--==GATOR==--

LogiCall V 7.0

For the Tandy Color Computer 3 Disk Operating System using RGBDOS

Vcc and DriveWire Compatible

OPERATING MANUAL

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LogiCall
Version V7.0
Executive Level Synonym Execution Program
and Integrated Software Ensemble
for the Color Computer 3 Disk Operating System

Introduction to *LogiCall*

LogiCall is an Executive Level Synonym Execution Program and integrated software ensemble that enhances the speed and operating ease of your Color Computer 3. *LogiCall* permits you to move from drive to drive, move into and out of your word processor, database, spreadsheet, terminal program and other programs using just a few logical keystrokes. *LogiCall* displays pictures and word processor files on the screen without using a graphics or word processor program.

The FORMAT, MOVE, ERASE, RENAME, POINT, CAT, and RESET keys all work when using RGBDOS & HDBDOS making executive level file management easy. Also, redundant easy to remember single key commands further shorten the file management requests.

Some features of *LogiCall* are:
1.) Prompts for the drive you wish to use next. (TAPE Drive? Sure!)
2.) Automatic display of the selected drive's disk CATalog.
3.) Current drive POINTer added to the disk CATalog list.
4.) Prompts for the program you wish to run next.
5.) Permits SCAN selection of the program to LOAD into the CoCo 3.
6.) Contains convenient HELP screens.
7.) Runs in CoCo Floppy Disk Drive, Vcc and DriveWire modes.
8.) Easily creates an AUTOEXEC program on disk.
9.) Easy call to SAVE the *LogiCall* program to current disk.
10.) Easy calls for the FORMAT, BACKUP and MOVE utilities.
11.) Easy calls for terminal and word processor software.
12.) Easy calls to the RENAME and ERASE routines.
13.) Easy call to refresh the on screen CATalog, handy if disk swap occurred.
14.) Easy call to re-BOOT AUTOEXEC.BAS.
15.) Easy call to return the disk drive POINTer prompt.
16.) Lets you change FLOPPY drives 1 thru 4 at the Program? prompt.
17.) Displays WP files to screen without using WP application. (80-column width)
18.) Prints CATalog to printer for disk labeling.
19.) Written in BASIC to allow user customization.

LogiCall exits the CoCo when a new program is LOADed and returns when you're through with that program to maximize the available RAM space. Filenames on disk are parsed for extensions to permit easy calling of files into the CoCo. No longer will you have to power down the CoCo between programs. You can change the logic if you wish because *LogiCall* is written in BASIC.

Using *LogiCall*

LogiCall allows one to perform all of the RGBDOS executive level features using only one easy to remember logical key stroke followed by **<ENTER>**.

Drive? Prompt   ====[0 1 2 3 T]====

When ***LogiCall*** is loaded into the CoCo and begins execution, a brief CATalog showing only the executable files on the disk in the current drive is displayed along with the current drive number. The **Drive?** prompt is positioned at the lower left of the screen. Enter '**T**' for tape, a valid number between **0** through **3**, or just <ENTER> if you wish to remain on the current drive. If you select a drive other than the current drive, ***LogiCall*** will display the CATalog of the disk in the newly selected drive.

Program? prompt

The **Drive?** prompt is now replaced by the **Program?** prompt. You may now type in the program name just as it is displayed in the CATalog or use the **Scan LOAD** feature described below.

====[FORMAT MOVE ERASE RENAME CAT**alog POINT]====

You may perform executive level file manipulation tasks at this point rather than calling in a program to run. The ***LogiCall*** key words **FORMAT, MOVE, ERASE, RENAME CAT**alog**, POINT,** followed by <ENTER> allow you to perform file management routines. Use them at the **Program?** prompt if you wish or type in the easy-call character for the desired command from the HELP screens or the list below:

LogiCall Commands available at the Program? prompt

AUTOEXEC   ====[A]====

Press '**A**'[UTOEXEC] <ENTER> to create a CoCo AUTOEXEC file on the current disk. Follow the instructions on the screen to complete the process. Type '**LIST**' instead of '**RUN**" to modify the AUTOEXEC. High speed or slow speed pokes can be added. Floppy Driver can also be turned on and off. Type 'RUN' to finish the AUTOEXEC creation process. ***LogiCall*** will be called when AUTOEXEC has finished its save.

