Visual Analytics - Scheduling

Mark Bodt November 2015



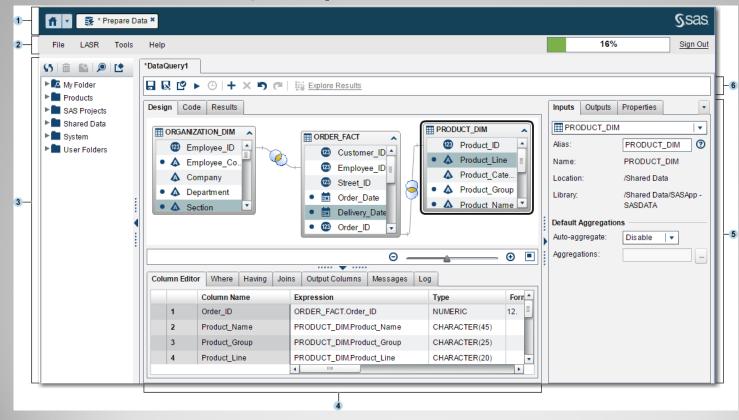
Agenda

- 1. What can you schedule in VA
- 2. Schedulers and their differences



What can you schedule in VA?

Visual Data Query





What can you schedule in VA?

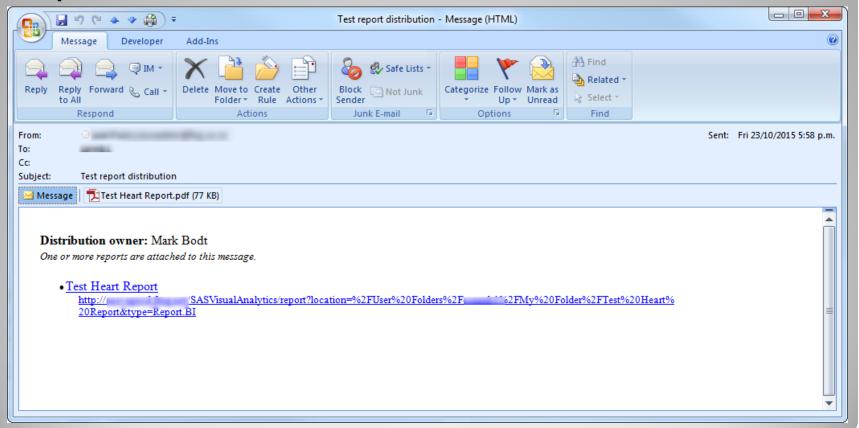
Report Distribution





What can you schedule in VA?

Report Distribution







Schedulers are used to run specified SAS related job flows at a specified time. Examples:

- Data Integration Studio (ETL) jobs for refreshing data warehouse tables
- Metadata server and SAS Deployment backups
- Web Report Studio Reports
 - Refreshing static reports
 - Distributing reports
- Visual Analytics Data Queries to refresh a LASR table
- Visual Analytics Report distribution



Terminology

Deployed Job:

- a .sas program
- that is located in a specified deployment directory
- and is registered in metadata.

```
filename seccodes url "&URL_SecurityCodes&letter..htm" DEBUG;

data Securities_&letter;

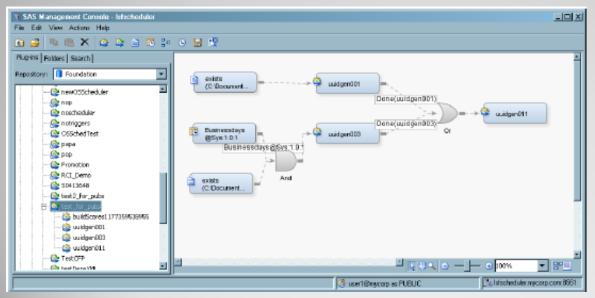
length Market $8 code $6 line $32767 lasttag tagpart $1000 type $12;

array tagparts(10) $1000;
```



Terminology

Flow: one or more jobs arranged in sequence and / or in parallel





- There are up to four schedulers available by default to the SAS Infrastructure and VA:
 - Operating System Services
 - SAS In-Process Services
 - SAS Distributed In-Process Services
 - Platform Computing LSF



Operating System Services:

- Windows: Windows Task Scheduler
- Linux: AT command

Can only do simple time based scheduling



SAS In-Process Services

- A SAS provided scheduler
 - Used by Web Report Studio
 - Deprecated



SAS Distributed In-Process Services

- A SAS provided scheduler
 - Time based events
 - File based events



Platform Computing (LSF and Process Manager)

- A SAS provided scheduler (with DI Server)
 - Time based events
 - File based events
 - Complex scheduling



Other Schedulers:

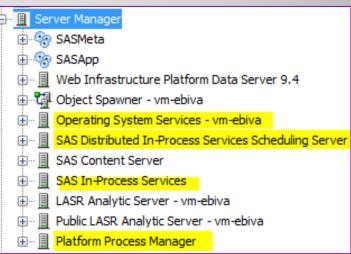
- Other third party schedulers can also be configured to work with the SAS Infrastructure
- Refer to the manual: Scheduling in SAS® 9.4



What's available at my site?

