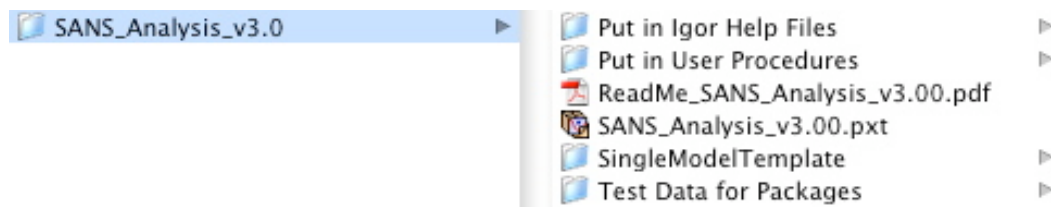


SANS Analysis Macro Installation

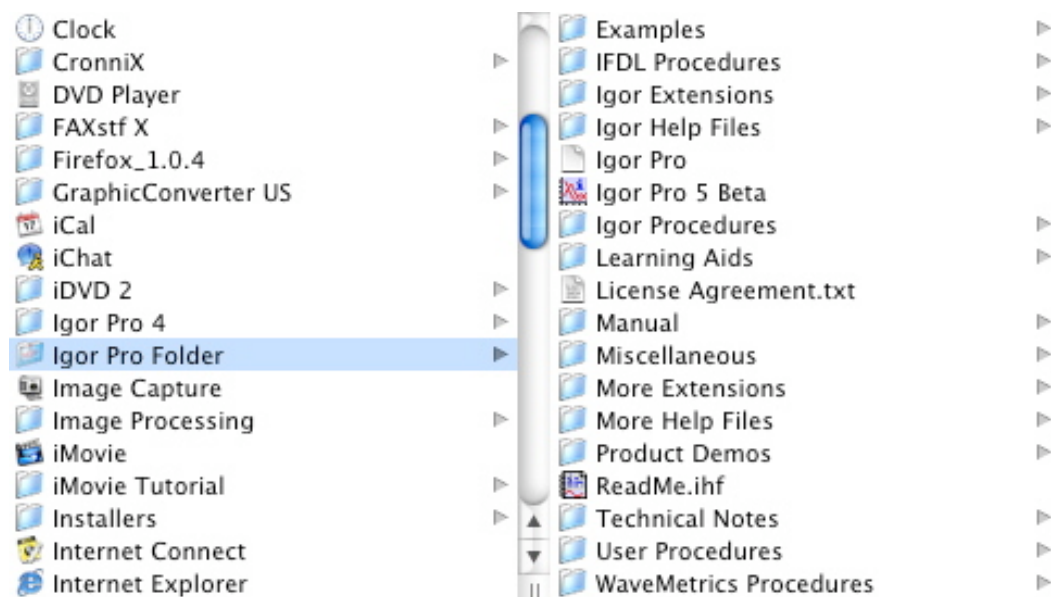
8/2006 Version 3.00

Installation Instructions

1. Unpack the downloaded file if your browser has not already done so. You will have a folder containing several items. The experiments and procedures contained here supersede previous versions of the SANS analysis macros.



2. Quit IGOR, if it is open. Navigate to your Igor Pro application folder, and look for the appropriate sub-folders:



3. From the "Put in User Procedures" folder, find the folder of procedure files "SANS_Models_v3.00". Place this entire folder in the "User Procedures" folder that is located in the IGOR Pro application folder. If you have any older version of the SANS Analysis macros (version A or B), you must delete (trash) the old folder of procedures. Be sure to empty the trash.

4. From the "Put in IGOR Help Files" folder, find the two help files "SANS_Analysis_Docs_v3.00.ihf" and "SANS_Model_Docs_v3.00.ihf" and move them to the "IGOR Help Files" folder, also located in the IGOR Pro folder. If there is an older SANSAnalysis help file present, delete it. It is an old version. You may be prompted to compile the new help file the next time IGOR is launched, but this is a one-time operation. The Analysis Docs contains a short tutorial and instructions for using each of the analysis modules. The Model Docs contains a description of each of the available model functions. A "must read" if you really care about what you're doing.

5. The packed experiment template ("[SANS_Analysis_v3.00.pxt](#)" file) can be placed anywhere.
6. The folder with the Single Model Template can be placed anywhere. It contains instructions and a template to make it very easy to write your own fitting function in Igor. All you need is the equations and a tiny bit of programming.

Usage

Installation and usage of the macros is identical for users with either the Full version or Demo version of IGOR. To start a SANS Analysis session, simply open the experiment template. The necessary data analysis procedures will automatically be loaded, compiled, and initialized. To save your work, you will be forced to use "Save As...", keeping the template undisturbed. Read the help file and the Model Documentation for details on what is calculated in each model, and how to use them appropriately.

Getting Help

The help file can be viewed by opening it from Igor's "Windows" menu: Windows -> Help Windows, or by using the help buttons on the main model picker panel. Working through the tutorials using the sample data set is the best way to learn the basics of fitting a model to SANS data.

14 AUG 2006 SRK