

## How to use a USB key on a Linux Data Station

Flash drives, pen drives, USB keys etc. – different names for the same devices (USB key is used in these notes). They are supported on the LINUX-based NMR data stations. Specifically, *d500* located in WB-13 and *ibdw* in EB-44 support USB keys. *d601* in the sub-basement to follow soon. Usage of these devices is as easy and convenient as it is on a MS Windows platform.

1. Log into your account and select the *second* desktop (Figure 1) by left clicking on the right hand side of the workspace switcher at the top of the screen (there are two desktops).

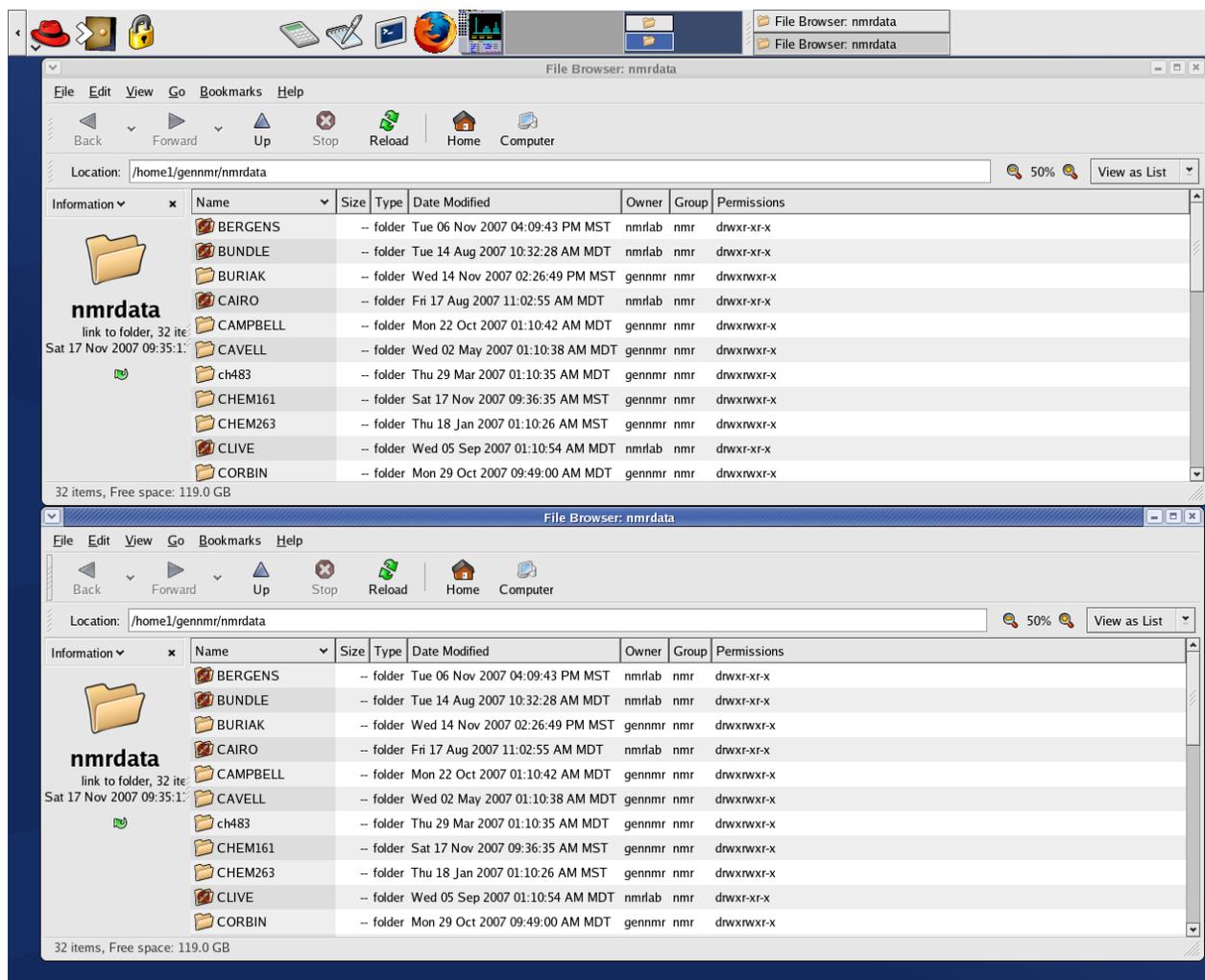


Figure 1: second LINUX desktop for data manipulations

2. Insert the USB key into one of the front USB ports of the data station. The USB key gets mounted automatically and **a new icon appears on your desktop** (Figure 2). The icon is called *Lexar* in this example but may have a different name depending on the manufacturer of your USB key.
3. Double click this new icon to open your USB key. A File Browser window with the contents of your USB key opens (Figure 3). It is best to left-click-drag this new window to the second monitor to avoid overlap with the existing windows and to make it clear which window does what. Note `/media/Lexar/nmrdata` in the Location box indicating that a directory called *nmrdata* on the USB key is open and ready to be used.
4. Using the File Browser windows that are already present, navigate to the desired directory which

