SAS Enterprise Guide

Old Proc – New Tricks?

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Objectives

- Define the relationship between SAS Enterprise Guide and SAS software.
- Review the capabilities and major features of SAS Enterprise Guide software.
- Demonstration.

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Introduction to SAS Enterprise Guide

- SAS Enterprise Guide software is an easy-to-use application that provides:
  - an intuitive visual interface
  - access to the power of SAS
  - transparent access to data
  - ready-to-use tasks for analysis and reporting
  - easy exporting of data and results to other applications
  - scripting and automation.

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“But I Spent Years Learning to Program and Don’t Trust GUI Wizards”

- You can use SAS Enterprise Guide to access the power of SAS without learning the SAS programming language.
  - Allows casual SAS users the ability to leverage the capabilities of SAS.
- If you are a SAS programmer, you can leverage SAS Enterprise Guide to generate common code or modify existing programs.
  - Under the hood EG uses SAS. It is a new tool, with some new tricks, but can be very familiar.

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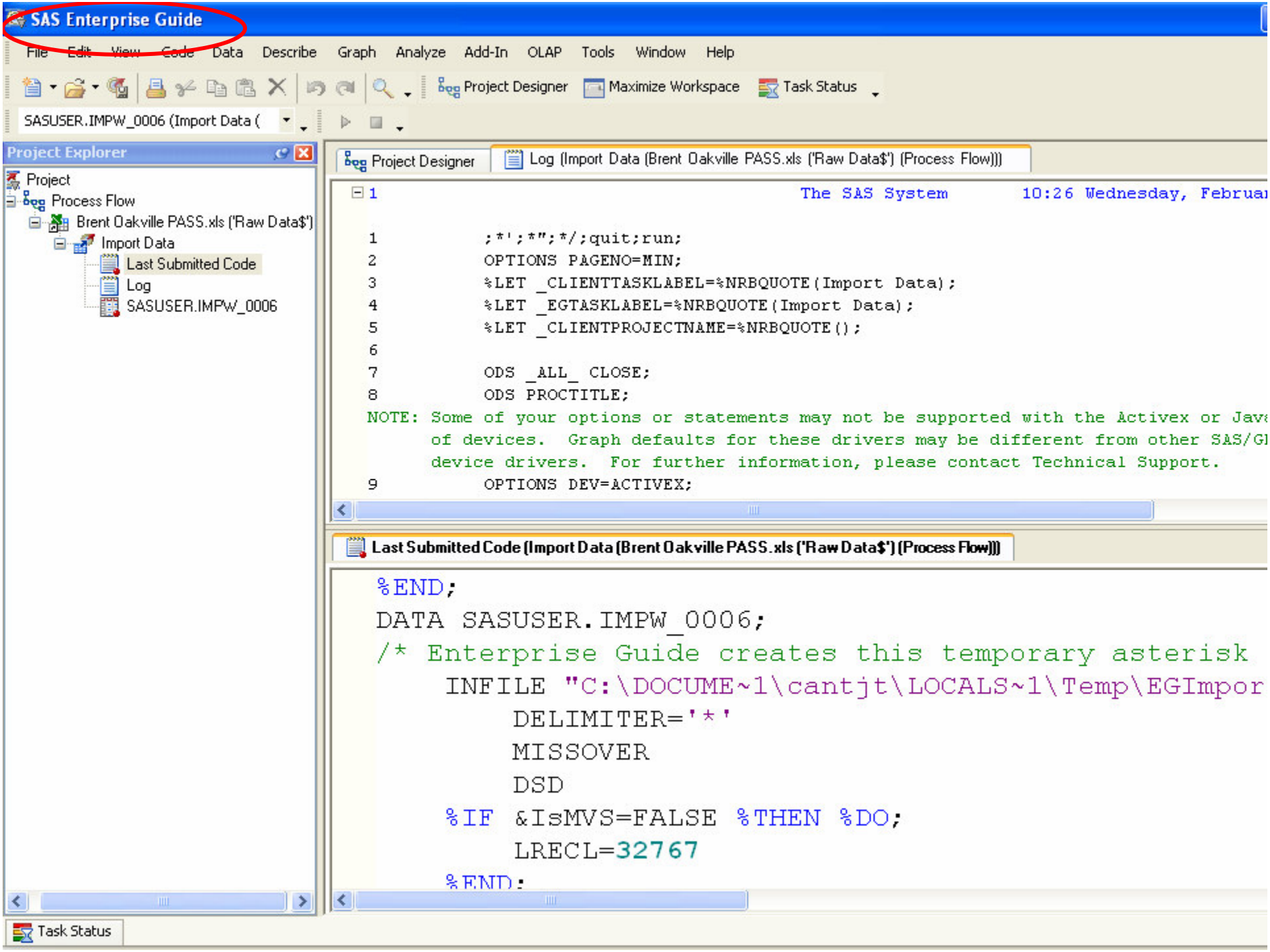
SAS Enterprise Guide
File Edit View Code Data Describe Graph Analyze Add-In OLAP Tools Window Help
Project Designer
Maximize Workspace
Task Status
SASUSER.IMPW_0006 (Import Data (
Project Explorer
Project
Process Flow
Brent Oakville PASS.xls ('Raw Data$')
Import Data
Last Submitted Code
Log
SASUSER.IMPW_0006
Project Designer
Log (Import Data (Brent Oakville PASS.xls ('Raw Data$') (Process Flow)))
1 The SAS System 10:26 Wednesday, Februa
1 ;*';*";*/;quit;run;
2 OPTIONS PAGENO=MIN;
3 %LET _CLIENTTASKLABEL=%NRBQUOTE(Import Data);
4 %LET _EGTASKLABEL=%NRBQUOTE(Import Data);
5 %LET _CLIENTPROJECTNAME=%NRBQUOTE();
6
7 ODS _ALL_ CLOSE;
8 ODS PROCTITLE;
NOTE: Some of your options or statements may not be supported with the Activex or Java
of devices. Graph defaults for these drivers may be different from other SAS/G
device drivers. For further information, please contact Technical Support.
9 OPTIONS DEV=ACTIVEX;
Last Submitted Code (Import Data (Brent Oakville PASS.xls ('Raw Data$') (Process Flow)))
%END;
DATA SASUSER.IMPW_0006;
/* Enterprise Guide creates this temporary asterisk
INFILE "C:\DOCUME~1\cantjt\LOCALS~1\Temp\EGImpor
DELIMITER='*'
MISSOVER
DSD
%IF &IsMVS=FALSE %THEN %DO;
LRECL=32767
%END;
Task Status

