



## SAS Enterprise Guide for the Programmer: What's in It for Me?

**THE  
POWER  
TO KNOW®**

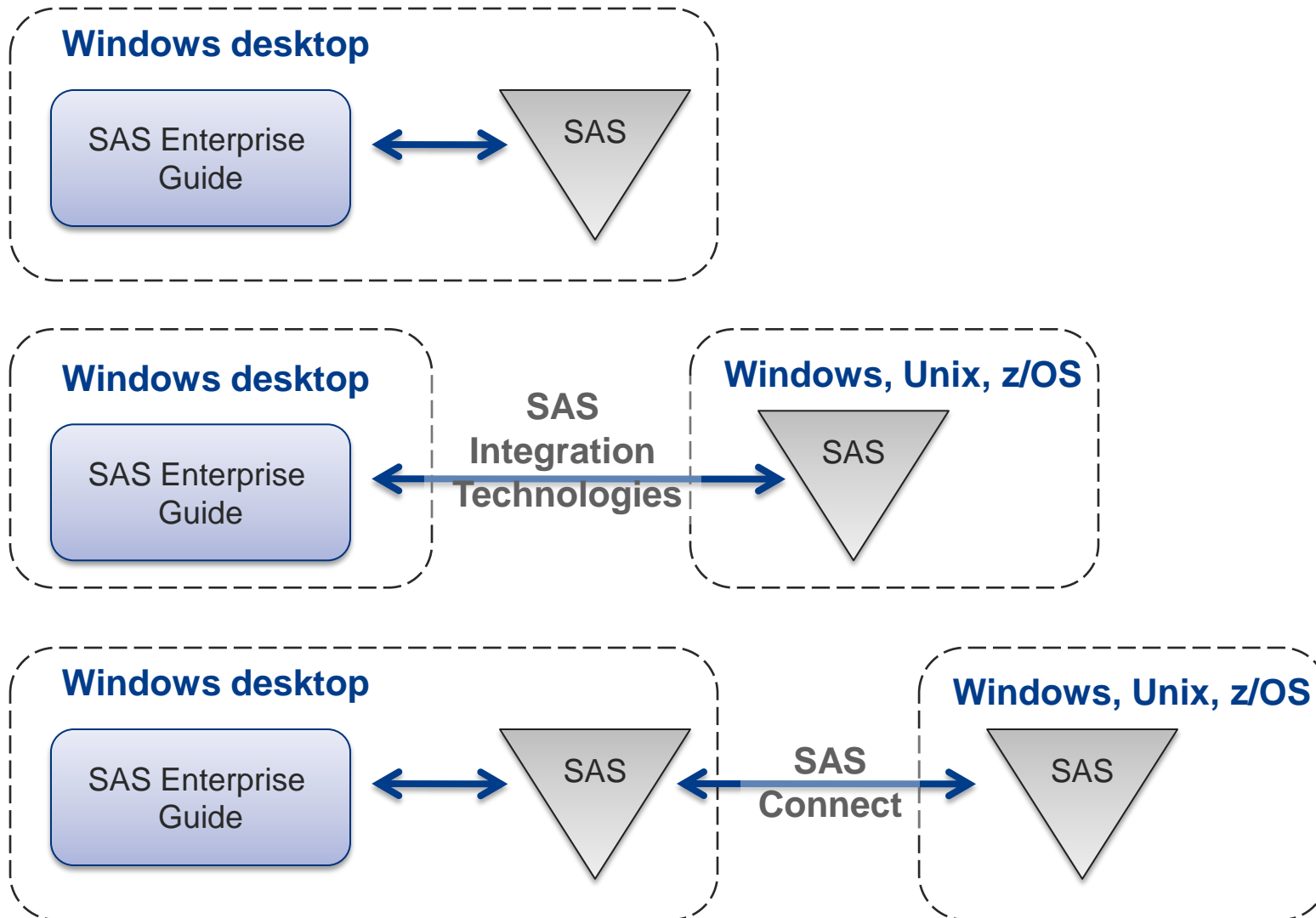
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# About SAS Enterprise Guide

- First developed as “point and click” to SAS
- Focused on business analysts, programmers, and statisticians
- Client application that *uses SAS* to
  - access data
  - run jobs
  - generate results
- Can use it to create and run SAS programs!

