# Exercise 4 - More about using SAS from JMP

JMP can integrate with SAS quite easily, allowing:

* SAS code to be run, with results returned to JMP
* Stored Processes to be run

1. SAS programming
   1. File/SAS/New SAS program - try each of these programs. You can make several new programs and have them all open at the same time.  
      1. Programs that produce data

data silly ;

set sashelp.class sashelp.shoes ;

run ;

proc summary data=sashelp.class ;

class sex ;

var age ;

output out=class\_summary mean= ;

run ;

* + 1. Programs that produce ODS output

proc freq data=sashelp.shoes ;

run ;

* + 1. Programs producing tables and ODS output

proc univariate data=sashelp.class  
 outtable=univariate\_stats ;

run ;

* 1. Submit to SAS
  2. Open SAS LOG
  3. Open SAS Output

1. File/SAS/Browse SAS folders
   1. Import a table defined in metadata. Look through metadata and find one, then import it.
   2. Run a stored process or stored process report, by looking through metadata for a stored process to run.