

SAS, Know how

Presented by Real Numbers Australia

4th December 2014

Thursday, 4 December 2014

Introducing: JMP®



History

JMP has been a part of SAS since the first version of JMP statistical discovery software was launched in 1989, bringing interactive data visualization and analysis to the desktop.

JMP is a business unit of SAS that produces interactive software for desktop statistical discovery.

Pronounced “jump,” its name suggests a leap in interactivity, a move in a new direction. John Sall, SAS co-founder and Executive Vice President, created this dynamic software and remains its chief architect and leader of the JMP division.

Why ?

Good Question

- 1) It runs on the Mac or Windows
- 2) It connects to all versions of SAS
- 3) You can download a trial & try it
- 4) It has fantastic ad hoc analysis capabilities
- 5) Or I can just write SAS code the old fashioned way

JMP 11

Explore These New Features in JMP® 11



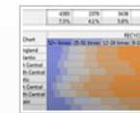
Definitive Screening Designs



Excel Import Wizard



Transform Variables



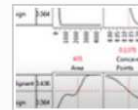
Consumer and Market Research



Response Screening



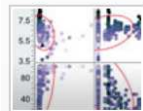
Street-Level Maps



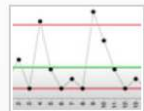
Assess Variable Importance



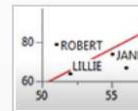
Smarter Filtering and Summaries



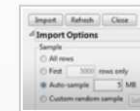
Save Interactive HTML Reports with Data



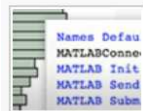
Build Attribute and Rare Event Charts



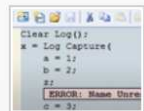
Crisper, Cleaner Design



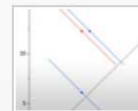
Import Sampling for SAS® Data Sets and Text Files



MATLAB Integration



JSL Development Environment



Multiple Comparisons Made Easy



JMP® 11 New Features Overview

Download & Install

TRY JMP®

We could list all the ways JMP helps you see and understand your data. Or we could simply let you try it for yourself. Request a free 30-day trial and see how JMP makes it fun to get real work done.

SELECT A PRODUCT TO SEE YOUR TRIAL OPTIONS.

JMP

JMP links dynamic data visualization with powerful statistics, in memory and on the desktop. It is the original statistical discovery software from SAS.

We offer 3 ways to start experiencing the power of JMP:

Option 1 **DOWNLOAD IT NOW**

Can't wait to get your hands on JMP? Simply create a SAS profile and begin 30 free days of dynamic statistical discovery with JMP.

[▶ START YOUR TRIAL NOW](#)

Option 2 **SPEAK WITH A JMP REPRESENTATIVE NOW**

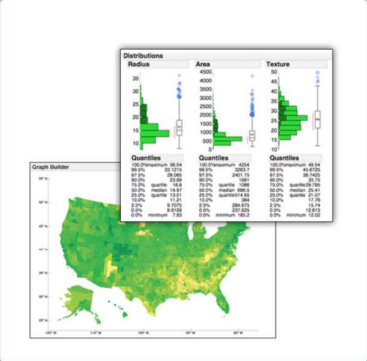
When you're successful, we're successful. Let us help you have an effective evaluation. Call **877.594.6567** (toll free in the U.S.) to discuss a plan for a successful software trial.

Option 3 **GET A MULTI-USER PERSPECTIVE**

Discovery is more fun when it's made with a friend. So we make it easy for multiple users to evaluate JMP at the same time. Find out how by calling **877.594.6567** (toll free in the U.S.) or complete this form and a JMP representative will contact you:

