



## Writing DVD's on DUST & CORK April 24, 2008

Each machine has the capability of writing DVD's. The software tool to use is called 'K3b', icon shown above. A snapshot of the interface is shown, Figure 1. This can be launched from the toolbar on both CORK and DUST. ☺

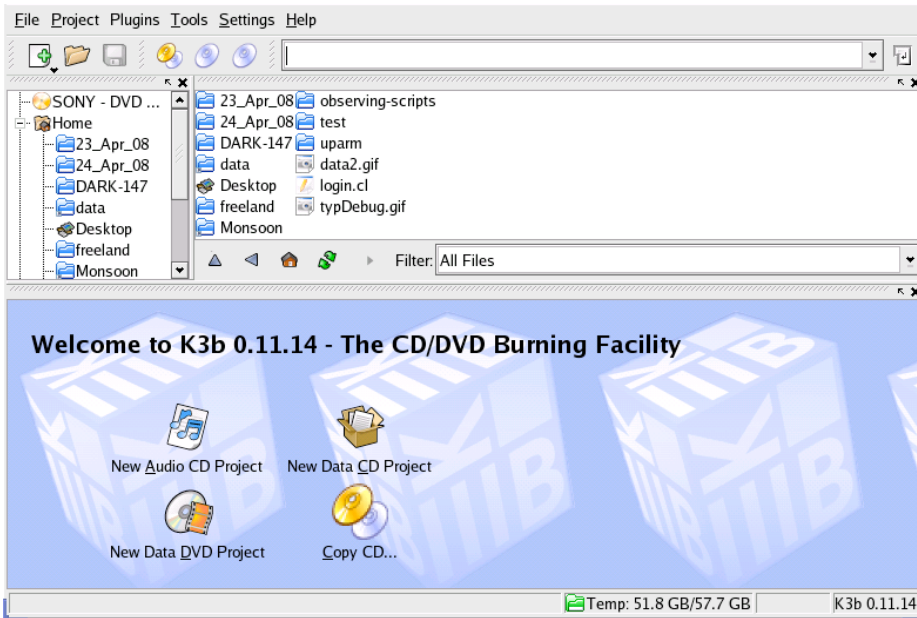


Figure 1: K3B default user interface.

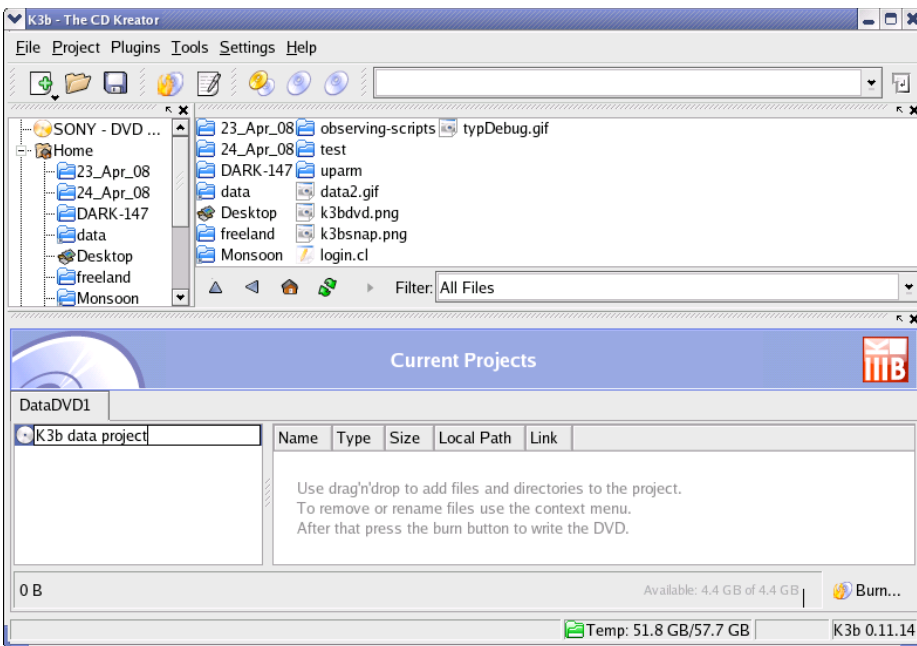


Figure 2: DVD data panel shown, editing volume label.