CATalog   ====[9]====

Press '**9**' <ENTER> to display a fresh CATalog on your screen, handy if you've just swapped disks in the current drive. This CATalog is the standard LKDOS CATalog except the current disk drive pointer number has been added.

                                                                        ====[N]====

If a long CATalog scrolls off the screen, press '**N**' instead of '**Y**' at the 'scroll?' prompt to display the Program? prompt and suppress viewing the lower portion of the CATalog. This facilitates the Scan LOAD option explained elsewhere. Please also note that the CATalog length may be manipulated as described below.

BRIEF CAT/VERBOSE CAT   ====[B & V]====

The default Brief CATalog displays only BASIC programs that can LOAD and RUN. This keeps the screen listing as short as possible for the convenience of double-sided disk drive users. There is generally no need to view the machine code files used by the BASIC drivers. If you wish to see the entire CATalog, '**V**'[erbose] <ENTER> will display the complete CATalog while '**B**'[rief] <ENTER> will display only the brief CATalog.

Scan LOAD   ====[J or <ENTER>]=====

At the Program? prompt pressing <**ENTER**> or '**J**' <ENTER> will put ***LogiCall*** into the Scan LOAD mode. The space bar or the 'L' key will advance the highlight bar down the screen. The arrow keys will also move the highlight bar. If the highlight bar is on the top left column, moving it to the left or up will take ***LogiCall*** out of the Scan Load mode.

Using the space bar or holding down the '**L**'[oad] key may be the easiest way to advance the highlight bar down the screen because it lies next to the <ENTER> key. The arrow keys move the highlight bar about the CATalog. Now press <ENTER> to LOAD in the selected program. The keys '**A**' and '**Q**' will therefore work in the same manner as experienced in previous CoCo programs.

COPY   ===[Z or C]====
Press '**Z**' <ENTER> or '**C**' <ENTER> to print a screen COPY on your printer. This print out can be placed in the sleeve with the disk as a printed record of the files on the disk.

ERASE   ====[7 or E]====
Press '**7**' or '**E**' <ENTER> to display the 'ERASE''' prompt. Next, enter the file name with the extension of the file to be erased. Press <ENTER> again and the file will be removed from the CATalog.

FORMAT   ====[0 or F]====
Press '**0**' or '**F**'[ormat] <ENTER> to call the FORMAT.BAS program from the current drive when you wish to format or copy a disk. This FORMAT program provides a '**0**' option in the menu which permits exiting to the same drive from which the FORMAT program was called. If FORMAT.BAS is not on the current disk, the drive POINTer will change to drive 0 and the CATalog of the disk in that drive will be displayed.

HELP   ====[? or H or F1]====
Press '**?**' or '**H**' <ENTER> or **F1** at either prompt to display the HELP screens. The HELP screens display some (but not all) of the keys that perform executive level commands and calls when followed by <ENTER>. Here among other things you will find that entering '**W**' at the Program? prompt will LOAD the word processor software while '**T**' will LOAD the terminal software. Please be sure to study these HELP screens!

MOVE   ====[6 or M]====
Press '**6**' or '**M**'[ove] <ENTER> to call the MOVE.BAS program from the current drive when you wish to move one file at a time from one disk to another or rename a file on a disk. This Move program provides a '**0**' option in the menu which permits exiting to the same drive from which the MOVE program was called. If MOVE.BAS is not on the current disk, the RENAME Old?, New? prompt will be displayed.

NEW   ====[N]====
Press '**N**'[ew] <ENTER> to activate the AUTOEXEC program on the currently selected drive. If the AUTOEXEC turns on the floppy drives or selects the slow poke or fast poke, calling the AUTOEXEC will refresh these features.

POINT   ====[8 or D or G or P and T]====
Press '**8**', '**D**'[rive] or '**G**'[oto] or '**P**'[oint] <ENTER> to display the Drive? prompt. Press '**1**', '**2**', '**3**' or '**4**' <ENTER> and the system will point to that drive. *LogiCall* will next display the CATalog of the disk in that drive. If instead you press '**T**'[ape] <ENTER> at the Drive? Prompt the system will prompt you to turn on the tape drive. The drive POINTer will remain on the last selected disk drive.