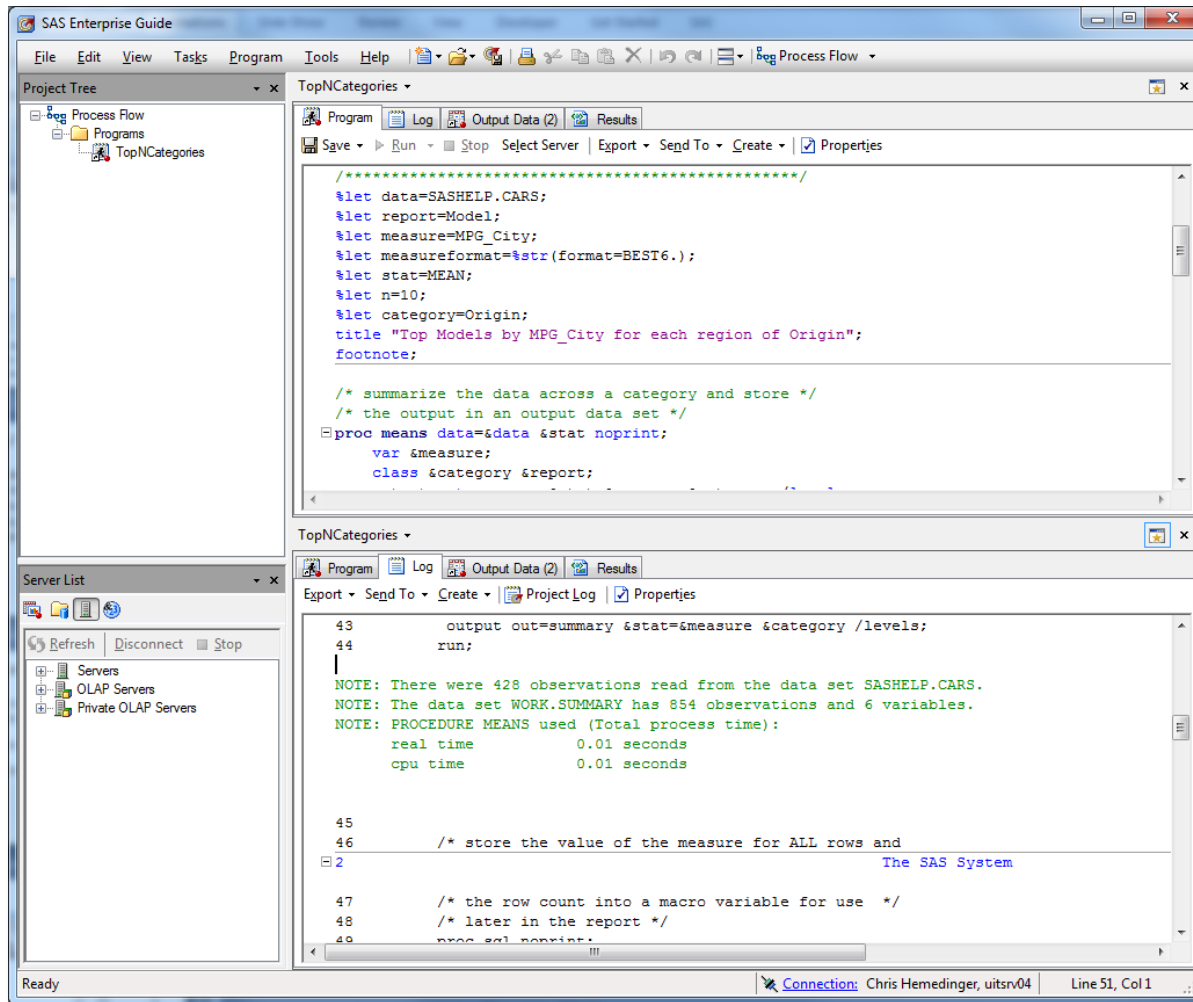
# Topology of SAS Enterprise Guide



# What's in it for me?

- Open, create, and run SAS programs
- Organize your work in project files
- Let built-in tasks do the heavy lifting
- Get flexible with project prompts and conditions
- A few things don't work. Avoid those.

