

To start VnmrJ double click on the VnmrJ icon on the left side of the Linux (Centos or Red Hat) desktop.

Several menu bars and tabs are present in various places on the VnmrJ window. Don't confuse these menus with the Linux Desktop menu bar/launcher along the top.

File on the VnmrJ top-row menu bar can be used to open previously saved data. You may need to navigate upward to find the *vnmrdata* folder link.

Also under **File**, choose "**Printers...**" the first time you log-in to select a plotter ("**ps**") and printer ("**text**"). Additional printers and plotters may be defined later for color etc.

Open "**View**" to enable **Command Line**, which works about the same as in the old software.

Add new experiments (exp1, exp2, etc) using the **File** -> **New Workspace** menus.
To switch between workspaces, use the regular typed commands: *jexp1*, *jexp2*, etc.

To change display and printing colors open **Edit** --> **Display options...** . You will need to change the default colors for Postscript plot output to "black" instead of various lighter colors that don't print well in B&W.

Experiments is used to choose standard **Proton** or **Boron** data acquisition parameters. (replaces "**Setup**" on the old software).

Always double check the temperature & spin settings whenever you load new experiment parameters.
Always set spin=0 (off). Standard temperature is 25C.

Gradient shimming: make sure gradients are enabled, **pfgon='nny'**. You will need to readjust **z1** after enabling this parameter.

Control of Lock, Shim & Data Acquisition is controlled with the series of tabs across the middle lower third of the screen. Start with "**Start**" (left-most tab) to specify the solvent and setup lock & shimming. You can also enter a sample name and comments here.

You can obtain an old-style parameter listing under the "**Process**" tab, "**Text**" submenu.
Type "dg" on the command line to update.

Acquisition status, lock level etc are indicated along the bottom of the VnmrJ window.

Vertically along the right side of the VnmrJ window are a series of icons used to control display expansion, interactive phasing, integrals, cursors, etc. Mouse-over each icon to reveal its function.

Be sure to exit from VnmrJ before logging out. This can be done by typing "exit" on the command line, choosing "**Exit VnmrJ**" under the **File** menu, or clicking the "X" in the upper right hand corner of the VnmrJ window.

To log-out of the Linux desktop, open the **System** menu (top Desktop menu bar) and choose "**Log Out**". Be sure to confirm the logout and make sure that the login-welcome screen appears before you leave the system.

<http://nmr.uoregon.edu>