LogiCall will accept requests to change the drive POINTer at the Program? prompt. Press '**1**', '**2**', '**3**' or '**4**' <ENTER> at the Program? prompt to POINT to that drive and display its CATalog. If you know that FORMAT.BAS is not on the current drive, then pressing '**0**' <ENTER> will POINT to Drive 0.

RENAME   **====[5 R 6]====**
Press '**5**' or '**R**' <ENTER> (sorry, this one isn't logical) to display the RENAME Old?, New? prompt. Enter the name and extension of the file to be renamed, <ENTER>, the New file name with its extension, <ENTER> and the file will be renamed. Pressing '**6**' when MOVE.BAS isn't present on the selected disk will also display the RENAME Old?, New? prompt.

SAVE   **====[S]====**
Press '**S**'[ave] <ENTER> to save the *LogiCall* Exec. L.BAS on the current disk.

Terminal   **====[T and Y]====**
Press '**T**'[erminal] <ENTER> to call the terminal software. The terminal software can be MTERM II, Loader V or MaxCom. Others can be added to the call list. If you have to momentarily leave MTERM II or LOADER V for some reason, press '**Y**' <ENTER> to RETURN to it.

Word Processor   **====[W]====**
Press '**W**'[ord Processor] <ENTER> to call in the word processor software. The word processor can be Simply Better, VIP Writer, Super Color Writer 3 or Telewriter 64. Others can be added to the call list.

Additional features   **====[.DOC .TXT Q]====**
If you enter a file name with an extension of .DOC or .TXT at the Program? prompt, *LogiCall* will assume it to be a word processor file and will display it on the screen directly from disk. Pressing the space bar or '**Q**' will cancel the scroll and prompt you to press <ENTER> to exit this feature.

INSTALLING the *LogiCall* Executive Operating System

As with all software you obtain, make a backup copy of the *LogiCall* disk and store the original safely away. Place the copy in drive 0. You may want this disk to become your boot-up disk.

The default screen colors of the *LogiCall* Exec. **L.BAS** white letters against a blue background, can be changed in line 0 of the **L.BAS** program if you desire another color combination. White against blue is easiest on the eyes.

The *LogiCall* Exec. **L.BAS** and **AUTOEXEC** created by *LogiCall* should be on every floppy disk you have if there is room on the disk for them. During installation, AUTOEXEC can be modified to start programs other than **L.BAS**. See the section MODIFYING AUTOEXEC below.

LOAD the program **L.BAS** into your CoCo 3, run it and enter the drive number you wish to store it on. Press '**S**'[ave] at the Program? prompt followed by <ENTER>. The program **L.BAS** will be SAVEd on the current disk. Now press '**A**'[UTOEXEC] at the Program? prompt followed by <ENTER>, then type 'GOTO 410'. Next type 'RUN' and the program AUTOEXEC.BAS will be stored on the disk. Do this to every disk you use. Powering up the CoCo 3 with AUTOEXEC.BAS on the boot disk will now call *LogiCall* on boot-up. To aid you in locating your programs, also install DISKS.BAS on the boot-up disk in DRIVE 0.

Modifying AUTOEXEC

To modify the AUTOEXEC program to call something other than L.BAS during boot-up, press '**A**' and <ENTER> at the PROGRAM? prompt and then type GOTO410. Next type LIST instead of RUN. This will break the AUTOEXEC program. Modify line 430 with the name and extension of the file you want AUTOEXEC to call, then type RUN <ENTER> to save the modified AUTOEXEC program. You can add or modify lines 421 through 429 to add features like the high or low speed POKE. DO NOT modify lines 400 through 430 in the **L.BAS** program!

AUTOEXEC Notes

AUTOEXEC programs instruct the COCO 3 what to do when the computer is powered up or when the '**N**' <ENTER> sequence occurs. Here are a few simple rules about AUTOEXEC that should be heeded:

RULE 1: AUTOEXEC should do little more than make the slow/fast POKE, call a program from the disk (LOAD the program and RUN it) and save itself to that disk.

RULE 2: AUTOEXEC may install Floppy Drives on the system.