# Running SAS Programs Demo

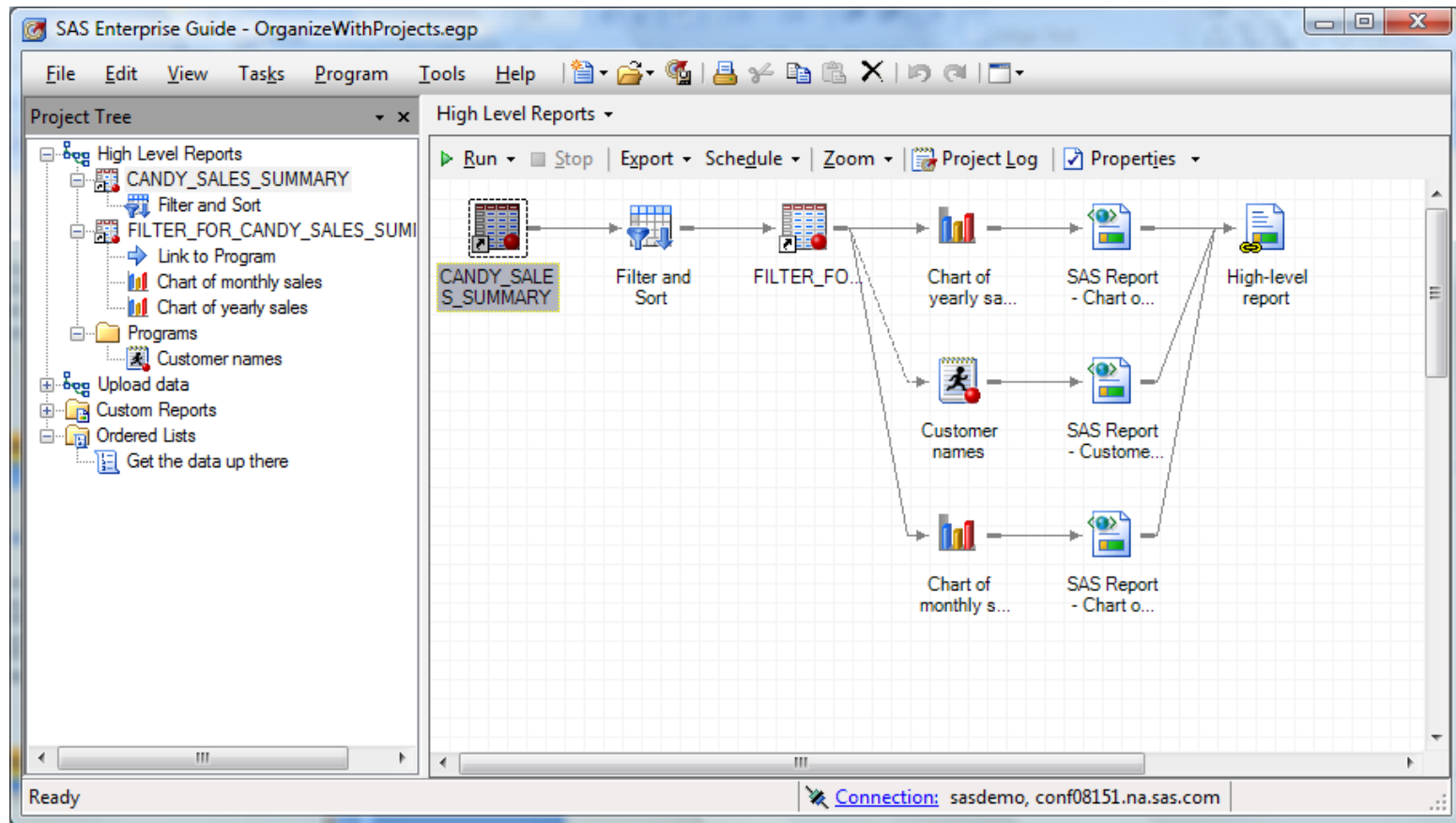


# Organize your work in projects

- Use projects to organize logical units of work
- Use the process flow to control order of execution
- Use the ordered list to run a specific collection of items
- Keep a record of everything in the project log