Behind the Scenes

- SAS Enterprise Guide can use the execution power of the server to access data and run SAS processes.

SAS Enterprise Guide

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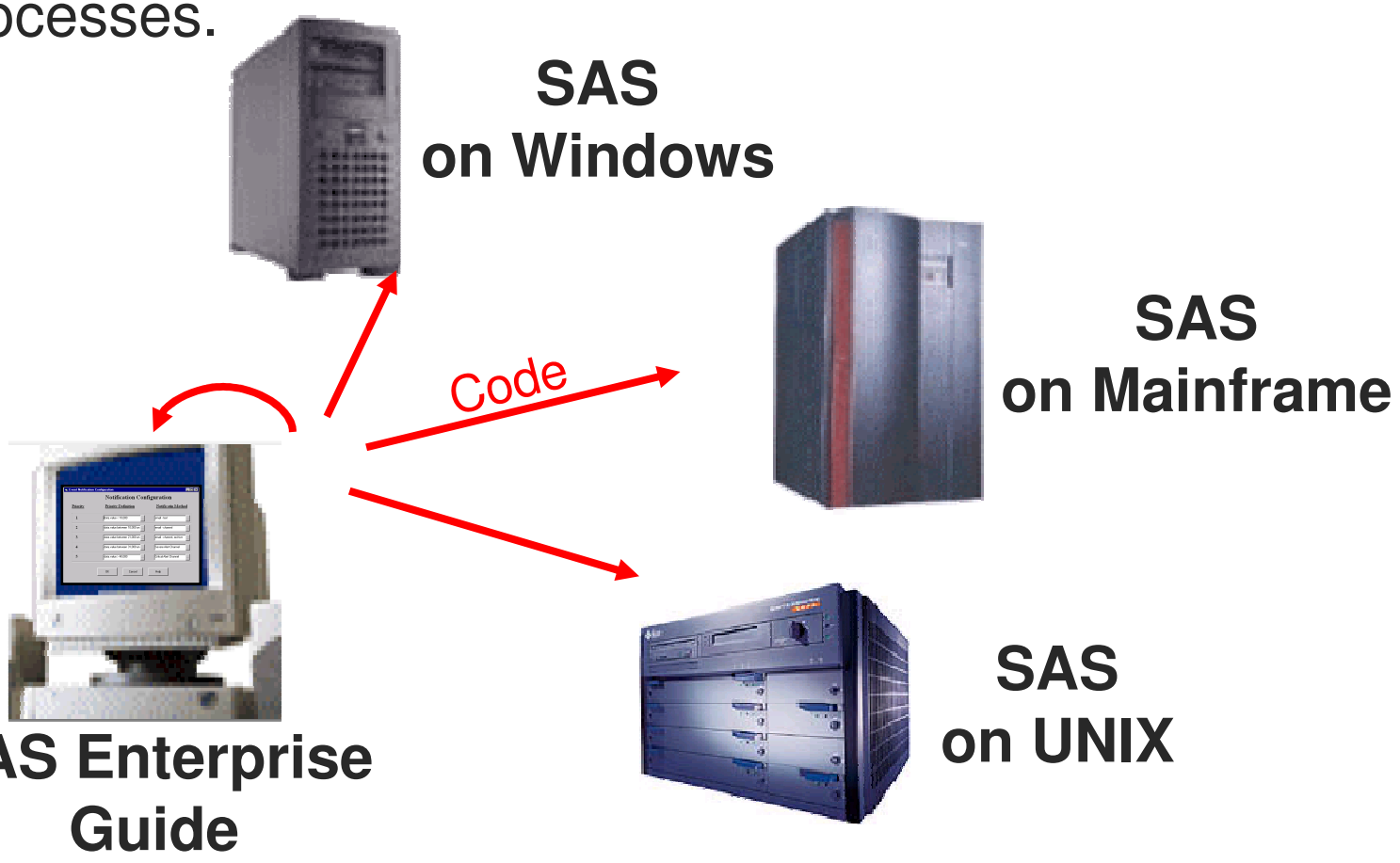