RULE 3: AUTOEXEC should not exceed 2544 bytes in length. The area saved will always be one granule long, 2545-1 bytes. CLEAR 27577, 22000

Since many menu programs are too long to fit on a single track as an AUTOEXEC SAVE in the COCO 3, I submit the following program fragment that can be included in any menu program to create AUTOEXEC. Since this is the AUTOEXEC program fragment included within the lines of the *LogiCall* program **L.BAS**, it is numbered accordingly:

```
400 CLS:LOCATE14,12:PRINT "Type GOTO410":DEL 500-990'CREATE AUTOEXEC.BAS
410 CLS:LOCATE14,12:PRINT "Type RUN":DEL 0-410
420 SAVE "AUTOEXEC.BAS"
421 'DRIVE OFF 3
422 'POKE 65497,0'FAST
430 LOAD"L.BAS",R
```

Lines 400 and 410 deletes lines 500 thru 990 and lines 0 thru 410, all unneeded lines from the AUTOEXEC program fragment, thus keeping the required space to one granule.

Line 420 saves the program as AUTOEXEC.BAS.

Line 421 turns on the 4 virtual floppy drives when the first REM is removed.

Line 422 initiates the high speed Poke for CoCo3 when the first REM is removed.

Line 430 calls the start-up program. This can be changed from L.BAS to DISKS.BAS, Menu.BAS or any other program you desire to call.

At the prompt requesting the user to Type RUN, typing LIST instead permits more lines of code to be added as lines 423 to 429. Once added, typing RUN will save AUTOEXEC.BAS. AUTOEXEC.BAS will run at power up provided it is on Drive 0. It will also run when '**N**' is entered at *LogiCall*'s Program? prompt.

Modifying Existing Programs

Many of the popular program drivers have been modified for *LogiCall* and are included in this ensemble. You will have to modify the other disk-based programs in your collection to LOAD **L.BAS** upon program completion. Use line 9999 to SAVE the BASIC driver you are modifying. Most programs are saved on lines above 9990 or should be, so add line 9997 DRIVE 0, 9998 LOAD "L.BAS",R and 9999 SAVE "filename.ext" to the program. Execute GOTO9999. **L.BAS** will then be run after the completion of the program.

On programs that are menu driven, add an option '0) EXIT' to the menu that directs the program to the new line 9997. On programs that end with a STOP statement you can either modify it to read 'STOP: GOTO 9998' so that entering CONTinue <ENTER> after the STOP occurs will load **L.BAS** or change the STOP statement to read GOTO 9997. Also, modify your word processor application to SAVE and LOAD its WP files with the extension **.DOC** or **.TXT**. Remember that *LogiCall* prints files with either the **.DOC** or the **.TXT** extension to the screen for fast identification.

When finished with a program, you do one of four things:

1.) Quit from the program's modified menu.
2.) STOP the program and then CONTinue <ENTER>.
3.) STOP the program and enter 'GOTO 9998' <ENTER>.
4.) RUN the program's BASIC driver which will LOAD L.BAS when finished.

The disk CATalog will again appear on the screen with the word Drive? at the bottom of the screen and you can go again as before. [**No need for a RESET switch!!**]

LogiCall Operating System and the First Time User

Make a copy of the *LogiCall* disk and put the original away in a safe place. Place the copy into Drive 0. Enter your own program names into the program DISKS.BAS as described in the separate section for the DISKS.BAS program. Move L.BAS, DISKS.B1, FORMAT.BAS, MOVE.BAS and AUTOEXEC.BAS to Disk 0.

Start with the CoCo 3 turned off. Power up the CoCo 3. Instantly the disk CATalog comes up on the screen. Press <ENTER> twice and use the arrow keys to move the highlight bar over DISKS.BAS and press <ENTER>. DISKS.BAS allows you to locate a program on one of up to 400 disks. DISKS.BAS is covered in a separate section on page 17.

Peruse the pages using the '**N**'[ext] and '**B**'[ack] or number keys to find the needed disk(s) in your library cases. Place the disk(s) you have selected into the desired drive(s) and enter '**Q**'[uit]. The drive CATalog is automatically displayed on the screen along with the drive number and at the bottom the Drive? prompt.

