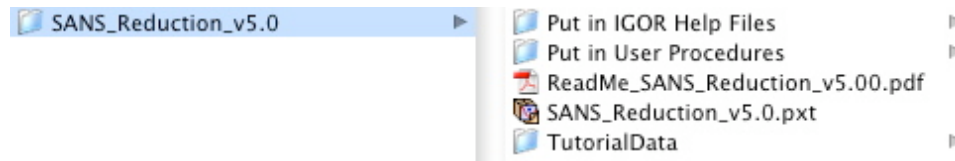


SANS Reduction Macro Installation

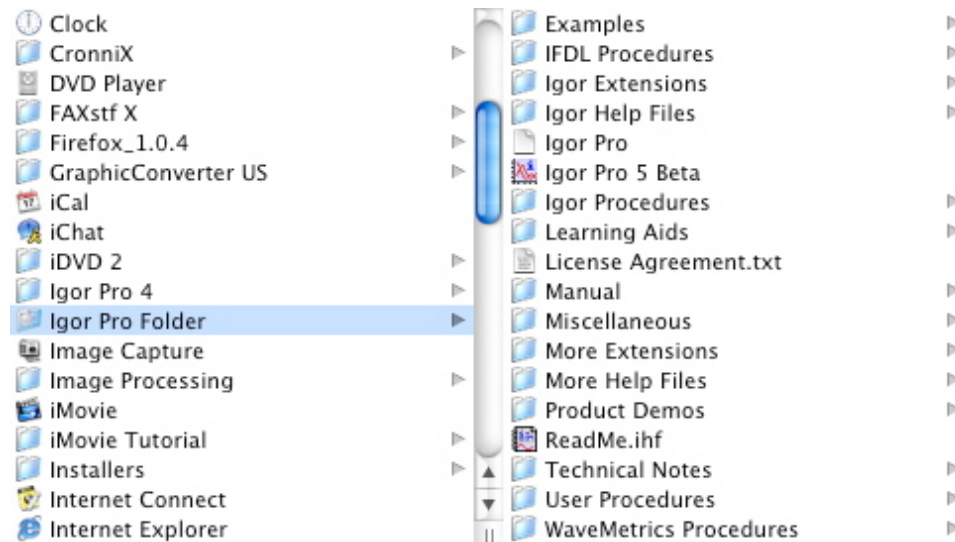
8/2006 Version 5.0
updated 8/06

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 SANS reduction macros. Two items must be placed within the Igor Application folder for the macros to work properly:
- A help file (v5) in the "Put in IGOR Help Files" folder and a folder of procedures (v.5) in the "Put in User Procedures" folder.



2. Quit IGOR, if it is open. Navigate to your Igor Pro application folder, which contains the following folders:



3. From the "Put in User Procedures" folder that you downloaded, there is one folder of procedures: "SANS_Reduction_v500". Place this folder in the "User Procedures" folder that is located in the IGOR Pro application folder. **NOTE:** If the User Procedures folder contains any older versions of the SANS Reduction macros, or if there are "SANS RealTime" or "SANS Redn Demo" folders present there, you must delete these old folder(s) of procedures. Be sure to empty the trash. You should have only a single folder of SANS Reduction procedures in the User Procedures folder.
4. From the "Put in IGOR Help Files" folder, find the help file "SANS_Reduction_Help_v5.ihf" and move it to the "IGOR Help Files" folder, also located in the IGOR Pro folder. If there is a help file "SANSReductionHelp_4.ihf" 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.
5. The packed experiment template [SANS_Reduction_v5.0.pxt](#) can be placed anywhere.
6. The folder of tutorial data can also be placed anywhere. This data is the same data as shown in the help files and is to be used as a step-by-step tutorial of the basic functions of data reduction.

Usage

Usage of the macros is identical for users with either the Full version or Demo version of IGOR. The only difference is that some non-essential features are disabled in the demo version. To start a SANS Reduction session, simply open the experiment template. In either case, the necessary data reduction procedures will automatically be loaded, compiled, and initialized. To save your work, you will be forced to use "Save As...", keeping the template undisturbed. Note that the Demo users will not be able to save the experiment, but the reduced data will be saved.

Getting Help

From within a SANS_Reduction experiment, the help file can be viewed either by selecting "SANS Help" from the SANS Menu, or the "Help" button on the Data Reduction control panel. Working through the reduction of the tutorial data set is the best way to learn the basics.

August 2006