- Ask your administrator
- Look in the Server Manager Plug in SAS

Management Console





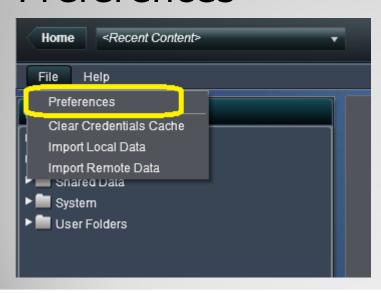
How to Schedule in Visual Analytics



Scheduling a Visual Data Query

Setting the default scheduler

In Visual Data Builder select File –
 Preferences



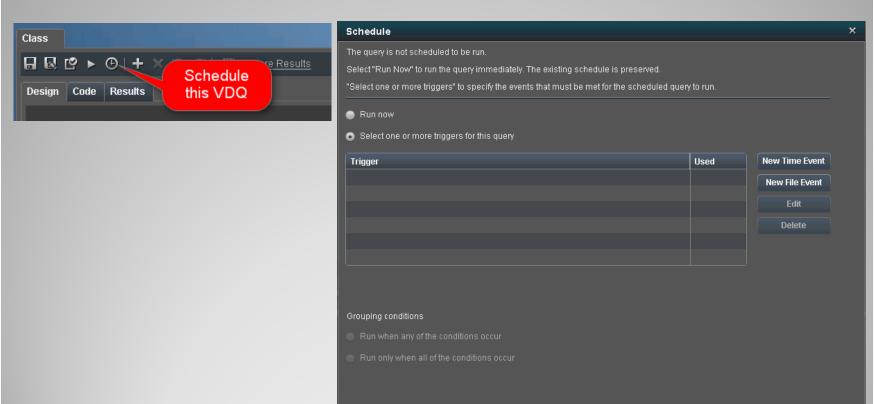


Scheduling a Visual Data Query Setting the default scheduler





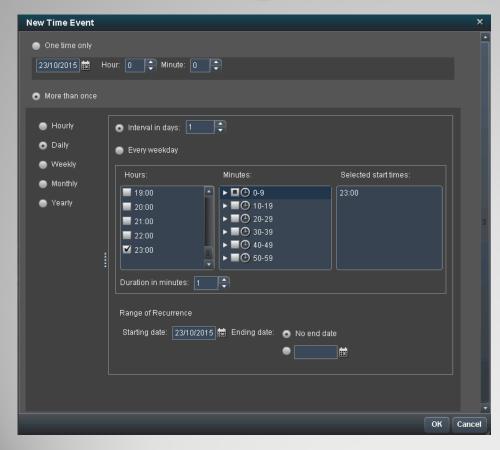
Scheduling a Visual Data Query





OK Cancel

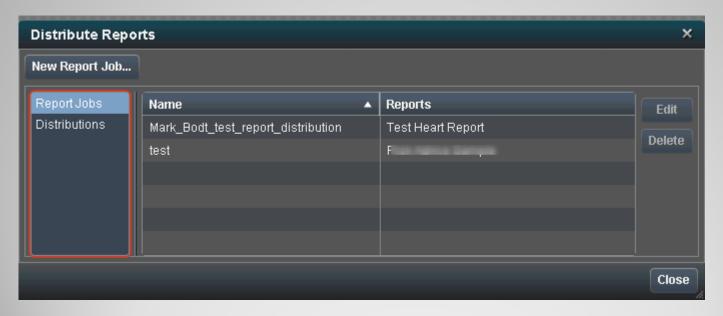
Scheduling a Visual Data Query





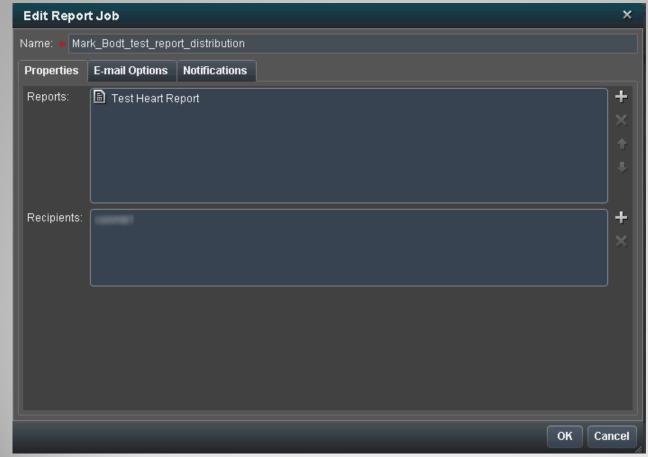
Scheduling a VA Report Distribution

- Pre-requisite: Users must have their email address registered in metadata
- In Report <u>Designer</u>: File Distribute Reports



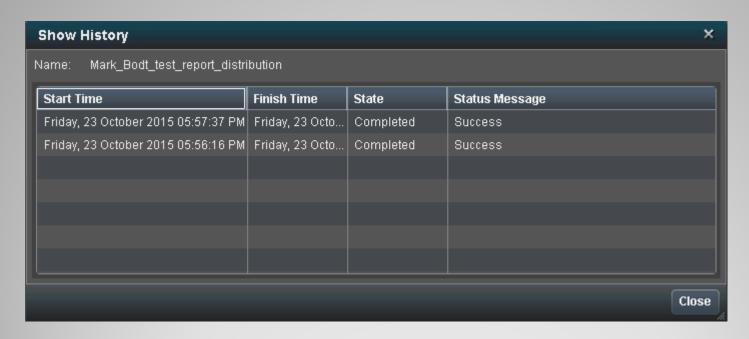


Scheduling a VA Report Distribution





Scheduling a VA Report Distribution



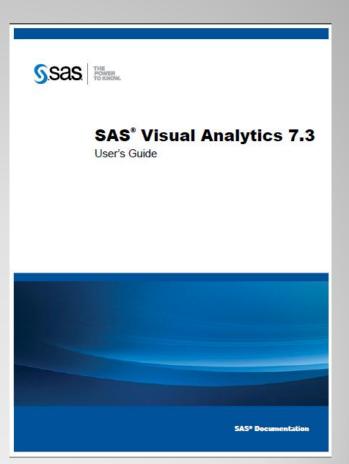


References:



Scheduling in SAS® 9.4







Questions?