Enter the number of the drive you wish to use next. The CATalog of the disk in that drive is now displayed on the screen (along with the DRIVE # to remind you where you are at if you happen to look away for a moment) and at the bottom of the screen the Program?' prompt.

Enter the name and extension of the file you wish to call followed by <ENTER>. If you don't care to type in the name and extension of the file, press <ENTER> at the Program? prompt and you will enter the 'Scan LOAD' mode. Use the arrow keys to highlight the desired program and press <ENTER>. The program will load into the CoCo 3 and run.

When you are finished with the program, you return to *LogiCall*.

The disk CATalog will appear on the screen again with the Drive? prompt at the bottom of the screen and you can go again as before. [NO need for a RESET switch!!] Pressing <ENTER> without a number will allow you to stay on the present drive.

Any file management routine can be accomplished at the **Program?** prompt. Pressing '**H**' <ENTER> will display the on-screen **HELP** file showing at least 22 of the single key easy-to-remember *LogiCall* commands.

Some first time users like to take a guided tour the first time out. Below is such a tour. Try it once even if you've used *LogiCall* before.

The GUIDED Tour

Jay Shepard of Iowa called me one evening. This gave me an opportunity to give him a guided tour of *LogiCall*.

"Put your COPY of *LogiCall* disk #1 into drive 0, and turn on the power. What happened?" I asked. "Drive 0 turned on... and the *LogiCall* CATalog is on my screen ...and it's also telling me what drive I'm looking at." was his reply. "That's the *LogiCall* screen and in the lower left of the screen?" "It's asking for a drive number." "OK, just press '**0**' or <ENTER>, you'll stay on drive 0." "Now it wants a program name." he said. "RIGHT! Now press '**F**' and <ENTER>." "The FORMAT menu is on the screen just like the early version except it has a 0 selection to EXIT." he replied. "Now press '**0**'." "OK, I'm back to *LogiCall*." said he. "Now just press <ENTER> at the Drive? prompt then press '**M**' and <ENTER> at the Program? prompt." "The MOVE menu is on the screen and there is also a 0 selection to EXIT." he replied. "Now press '**0**'." "I'm back to *LogiCall*." He said. "I'll show you why. Press '**H**' and <ENTER>." "A HELP page came up on my screen" "Press ENTER again." "˜A second HELP page!" "Yep, two pages of logical one key operations. Now press ENTER." "Back to *LogiCall*." he said. "At the PROGRAM? prompt press '**W**' and <ENTER>." "My Simply Better word processor!" he was laughing at this point. "Now select '**0**' on the menu." "I'm back in *LogiCall*."

"At the Program? prompt press '**T**' for TERMINAL and <ENTER>." "I'm in MTERM!" more laughter. "Press <ENTER> to get the MTERM main menu and select '**E**' for exit to BASIC, then RUN and <ENTER>." "I'm back in *LogiCall*." he said. "Now check out the speed of this next command ... press '**Y**' and <ENTER>." "I'm in MTERM again but it was like ... instantaneous!", he said and then exited MTERM back to *LogiCall*.

"Now at the PROGRAM? prompt press '**V**' and <ENTER>. You should see the VERBOSE or FULL CATalog." "Yes, all the machine code files are now listed with the BASIC Programs." "Don't do it now but '**B**' and <ENTER> will give you back a BRIEF CATalog. Brief was provided to avoid the scrolling users complained about when they used double sided drives. OK, now at the Program? prompt type GOLDFISH.BIN and <ENTER>." "Yep, Goldfish!" this time giggling. "Press the space bar and at the Drive? prompt type JOKE.DOC" "That would be a word processor file, wouldn't it? Hey! It's printing to the screen." "Yes, this lets you peruse word processor files quickly to determine which one you want to work on in your word processor.

Now let's say we're too lazy to type in a Program name. At the Program? prompt just press <ENTER>." "The first Program in the listing just lit up." he said. "Now use the arrow keys to move around the CATalog to GHOSTBST.BAS, then press <ENTER>." "OK, I'm looking at a blue screen." "Press <ENTER>." "… I'm looking at the Ghost Busters logo."