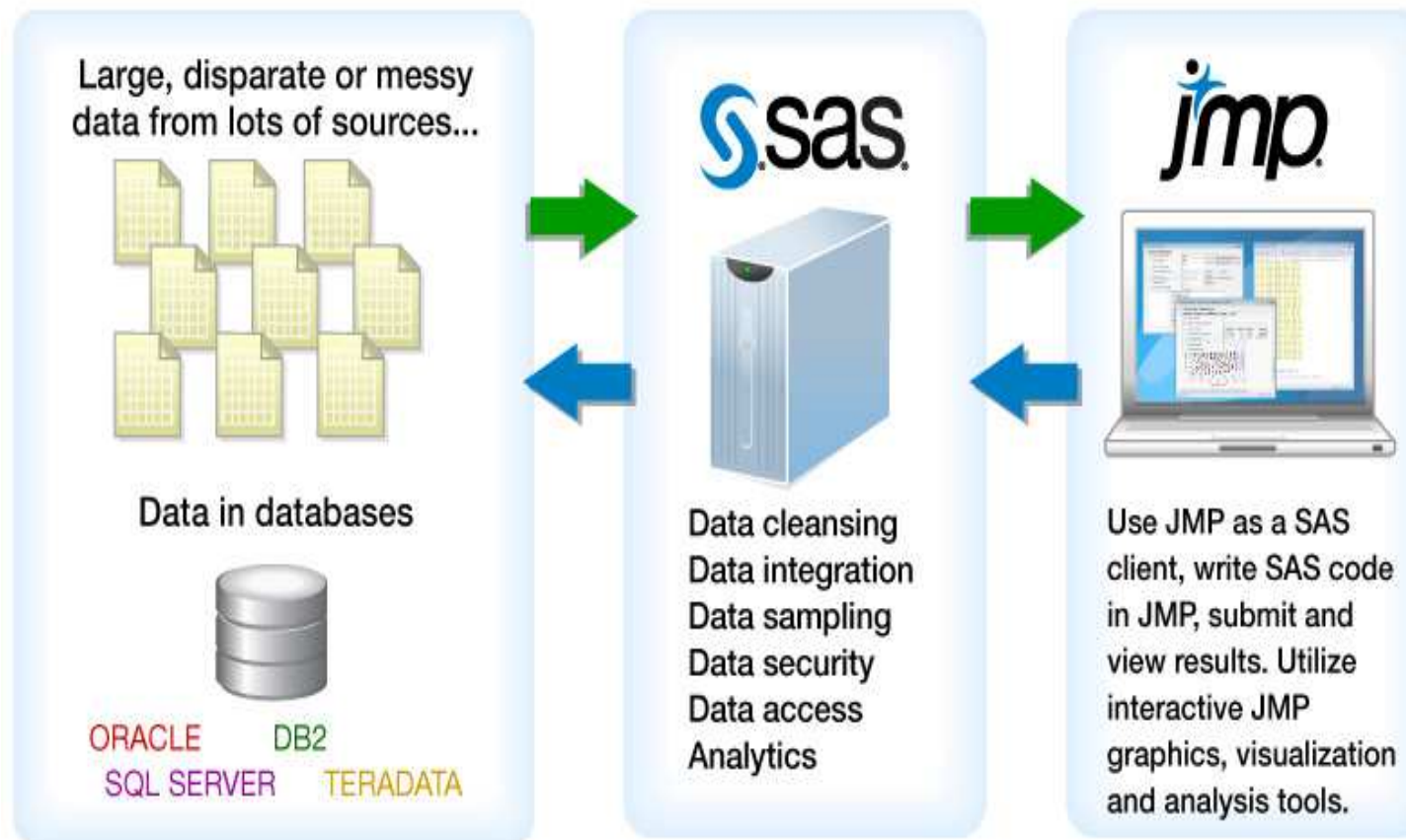
Inside the U.S. - [▶ CONTACT ME](#)

Outside the U.S. - [▶ CONTACT ME](#)

