

# Transfer and Installation of MacNUTS 1D Software

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## Availability

The Chemistry Department has obtained a site license for NUTS 1D (full version) software. The program is available to all Chemistry Department members and CIC NMR Facility users on a no-cost basis for use on their PCs at work and/or at home. Student, staff or faculty members that leave the University should delete their copy of NUTS.

The facility has two licenses for the NUTS 2D Pro software. These copies are installed on computers Drazi and Zathras in room 2223, and are not available for distribution.

## Obtaining Copies

Charlie Fry or a TA will provide—via e-mail or onto diskette—the license file for NUTS 1D, **license.nmr**, a file **sam.sea** (self-extracting Stuff-It archive file) which is required to read the license file, and a password. The license file will enable the full features of the software; see the instructions below. We will also provide a copy of the **nuts.ini** file to configure the program similarly to the PCs within the facility. The most recent version of the NUTS 1D program for Mac can be downloaded from the Acorn NMR website at <http://www.acornnmr.com/customers.htm>.

## Installation Instructions for Macintosh PCs

1. Place the downloaded copy of NUTS (**MacNUTS%20Installer\_sea.bin**, for version 19991028) and the HTML help (**NUTSHelp\_HTML\_sea.bin.htm**) into any directory.
2. The password is required to run the installation file **MacNUTS%20Installer\_sea.bin**. Specify the directory into which NUTS should be installed.
3. Follow the prompts for installing NUTS. Note in particular the location of the NUTS installation.
4. *Note: the following files must be copied into the appropriate folders after installing NUTS.* Move the **nuts.ini** and **license.nmr** files into the NUTS installation folder. Double-click the **sam.sea** file to unstuff it, and move the **sam.dll** to the macnuts folder that has the NUTS executable. Don't let the mac put a "resource fork" on it.
5. Edit the **nuts.ini** file as needed; see in particular the parameters **DATADIR** and **IMPORTDIR**, which must be commented out for the Mac; see also the comments related to **CALCTYPE**.  
*Note:* the parameter **INSERT\_PRINTER\_FUDGE = 1.0084** has been checked for our HP Laserjet printers to give accurate plotting of insets with fixed Hz/cm scaling. Other printers and/or the Mac version may need a different fudge factor to give accurate inset plot expansions; users should verify the correct factor for their own use.
6. Do not give the **license.nmr** file or the password to non-facility users, or use them after you leave UW Chemistry. To do so is a violation of our site license agreement.
7. Users should bring questions, suggestions, and bug reports about NUTS to Facility personnel, rather than directly to Acorn NMR. The site license provides support primarily through one contact person, who is Charlie Fry for our Facility.