project log is stored in your project, it can also bloat the size of your project file.

You can configure SAS Enterprise Guide 8.1:

- to simply display a warning message, or
- automatically remove the oldest appended logs, or
- automatically export and clear the project log when the project log reaches the size you specify (5 MB by default) or
- use the option to automatically Clear the log when the project closes

Previous releases of SAS Enterprise Guide warn you when the project log reaches 5 MB in size and stops appending.

Then you must manually(!) export and clear the project log.
To get this setting a project must be opened!
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Great: Drag and drop, or copy the Variable names

Drag and drop

Copy (all) variable names
Intelligent Enhancements: Submission Status

Select **View > Submission Status** (or the gear icon

- It shows the status of *all* your submitted programs, tasks, and stored processes
- The **Submission Status** pane adds additional information including the submission time, the completion time, the run time, and the container for the item

Submissions are not automatically removed from the **Submission Status** pane.

You can select the **Automatically clear successful submissions** menu item.
Intelligent Enhancements: Recent Items and Recent Locations
Intelligent Enhancements: Notifications

- SAS Enterprise Guide now has a **notification banner** to alert you of important events, e.g. simple events such as migrating your project from a previous version of SAS Enterprise Guide to critical events such as a lost connection with your server.

- These messages are displayed in a non-intrusive banner, which allows you to continue working. (You can review and clear the notification messages when you are ready.)
Intelligent Enhancements: Smarter Data Grid

Column Widths:

- Now auto-sized (to the column heading label and values, up to a maximum width) by default when you open data in the SAS Enterprise Guide 8.1 data grid.
- A new Auto-size column widths option (in Tools > Options > Data > General), which is checked by default.
- You can also explicitly auto-size all the columns at any time by selecting the new Auto-size column widths menu item on the data grid's overflow menu.

Previous versions of SAS Enterprise Guide opened data in fixed-width columns.

If you prefer the old behavior, you can uncheck the new Auto-size column widths option.
Intelligent Enhancements: Conservative Locking

Conservative Locking

• Data opened in the SAS Enterprise Guide Grid, the physical data is locked from updating (prevents other users or processes from updating the data)

• With the new tab-based interface in SAS Enterprise Guide 8.1, the data grid remains visible, but releases the underlying lock after a period of inactivity (three minutes by default)

• You can change the period of inactivity via the Unlock open data after inactivity (minutes) option in Tools > Options > Data > Performance

Prior versions of SAS Enterprise Guide would close the data grid after 30 minutes of inactivity (by default).

The default window of potential resource contention has been reduced by 90% (from 30 to 3 minutes)!
Intelligent Enhancements: The New Locking Behaviour

• A banner appears above the data when the data is unlocked after a period of inactivity.
• You are still able to view and scroll the data values that were already retrieved – a big improvement over the previous behavior!
• The banner has a **Refresh** link that will re-open the data (re-establishing the lock) and re-populate with the latest values.
Intelligent Enhancements: Run to Selected Item in Process Flows

SAS Enterprise Guide 8.1 now supports:

- Running **from a node** runs the selected node (inclusive) and all nodes downstream of it.

- Running **to a node** runs all the nodes upstream of the selected node but does not run the selected node itself (exclusive).

Prior releases of SAS Enterprise Guide allow you only to run **FROM** a node in a process flow.
Intelligent Enhancements: Run from or to a Node in a Process Flow

There are two ways to run to or from a node in a process flow:

- Select the desired node and click the down arrow on the Run button on the process flow toolbar and select **Run to selected item** or **Run from selected item**.
- Right-click the desired node and select **Run to selected item** or **Run from selected item**.
Vielen Dank für Ihre Teilnahme!

Weitere Informationen zum SAS Enterprise Guide 8.1

Celebrity Makeover: A Fresh and Modern Look for SAS® Enterprise Guide®

SAS Global Forum Proceedings zum SAS Enterprise Guide
Folien zum Download unter www.sas.de/lunchtime