

SAS® DRUG DEVELOPMENT 4.1 – CLINICAL PROGRAMMING AND WORKFLOW

**MARK WEADON
MARK LAMBRECHT**



- Released Q2 2012
- New architecture
- Customer Input
- Major Enhancements and Additions
 - SAS Program Authoring and Execution
 - Workflow

- **store, aggregate and organize content and data**
- **develop, test and execute SAS programs** in a **web-based authoring environment** that encourages reuse and sharing of code
- **schedule, track and manage work** that enforce the company's standard development workflow processes
- **collaborate, share and distribute outcomes and insights**
- **audit and report on activity** and access within the repository for compliance and internal tracking purposes

DASHBOARD

My Messages			
Priority	From	Subject	Date Received
Medium	Demo Programmer	I uploaded the NICSAH001 DM data f...	Jun 7, 2012 10:46 AM
High	Laurie Rose	Please Take Survey!	Jun 6, 2012 11:19 AM
Low	Janet Stuelpner	Demonstration Best Practice	Jun 6, 2012 09:15 AM

Work Items					
Status	Name	Context	Owner	Modified By	Date Modified
	Create NICSAH...	QAGPhar...	Sharon Trevo	Sharon Trevo	Jun 7, 2012 10:41 AM
	CRO Data Drop	QAGPhar...	Sharon Trevo	Sharon Trevo	Jun 7, 2012 10:42 AM

Tasks							
Status	Name	Work Item	Context	Due Date	Assigned To	Priority	Complexity
	Dev	Create NICS...	QAGPhar...		Sharon Trevo	Medium	Medium

SAS Sessions							
State	Session	Most Recent S...	Started	Ended	Type	User	
	54	AE Reports.job...	Jun 5, 2012 12:...	Jun 5, 2012 12:...	BATCH_PUBLI...	Sharon Trevo	
	53	AE Reports.job...	Jun 5, 2012 11:...	Jun 5, 2012 11:...	BATCH_PUBLI...	Sharon Trevo	
	21	DM_LISTING_I...	Apr 24, 2012 1...	Apr 24, 2012 1...	Batch	Sharon Trevo	
	20	DM_LISTING_I...	Apr 24, 2012 1...	Apr 24, 2012 1...	Batch	Sharon Trevo	
	19	DM_LISTING_I...	Apr 24, 2012 1...	Apr 24, 2012 1...	Batch	Sharon Trevo	
	18	DM_LISTING_I...	Apr 24, 2012 1...	Apr 24, 2012 1...	Batch	Sharon Trevo	
	17	DM_LISTING_I...	Apr 24, 2012 0...	Apr 24, 2012 0...	Batch	Sharon Trevo	
	15	DM_LISTING_I...	Apr 24, 2012 0...	Apr 24, 2012 0...	Batch	Sharon Trevo	
	14	DM_LISTING_I...	Apr 24, 2012 0...	Apr 24, 2012 0...	Batch	Sharon Trevo	
	27	DS Reports.job...	Apr 26, 2012 1...	Apr 26, 2012 1...	Batch	Sharon Trevo	
	26	DS Reports.job...	Apr 26, 2012 1...	Apr 26, 2012 1...	Batch	Sharon Trevo	

REPOSITORY

 /QAGPharma/Nicardipine/NICSAH_Study_001/Files/SDTM Data/dm.sas7bdat

[illegible]

SAS SESSION EDITOR



DM_LISTING.sas (1.5) [read-only]

```
1  /*****
2  * Demography Listing
3  * Author:  John Shipway, SAS Institute
4  * Date:   December 10, 2007
5  * Description:
6  * To do:
7  *       Do we need to incorporate dose (EX)?
8  *       Which time do we use (DS or AE) are they the same?
9  *****/
10
11
12  options nofmterr nosymbolgen;
13
14  libname SDTM "&_sasws_/QAGPharma/Nicardipine/NICSAH_Study_001/Files/SDTM Data";
15
16  ODS LISTING close;
17  ODS PDF file="&_sasws_/QAGPharma/Nicardipine/NICSAH_Study_001/Files/Reports/DM_LISTING.pdf";
18  ODS HTML file="&_sasws_/QAGPharma/Nicardipine/NICSAH_Study_001/Files/Reports/DM_LISTING.html";
19  ODS RTF file="&_sasws_/QAGPharma/Nicardipine/NICSAH_Study_001/Files/Reports/DM_LISTING.rtf";
20
21  data dm;
22      set SDTM.dm;
23  run;
24
```