# Organize with projects

## Demo



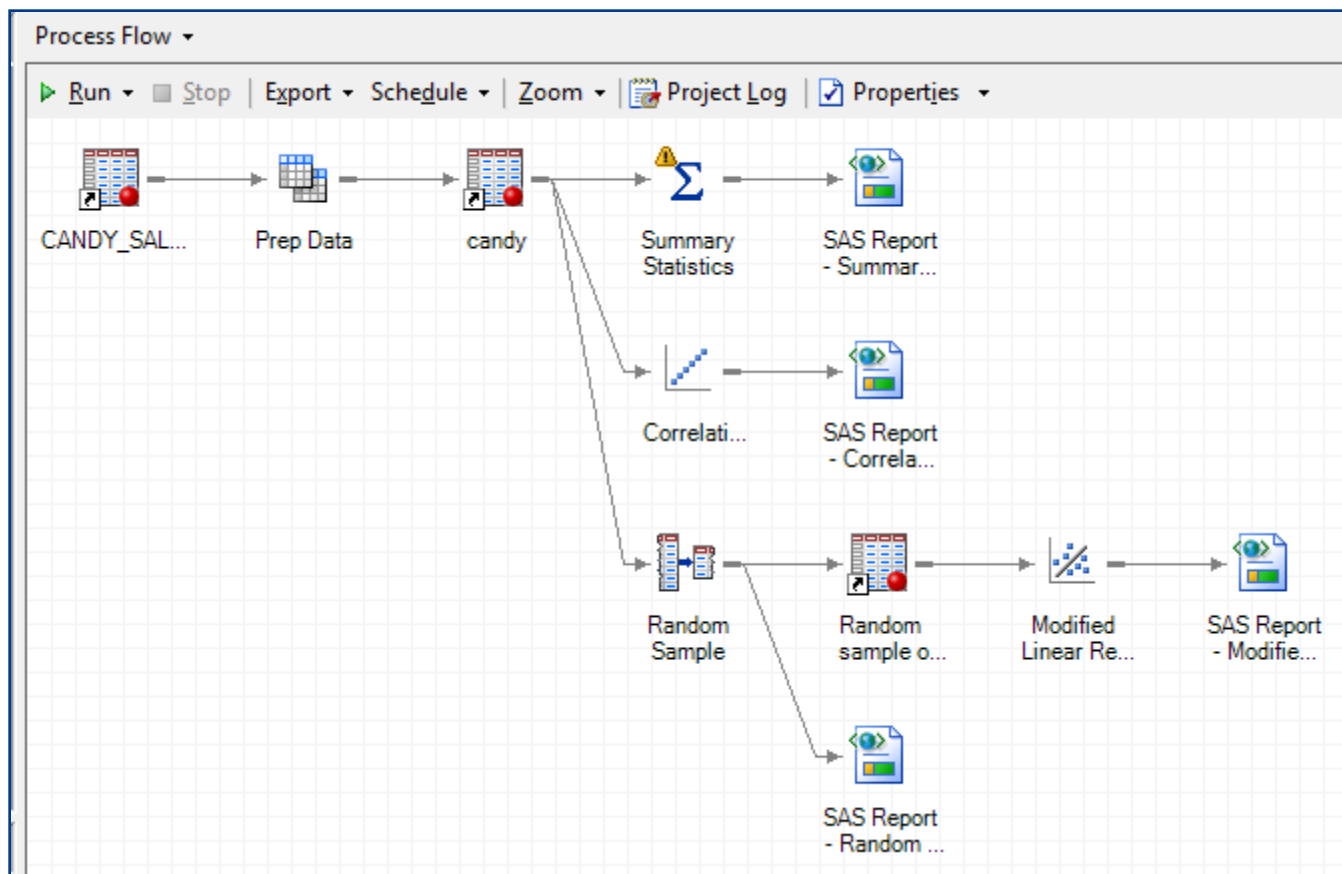
# Use tasks for the heavy lifting

- About 90 built-in tasks that write code for you
- Copy and modify generated code for your own use
- Insert your own code within the tasks
- Save your favorites with task templates