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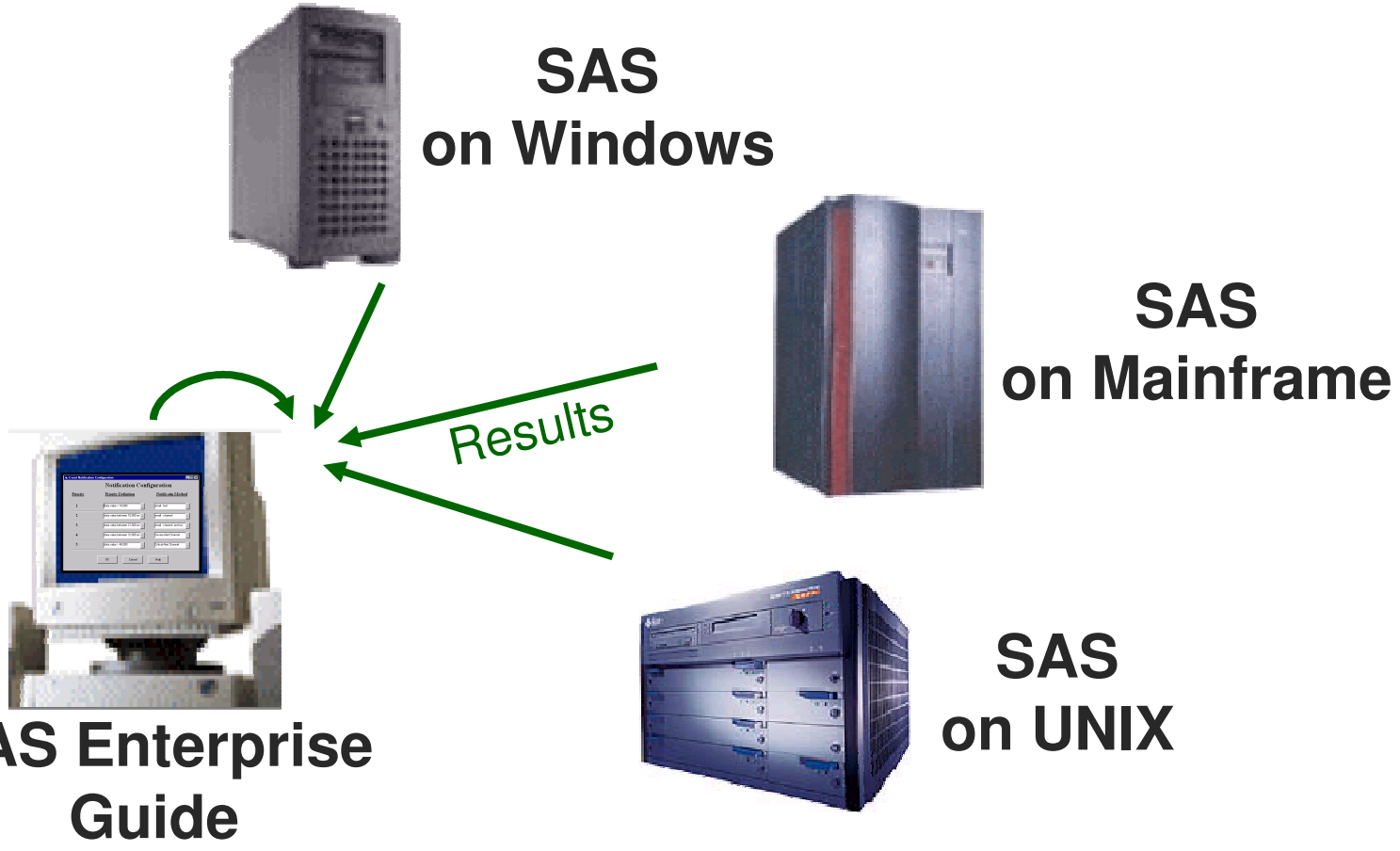
Behind the Scenes

- Then SAS Enterprise Guide returns the results to your client PC.



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Introduction to SAS Enterprise Guide

- Tasks represent commonly used procedures from
  - Base SAS
  - SAS/STAT
  - SAS/QC
  - SAS/ETS
  - SAS/GRAPH.
- Data step manipulation can be done through wizards (generates SQL), or through a general code editor.

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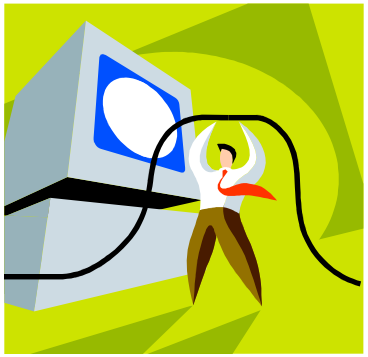

Demonstration

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