REAL-TIME LOG AND LISTING

Dashboard x Repository x Workspace x AE Reports (8.0) x



```
128 NOTE: There were 6471 observations read from the data set SDTM.AE.
129 NOTE: The data set WORK.AE has 6491 observations and 40 variables.
130 NOTE: DATA statement used (Total process time):
131     real time           0.23 seconds
132     cpu time            0.13 seconds
133
134
135 61
136 62     *****Step 2*****;
137 63     * Summarize population counts by treatment;
138 64     proc summary data=pop nway;
139 65         class ARM;
140 66         output out=nsbj(drop=_type_ rename=(freq=nsbj));
141 67     run;
142
143 NOTE: There were 902 observations read from the data set WORK.POP.
144 NOTE: The data set WORK.NSUBJ has 2 observations and 2 variables.
145 NOTE: PROCEDURE SUMMARY used (Total process time):
146     real time           0.01 seconds
147     cpu time            0.00 seconds
148
```

SESSION MANAGER

SAS Sessions



State	Session	Most Recent Submission	Started	Ended	Type	User
✓	54	AE Reports.job - AE_NO_DEATH..	Jun 5, 2012 12:00 PM	Jun 5, 2012 12:00 PM	BATCH_PUBLISHED	Sharon Trevoy
✓	53	AE Reports.job - AE_LISTING.sa...	Jun 5, 2012 11:59 AM	Jun 5, 2012 11:59 AM	BATCH_PUBLISHED	Sharon Trevoy
✓	21	DM_LISTING_InputTitle.job - DM...	Apr 24, 2012 11:01 AM	Apr 24, 2012 11:01 AM	Batch	Sharon Trevoy
✓	20	DM_LISTING_InputTitle.job - DM...	Apr 24, 2012 10:54 AM	Apr 24, 2012 10:54 AM	Batch	Sharon Trevoy
✓	19	DM_LISTING_InputTitle.job - DM...	Apr 24, 2012 10:19 AM	Apr 24, 2012 10:19 AM	Batch	Sharon Trevoy
✓	18	DM_LISTING_InputTitle.job - DM...	Apr 24, 2012 10:17 AM	Apr 24, 2012 10:17 AM	Batch	Sharon Trevoy
✓	17	DM_LISTING_InputTitle.job - DM...	Apr 24, 2012 09:53 AM	Apr 24, 2012 09:53 AM	Batch	Sharon Trevoy
✓	15	DM_LISTING_InputTitle.job - DM...	Apr 24, 2012 09:49 AM	Apr 24, 2012 09:49 AM	Batch	Sharon Trevoy
✓	14	DM_LISTING_InputTitle.job - DM...	Apr 24, 2012 09:48 AM	Apr 24, 2012 09:48 AM	Batch	Sharon Trevoy
✓	27	DS Reports.job - DS_MORTALIT...	Apr 26, 2012 12:29 PM	Apr 26, 2012 12:30 PM	Batch	Sharon Trevoy
✓	26	DS Reports.job - DS_MORTALIT...	Apr 26, 2012 12:28 PM	Apr 26, 2012 12:28 PM	Batch	Sharon Trevoy
✓	25	DS Reports.job - DS_MORTALIT...	Apr 26, 2012 12:25 PM	Apr 26, 2012 12:25 PM	Batch	Sharon Trevoy
✓	24	AE Reports.job - AE_TOTALS.sa...	Apr 26, 2012 11:59 AM	Apr 26, 2012 11:59 AM	Batch	Sharon Trevoy
✓	23	AE Reports.job - AE_TOTALS.sa...	Apr 26, 2012 11:24 AM	Apr 26, 2012 11:24 AM	BATCH_PUBLISHED	Sharon Trevoy
✓	22	AE Reports.job - AE_TOTALS.sa...	Apr 26, 2012 11:19 AM	Apr 26, 2012 11:19 AM	BATCH_PUBLISHED	Sharon Trevoy
✓	36	DM Reports.job - DM_PATIENT_...	May 27, 2012 06:48 PM	May 27, 2012 06:48 PM	Batch	Sharon Trevoy
✓	35	DS Reports.job - DS_MORTALIT...	May 27, 2012 06:47 PM	May 27, 2012 06:47 PM	Batch	Sharon Trevoy
✓	34	DM Reports.job - DM_PATIENT_...	May 27, 2012 06:46 PM	May 27, 2012 06:46 PM	Batch	Sharon Trevoy
✓	33	DS Reports.job - DS_MORTALIT...	May 27, 2012 06:45 PM	May 27, 2012 06:45 PM	Batch	Sharon Trevoy
✓	32	DM Reports.job - DM_PATIENT_...	May 27, 2012 06:45 PM	May 27, 2012 06:45 PM	Batch	Sharon Trevoy
✓	31	AE Reports.job - AE_TOTALS.sa...	May 27, 2012 06:45 PM	May 27, 2012 06:45 PM	Batch	Sharon Trevoy

QUESTIONS?



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