"Press <ENTER> and your back to *LogiCall*. Now let's do a little file management. Press '**R**' and <ENTER> at the Program? prompt." "The bottom of the screen says RENAME Old?, what now?" he asked. "Type in L.BAS and press <ENTER>" "It now says RENAME Old? L.BAS New? ... what next?" "Now type L3.BAS and <ENTER>" "OK! A new CATalog just came on the screen with L3.BAS listed instead of L.BAS" "Now press '**E**' and <ENTER>." "The bottom of the screen says ERASE? ... what shall I erase?" "Erase L3.BAS." "OK ... it no longer appears in the CATalog. Have I lost L.BAS?" he said sounding worried. "No, it is still running. Press '**S**' and <ENTER>." "I was just shown a new CATalog with L.BAS back in the listing" he said. "That's because anytime you press '**S**' and <ENTER> *LogiCall* saves itself to that disk.

If you happen to swap disks in that drive, pressing your CATalog key, '**9**', and <ENTER> will give you the CATalog of that disk. Now consider the fact that you have powered up the COCO 3 and have loaded SEVEN programs one after another, looked at two data files on the screen, renamed, deleted and created files all in less than three minutes, and have not yet turned off the computer to RESET it." I said. "NEAT! This is GREAT stuff!" said Jay.

"Now how do I make an AUTOEXEC.BAS file to start up *LogiCall* on boot-up?" he asked. "Easy. At the Program? prompt press '**A**' and <ENTER>, wait for the tune, then type GOTO410. Next type RUN <ENTER> and the job is done." "Your kidding, what about disk space?" he asked. "AUTOEXEC and *LogiCall* only use two tracks."

"What is the DISKS.BAS file in the CATalog?" he asked. "Load it." I said. "It's there to assist you in locating all those programs you've collected through the years. I have nearly 400 disks to keep track of. You eyeball scan the pages using the '**N**'[ext] and '**B**'[ack] keys, space bar or number keys to find the needed disk(s) in your library cases, there is room for forty cases. DISKS.BAS is your Disk Filing System. Think of it as box of filing cards. Use **F1** to see its HELP file. After updating slots holding the information regarding where you've moved your disks, pressing '**S**' saves your changes. Pressing '**E**' also saves your changes to DISKS.BAS AND returns you to *LogiCall*. Pressing '**Q**' returns you to *LogiCall* without saving changes. TAPES.BAS is the tape version for your tape storage."

If you have TROUBLE
The *LogiCall* version number is in line 10 of the program L.BAS If you require help, you may e-mail me for instructions on how to download updates.

If you have any questions about this software ensemble contact;
--==GATOR SOFTWARE DEVELOPMENT==--
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Streamwood, IL 60107
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DISK/TAPE DIRECTORY

PART OF THE

LogiCall
Integrated Software Ensemble
for the Tandy Color Computer 3 Disk Operating System

It is said the job is not finished until the paperwork is done. These utilities provides a way to find programs filed away on disks or tapes and manage their movement within or between storage cases with relative ease.

Now that Vcc and DriveWire provides you with 260 virtual disks to store programs on, DISKS provides you with the equivalent of a file card box that holds 40 cards. Each card contains the information for 10 disks (or 20 tapes). All you have to do after putting a program on one of these 260 disks is to also enter the program's name into DISKS.BAS. Save to finish the job.

Each displayed board represents a storage box containing 20 slots. The 20 slots are divided into two columns of ten slots each. Please number these in your mind as l through 10 on the left side and 11 through 20 on the right.

====[A D M]====

You may put titles and notes as long as 12 characters into each slot provided. You may then **Add** new titles, **Delete** titles, or **Move** titles from one slot to another slot either in the same box or a different box.

====[N B F R < > Space]====

The ability to see the titles in each box is as easy as hitting the 'N'ext key and the 'B'ack key, the 'F'orward and the 'R'everse keys or using the LEFT or RIGHT ARROW keys or just typing in the number of the box, 0 through 39, you wish to view. The **space bar** will also advance to the next box.

HELP Screen   **====[H ? F1 U]====**

A HELP screen is also available to show all the possible keys that will give you desired results. Just press '**H**', '**?**' or '**F1**' to see the **HELP** file. In the help screen is the function '**U**' for **Update Pointer (UPDATE PNTR).** This is provided to allow saving DISKS.BAS to other than the current drive. It changes the system drive pointer.