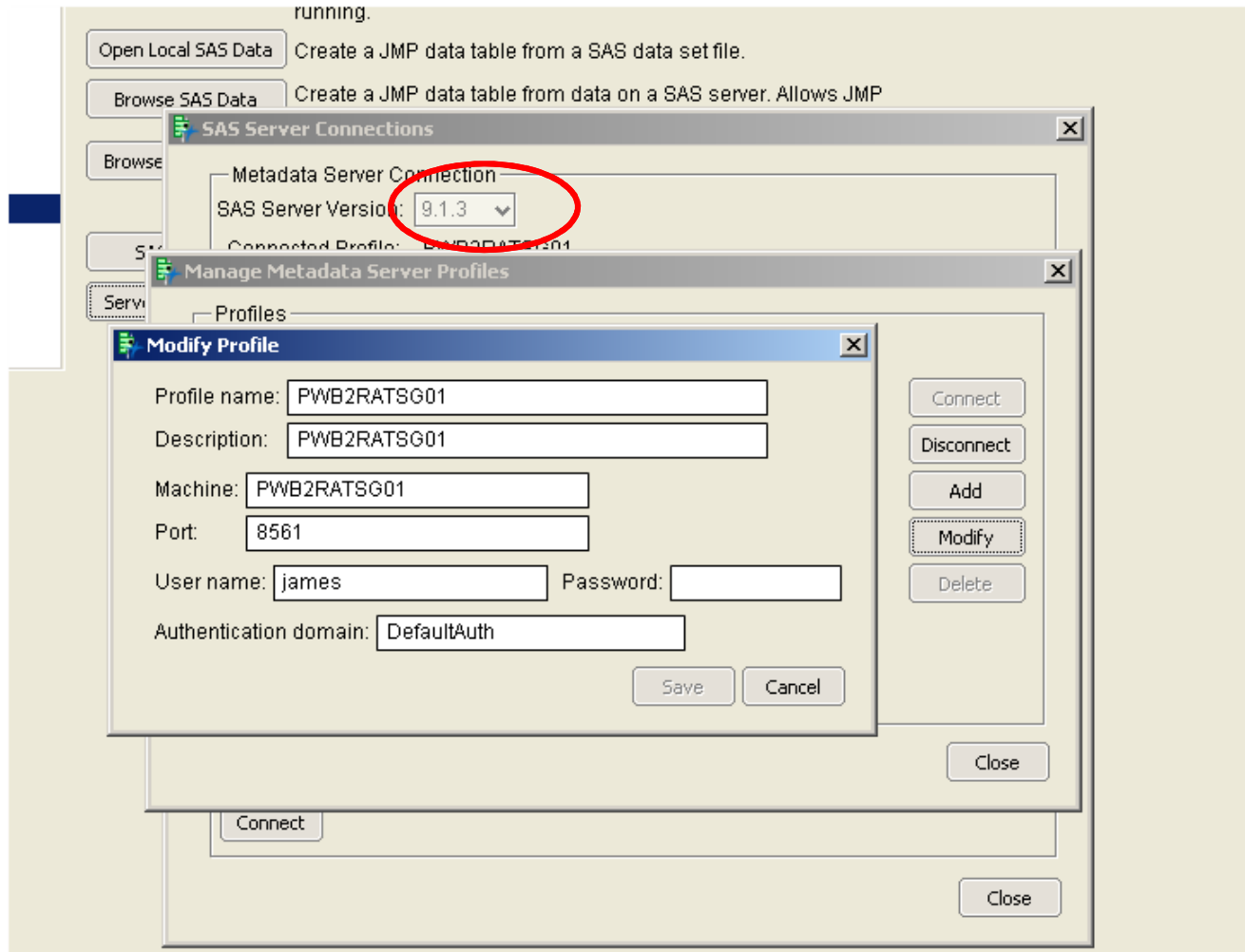


The screenshot shows the JMP software interface. At the top, there's a header 'SELECT A PRODUCT TO SEE YOUR TRIAL OPTIONS.' with a dropdown menu set to 'JMP'. Below this, the main content area is divided into two columns. The left column contains text describing JMP and three options to start a trial. The right column features a visualization of data, including a 'Distributions' window with three histograms (Radius, Area, Texture) and a 'Graph Builder' window showing a map of the United States with a color-coded overlay.

Connect to SAS Data



Connect to SAS



Write & Submit SAS Code

- **/* List libname paths */**

```
libname _all_ list;
```

- **/* List tables in a library */**

```
proc contents data=sashelp._all_ nodetails;
```

```
run;
```

- **/* Concatenate libraries */**

```
libname library (work, sasuser);
```

Write & Submit SAS Code

- */* Simple format */*

```
proc format library=library;  
value $gender 'M'='Male' 'F'='Female' other='Unspecified';  
run;
```

- */* List formats in a catalog */*

```
proc catalog cat=library.formats;  
    contents;  
run;
```

- */* Print format */*

```
proc format fmtlib;  
    select $gender;  
run;
```

Thankyou ...

- Any questions?