contains data that you want to archive. Drag and drop the desired items into the File Browser window associated with the USB key. If an error is made, items can be safely removed from the USB key browser window by moving them to the trash. Data moved to the trash from the USB key browser window will not be deleted from the hard disk or data server but they get deleted from the USB key.

**Make sure that you do not drag files or directories from the two main File Browser windows into the trash. In this case data are deleted from the hard disk!**

File selection is performed in a similar manner as under MS Windows. Left click on the items that are to be removed then right click on the selected items and select *Move to Trash* from the drop down menu.

Alternatively, all items can be selected and moved to the trash by using the following menu items: Edit → Select All Files followed by Edit → Move to Trash.

5. When you are finished with dragging files to the USB key File Browser window: (a) close the USB key File Browser window by clicking on the X in the top right corner (b) close any program (including VNMRJ, or the main File Browser window) if they point to the USB key directory (/media/Lexar/) or sub-directories thereof.



Figure 2: new icon on desktop

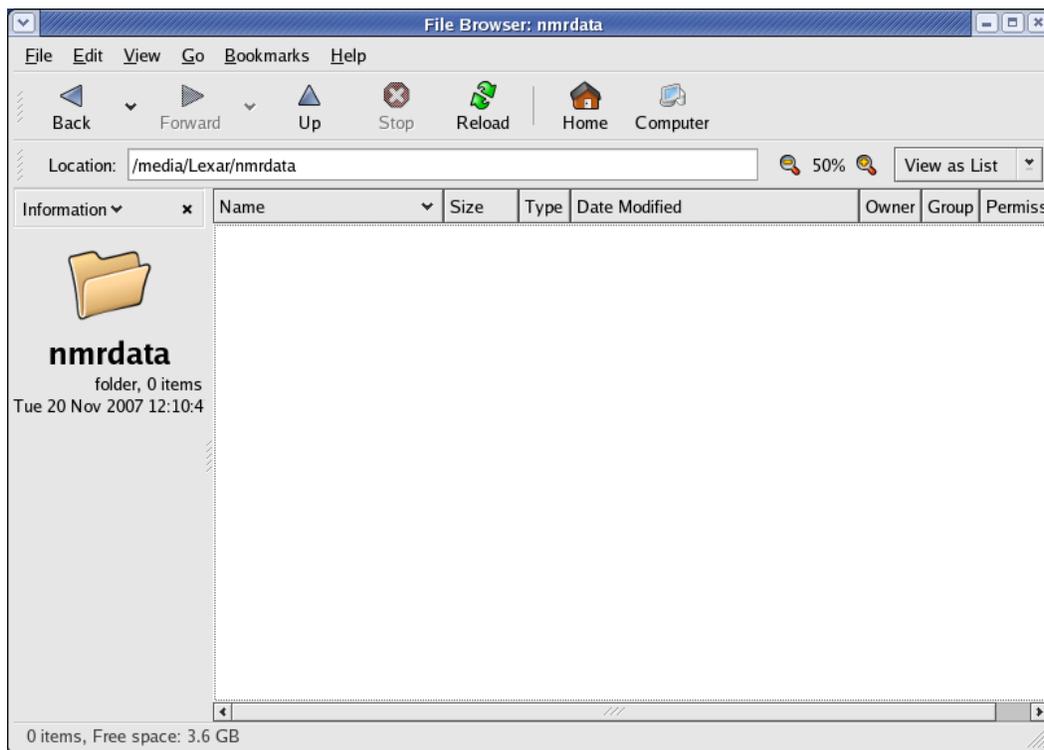


Figure 3: USB key File Browser window (best put on the second monitor)

6. Right click the Lexar desktop icon and select from the drop down list:  
Unmount Volume
7. You can now safely remove your USB key.