Save, Exit or Quit   **====[S E Q U]====**

You can SAVE your changes at any time by entering '**S**'. To EXIT with a SAVE enter '**E**'. To QUIT without a SAVE enter '**Q**'. To SAVE to other than the current drive press '**U**' and give the drive number before pressing '**S**'.

Filing Programs Away

I suggest that when storing tapes or disks that you try to keep a particular theme in each box, utilities in one box, games in another, word processors in another, terminal programs in another and so on. In this way locating a program is made easier.

My recently acquired disk library cases hold 10 disks each. I store my LogiCall System on disk 0 and then put disks 1 through 9 in the first case, 10 through 19 in the next case and so on. I then use slots 10 through 20 of the box to comment or expand the description of the first 10 slots.

Abbreviations
Now for a few words about abbreviating. As I stated earlier, there is room for only 12 character titles. To fit in longer titles, try leaving out first the vowels, then one of the consecutive double letters in a word. If the word starts with a vowel, leave it in. Most long titles will still make sense. You can use this trick for many other data records in filing systems. If someone misspells a word, it is often because they used the wrong vowel. The ancients could read and write without vowels and you will find that, knowing the rules, you can also.

Initializing the Database
Initializing the database will wipe out all previous records! Load DISKS.BAS or TAPES.BAS into the CoCo 3 and make ready your storage device. Typing in the following command in the immediate mode will initialize the database and save the program:

CLEAR 800*14:DIM G$(799):SAVE DISKS.DAT<ENTER> for 40 Boards

The number 799 comes from the fact that there are 20 SLOTS and 40 BOXES. The program and the data file will fit inside 4 disk tracks.

Re-Sizing the Database
If you ever need to expand the file size, dimension an H$ the same size as the G$ and using a FOR NEXT loop copy the contents of G$ into H$. Dimension G$ to the new size and using another FOR NEXT loop put the data back into the new G$, than dimension H$ to 1. The routine at 9400 changed this program from 24 boxes to 40 boxes. Save the file DISKS.DAT

Creating the TAPES.BAS program
The Tape version of DISKS.BAS is easy to make. Load DISKS.BAS into a word processor. Save the program as TAPES.BAS. Next do a global replace to change DISK to TAPE. Again SAVE TAPES.BAS and you are done.

Since tape storage cases contain 20 tapes, your 20 slots per box will probably contain only program names.

Your **LogiCall** for CoCo3 ensemble includes batch files to make installation, manipulation and editing of your .dsk files as easy as possible. These batch files also provide you with a menu to help you get started.

LogiCall for CoCo was developed using the Vcc emulator and is believed to also work with CoCo 3 using DriveWire.

Before installing **LogiCall** you must first install Vcc and Toolshed, then proceed to the LogiCall installation.

First – you must setup 4 directories. Belfry holds PKUNZIP.EXE and all .BAT files. CoCo3 holds all the .DSK and .VHD files used by Vcc. The directory BASIC\Files holds the CoCo 3 .BAS, .DAT and .TXT files in a form that can be modified using MSDOS utility EDIT.
At the DOS prompt type:
c:
cd
mkdir BASIC
mkdir Belfry
mkdir CoCo3
cd BASIC
mkdir Files

Second – write the batch file MAIL.BAT:
c:
cd
cd BELFRY
edit MAIL.BAT
The MSDOS EDIT utility will open. Then type:
@echo off
c:
cd
cd [path to where you put downloaded attachments]
(Save and exit)

Third, go to your control panel and select System. Use System to add **;C:\BELFRY** to the end of your path.

Next type:
mail
mkdir LogiCoCo
cd LogiCoCo
Assuming you have already placed PKUNZIP.EXE and LogiCoCo.zip into the directory MAIL.BAT points to type:
pkunzip ..\logicoco.zip
copy pkunzip.exe c:\belfry
LINSTALL
coco
Vcc

Vcc will boot up and **LogiCall** will automatically start. At the Drive? Prompt type **H** or F1 to see **LogiCall**'s HELP file.

When ever you are at the MSDOS prompt, typing coco <ENTER> you will be shown a **LogiCall** for CoCo menu to learn more about this ensemble..

Have a great day and enjoy **LogiCall.**

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