# Use built-in tasks

## Demo



# Get flexible with prompts

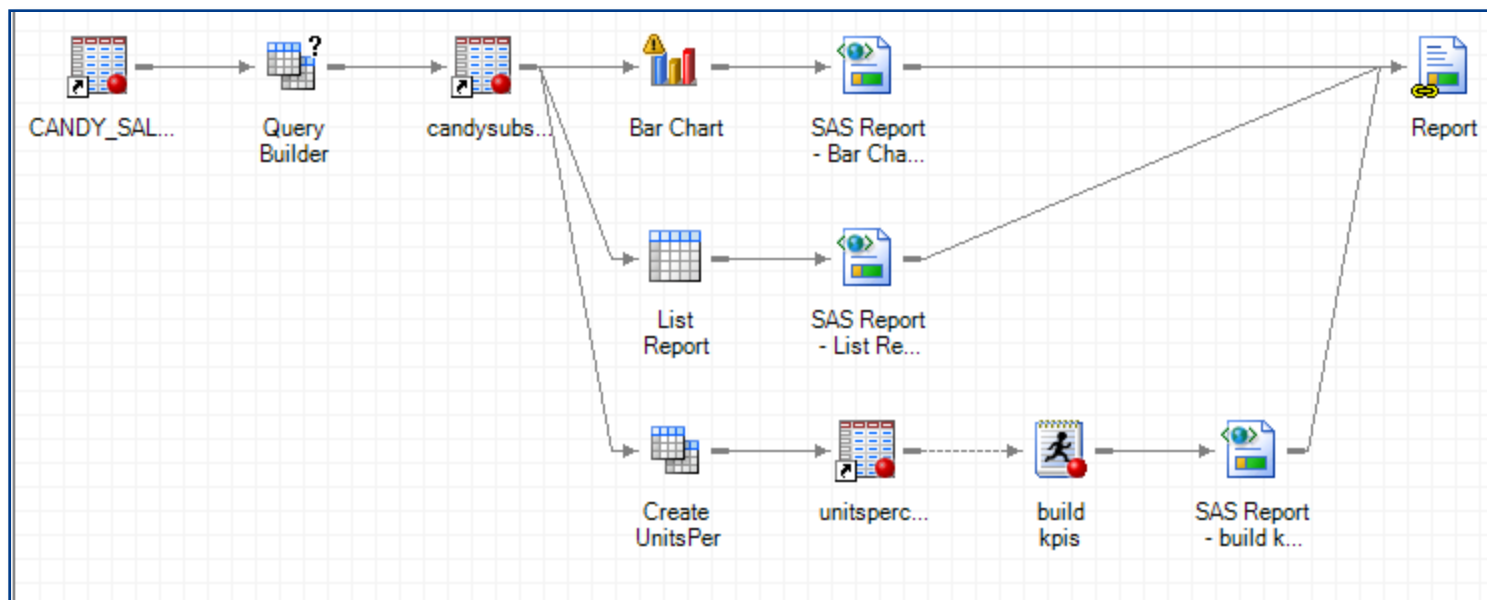
- Prompts within queries to generate different result sets
- Prompts within your programs
- Prompts are just like a macro variable

# Flex even more with conditions

- If-then-else logic for your process flow
- Use on queries, tasks, SAS programs
- Decide based on prompts, data values, date/time

# Using prompts and conditions

## Demo



# A few things that don't work...very well

- DDE is “D.O.A.”
- Ending with ENDSAS and ABORT ABEND
- SAS/AF and %WINDOW: nowhere to show

# Review

- Run your SAS programs and write new ones
- Organize with projects
- Use tasks to do some of your work
- Reuse your work with prompts and conditions
- Remember what doesn't work

# Where to learn more

- Product page on Support.sas.com
  - <http://support.sas.com/software/products/guide>
- SAS Enterprise Guide discussion forum
  - <http://support.sas.com/forums/forum.jspa?forumID=10>
- The SAS Dummy blog
  - <http://blogs.sas.com/sasdummy>