

/u/fortune news

Instructions for Using Software Library Floppy Disks

Our disks contain a great variety of programs that will be of use to you and a number of games that are quite enjoyable. Most of the disks can be installed through the S5 option of the **Global Menu** to make them easy to use. In order to make the most use of them however, we encourage you to read this short set of instructions.

First of all, we must explain what a "program" is. **Fortune:Word** and **Multiplan** are programs. They are a collection of instructions that tell your computer how to behave. If they are well written, then you don't have to be a programmer to use them. All programs have names. Programs are run when their names are typed into the computer. Fortune's **Global Menu** isolates most users from knowing the actual "names" of the programs on the computer, but it is important to understand that all the menu actually does it tell the computer what program to run next. For instance, **Fortune:Word** is actually a program called **wp2**. If you type **wp2** from a UNIX \$ prompt, **Fortune:Word** will appear on the screen, just as if you had used **E1** on the **Global Menu**.

Now we come back to our software diskettes. Several of them can be installed through Fortune's **Global Menu**. This technique is the most familiar to our subscribers. However, there has been some confusion because several of you who purchased these disks expected the programs that you installed to be highlighted on the **Global Menu**. We purposely did not build this into the install procedure because you would quickly run out of slots on the menu. This is because that unlike **Fortune:Word** or **Multiplan**, each of our disks actually includes many small programs. Rather than install all of the programs automatically, we felt it would be better if each individual made the decision to install the program on the **Global Menu** itself.

So, our install script is used to copy the selected program from the diskette to your hard disk and that is all. To run a program that has been copied to the hard disk, you will need to enter the UNIX shell and then type the name of the program. The name and location of a program is usually listed in the **HELP** option attainable from the install menu. If you want to add a program to the **Fortune Global Menu**, you can use a program called **addglobal** which is available on the **D.C. Grab Bag** diskette. (As of 2/20/87 we are also including **addglobal** on any diskette that we distribute.) To use this program, type its name while in the UNIX shell (remember to use its entire pathname if it is still on the **D.C. Grab Bag** diskette, **/f/shells/addglobal**).

For example, let's say you purchased our **UNIX TOOLS** diskette and decided to install the **rolodex** program onto your hard disk. You would first go through Fortune's

Global Menu to the install option (S5 then I). Put the floppy in the drive and follow the directions. Once our install menu is on the screen you can type 1, then H for **Help**. The **Help** option gives a brief description of the program and also lists the name of the program. In this case, it is called **rolodex**. To install the program, just type I for install. The program will ask you some questions and then install the program **rolodex** onto your hard disk. Then type a Q to quit.

At this point the program has only been copied onto your hard disk. To run the program you should go to the UNIX shell and type **rolodex**. If you want to add **rolodex** to the **Global Menu**, you will have to run the **addglobal** program.

Installing a program on the Global Menu

This is a relatively simple process, made even easier if you have the **D.C. Grab Bag** Disk, or any of our other disks that were shipped after 2/20/87. To use the **addglobal** program, follow these instructions:

Look at the **Global Menu** and determine which open space you will use for your program. You can use any slot that is not lit up, and that is between 1 and 5. **The 6 selections, e.g. E6, can not be modified with these instructions.**

Next, log in as **root**. *Note that during the remainder of this process, you should not use the EXECUTE key or the ARROW keys.* Use the RETURN key, or space and backspace key to make changes.

Put your copy of the **D.C. Grab Bag** diskette into the floppy drive, mount the floppy drive (mount **/dev/fd02 /f**), and then type **/f/shells/addglobal**. (If you have a new version of any of our disks, you will mount that disk, and just type **/f/addglobal**.) This program will then prompt you for certain pieces of information. First you will be asked if you want to add or delete a selection. Those options are self-explanatory. Next you will be asked the Menu Location -- that's P3, etc., whatever location you desire. Next you will be asked the program's name. This is the name that will appear on the **Global Menu**. You are limited to about 20 characters for this. Next you will be asked the full path name. This is the name you got from the help screen when you were installing the program. The full path name is something like **/usr/bin/rolodex**, or **/usr/games/puzzle**. After this has been entered, a command line will appear on the screen, and you will be asked to press RETURN to continue, or CANCEL to stop. If

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you haven't made any mistakes that you know of, press RETURN. When the program is finished, rolo will be installed on the **Fortune Global Menu**.

Special Instructions for Certain Disks

Fortune:Word Tutorial

This disk is installed through the **Global Menu**. Once it is installed, you should go into **Fortune:Word**, switch to the `/u/training` library, and look at a document called `demo-packb`. This is a demonstration document, that takes you through the many features of **Fortune:Word**. It also includes sample documents that are used with this script. We suggest you print out `demo-packb`, just as you would any other **Fortune:Word** document, and then follow through with its examples.

D.C. Grab Bag

This disk cannot be installed with the Global Menu. To see what programs are contained on this disk, follow these instructions:

Log in as manager.

Get into **Fortune:Word** as usual. Choose the **Filing** option from the Main Menu.

Choose the **Retrieve from Archive** option from the Filing Menu.

When it asks for the name of the document to retrieve, enter `readme`.

When it asks for the destination, you may enter a new name, or leave it as `readme`. Print the new document out as you would any **Fortune:Word** document.

Once you have a list of the programs, you will copy them to your system using the instructions below for copying programs from the floppy to the hard disk.

Fortune Utilities Disk

This disk can be installed through the **Global Menu**, but this will copy all of the programs from the floppy onto your hard disk. You may not want to do this, since many of the programs may not be suited to your application. We suggest that you start by printing out an index of what is on the disk. This is done as follows:

Log in as root. Insert the floppy in the drive and close the door.

Mount the floppy by typing `mount /dev/fd02 /f`

Turn on your printer. Type `lpr -h /f/MUSlist`

In a moment, the # sign will reappear. Red lights should blink, and a moment later your printer should begin to print.

Unmount the floppy by typing `umount /dev/fd02` (That's `umount`, not `unmount`!)

Note that all of the EMAIL, or electronic mail, programs require the **Fortune-to-Fortune Copy** program.

Exit UNIX by typing CTRL-D. (That's the gray CTRL key and the letter d. Use the CTRL key like the SHIFT key. Press is down first, and then the letter d while still holding down the CTRL key.

Copying Programs from the floppy to the hard disk

This is a relatively simple matter. Log in as `root` and mount the floppy per the instructions above. Then, determine the full path name of the file you want to copy. Most games are in a directory called `/usr/games`. Since they reside on the floppy, they would be in `/f/usr/games`. For example, the full path name for the game **blob** on the **Fortune Utilities** disk is `/f/usr/games/blob`. To copy this file to the hard disk you use the `cp` command as follows:

```
cp -t source destination
```

in the case of `blob` above, you would type:

```
cp -t /f/usr/games/blob /usr/games/blob
```

Repeat this copy command for any programs you wish to copy. Once they are copied, you can run them by typing their full path name, e.g. `/usr/games/blob`.

You may want to copy certain utility programs into your `bin` directory. This would make it possible to run them just by typing their name without the full path (`/bin/program`). This is because the computer automatically looks in the directories specified in the `PATH` command. If you feel comfortable in UNIX, you may want to create a special directory just for the programs you add to the system, and add that directory to your `PATH`. This simplifies backup, since all of your modifications are in one place, rather than being mixed in with the other programs that reside in `/bin`.

Good luck and have fun!