



Full Grid Development with Enterprise Guide (Data Preparation), Gsub (Batch) and Enterprise Miner (Modeling)

Mark Ezzo

VINCI SAS Administrator



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Overview:

- **Complete Project Development with:**
- **Enterprise Guide**
- **Gsub**
- **Enterprise Miner**
- **Please ask questions at any time**





Enterprise Guide Uses

- **Program Development and Testing**
- **Data Development and Interpolation**
- **Best used with smaller samples rather than production data**
- **Program Development**
- **Program Debugging**
- **Create Production Product for Gsub**
- **Live Demo**





GSUB USES:

- **Large Jobs**
- **Long Jobs (especially overnight)**
- **Production Quality Jobs**
- **Use with Linux access Products (Putty, MobaXterm and WinSCP)**
- **Produces Log and LST (output) Files**
- **Can run anything you do in EG (ODS reports, parallel jobs, etc.)**
- **Live Demo**



SAS Gsub Example

- Here is the command we will be using for batch processing on the Grid:
- **sasgsub -GRIDSUBMITPGM**
/data/prod/admin/VHASLCEZZOM/Programs/Program.sas
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- It breaks down as follows:
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- **sasgsub** is the command
- **-GRIDSUBMITPGM** is the option to submit a program
- **/data/prod/admin/VHASLCEZZOM/Programs/**is the directory where the program is located
- **Program.sas** is the program you wish to run
- **Live Demo!**



Enterprise Miner Uses

- **Analysis**
- **Model Creation**
- **Model Testing (Interpolation)**
- **Model Publishing**
- **Can be shared with Project Group**
- **THE Leading-Edge Tool**
- **Automatically Grid-Enabled**
- **Live Demo**





TIPS

- **SQL Pass-Through Queries**
- **SAS works faster and is more robust than SQL Server**
- **Ability to use SQL (Proc SQL) or SAS Data Steps and functions**
- **Work within the appropriate Venue (as stated previously)**
- **You can incorporate other technologies (i.e. R) within SAS (very desirable)**
- **SAS can create the data for other packages**



More Tips

- **Parallel processing can greatly reduce time in both ETL and Analysis.**
- **Far more storage in the Linux Grid than on Windows per project**
- **Standardized environment makes efforts simple and efficient**
- **Pre-prepared security and data via Metadata (always have your project enabled within Metadata)**



Good Gridding!

Thank you for attending.

Please contact VINCI SAS Administrators:

VINCI SAS Admins

VINCISASAdmins@va.gov

with any questions or comments.