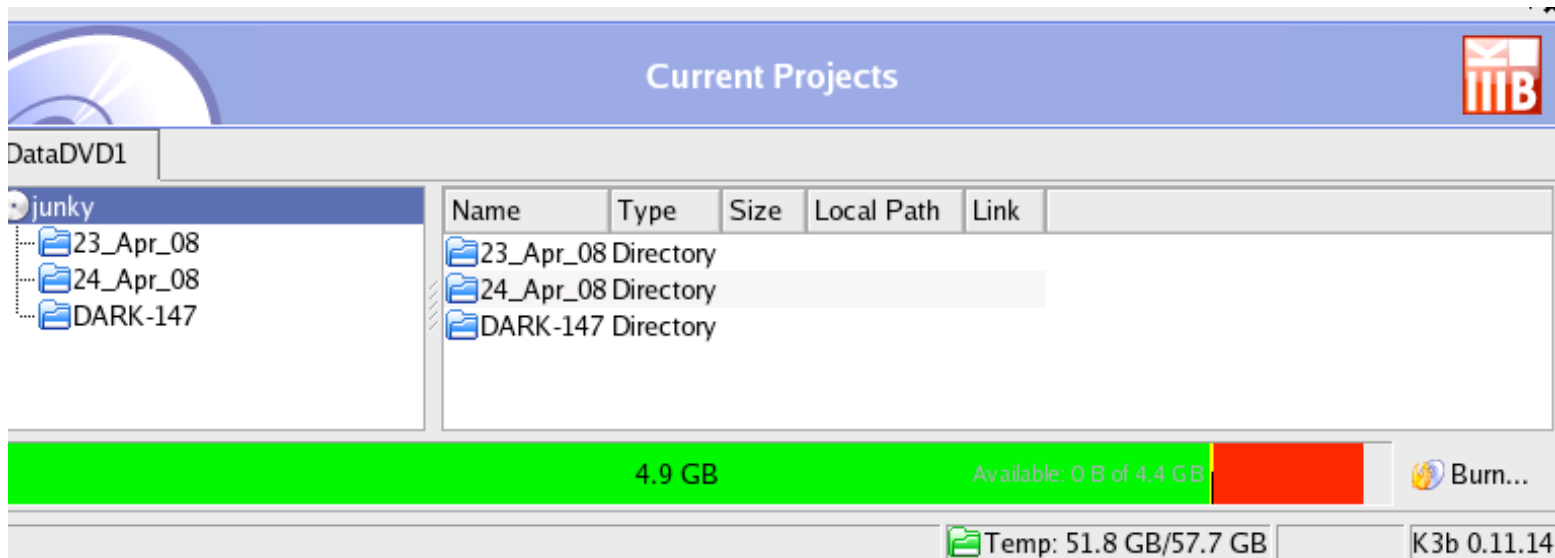
In the lower panel, where it says "Welcome to K3b..", you will find an icon for a 'New Data DVD Project'. Choose this to begin. The application will then present it's user a 'Current Projects' panel, shown in Figure 2 below.

So, an item you want to be concerned with is the volume label, which in figure 2 the snapshot shows the user actually beginning to edit the DVD label, left side of panel.

Now it is as simple as dragging and dropping directories or files from the directory menu above. Also, you can use the 'Filter' to view only \*.fits files which might be helpful.

Depending on what the observer brings in terms of DVD media, capacity will vary. Luckily, the user interface will provide very good feedback as to the how much of the capacity has been allotted. See Figure 3 for an example. Do not overfill the capacity. (duh!) This is likely to be the most problematic aspect of the procedure as the observer tries to figure out how to stuff all

the quality data onto one DVD, two DVD's, ..eight DVD's. This is where the volume name becomes very useful. The volume label is recommended, urged that something meaningful for the volume be used.



**Figure 3: Example showing three directories whose total volume overrun the DVD capacity of ~4.4GB by 0.5GB, total is 4.9GB.**

The DVD is written via the 'Burn' button at the lower right, shown here in Figure 3. When the write/burn process is complete, the DVD will be eject automatically and the K3B interface will exit.

Keep in mind that there are two definitions for a Gigabyte: 1000mBytes or 1024 MBytes. `ls -lh` lists files in 1000 Byte format, `ls -lH` in 1024 format.