



# UpTime

The newsletter for:  
RS-DOS, OS9, OSK,  
CoCos, and 68xxx's.

Volume 2, Issue 3

November 1993

## Editorial

Oops! We goofed last month and printed September 1993 on the October 1993 issue. This also happened with the August 1993 issue. Both of these misprints is stamped on the back cover or the front page with the correct date. Unfortunately these errors made it to the printers before we noticed that the template had not been updated with the new text.

While we're tracking down bugs, I'd like to explain our current mailing schedule. Originally, UpTime was mailed at the beginning of the cover month (May 1st for the May issue) and it was assumed that most subscribers would receive their copy within a week, and usually this is the case. However, a few dealers have had problems getting their advertisements to us, which at worst had pushed the mailing of the magazine into the middle of the month. When this occurs, we try to "make up" for the lost time, but usually we cannot publish another issue for at least three weeks because of the same advertising deadline constraint. Most of our customers report that they receive the magazine about two days after it is mailed on average. However, since the magazine is not sent first class in an effort to keep the subscription rate as low as possible, there is no guarantee on the shipping time. You may be in a particular area that has slow third-class mailing times, and this coupled with a one or two week mailing delay on our end may be causing the late receipt of your issues. We guarantee that we will get the magazine out by at least the middle of the month of publication as a worst case, and you may wish to talk to your post office concerning any further delays. If you do not receive your issue by the end of the month, please let us know.

And this issue contains part I of the Atlanta Fest Report! Many new things are still happening in the community, and let me stress it is a great idea to try and attend these events as they work into your schedules. It is the one unique opportunity to meet the faces behind the names.

-Jordan Tsvetkoff

### In this issue...

Editorial . . . . .	1
Atlanta Fest Report . . .	2
Letters . . . . .	1
Orphanware . . . . .	10



# The Fest

## Letters

I believe the guest editorials I wanted to comment on were those of [Mr. Terry Simon's] from the Midwest Iowa Group. I was getting the impression that the demise of the CoCo had something to do with the machine itself. I'd like to take umbrage with that. The 6809 as a processor like its predecessor, the 6800, has not yet been pressed to its limits. That is point number one. Secondly, Radio Shack is and is not responsible for its demise. One, we have to thank Radio Shack for giving us an appliance 6809 machine. I don't consider the SWTPC or GIMIX machines appliance machines because they didn't do anything out of the box. the CoCo came up in Basic and you could walk into a store . . . and have some modicum of support. Thirdly, aside from the operating systems FLEX and OS-9, the only really class piece of software written for the 6809 was SUBLOGIC's *Flight Simulator II*. And a proof of such is that *Flight Simulator* was designed on the 6800 in 32K and the II version in 64K. So there is no doubt that the 6800 and 6809

can do things Big Blue machines can only do in 128K and up. So aside from its appliance value, what was the attraction? An appliance is only as good as its applicability. So what did it have besides potential that would attract people to it?

That was most of what I wished to complain about. The CoCo is still a potential machine. It was never pushed beyond its capabilities and its limits are still unrealized. Radio Shack did nothing to promote it. I was just fortunate once to go into a store who had a hacker working with Multi Vue, and I saw its potential. If I would never had seen it, I would never have cared to get OS-9 Level Two or Multi Vue. But the potentiality of an -09 Mac inflamed my mind with its portent. Had they had any imagination of known what they had, they could have put CoCo-Mac on the field and in every home as a true contender. Alas not. And opportunities not seen are opportunities wasted. But it is not too late. We can still do it. Macs are still expensive and Amigas are more than \$500 so the CoCo can be realized for less than that. It just has to be bundled with utility and usefulness.

Ray Baumiller, Jr., Everett, PA

# UpTime

Editor: Jordan Tsvetkoff

*UpTime* is published 12 times a year by **JWT Enterprises**, 5755 Lockwood Blvd., Youngstown, OH, 44512. Yearly subscription rates are \$15.00, or \$7.50 in two installments. Foreign orders (except Canada and Mexico) add \$7.00 postage. Copyright © 1993 by JWT Enterprises. Quotation not permitted. Material may not be reproduced in whole or in part in any form whatsoever without the express written permission of JWT Enterprises.

**Postmaster:** Send address changes to *UpTime*, **JWT Enterprises**, 5755 Lockwood Blvd., Youngstown, OH, 44512. **Readers:** Direct all subscription inquiries, payments, and changes of address to *UpTime Subscriptions*, **JWT Enterprises**, 5755 Lockwood Blvd., Youngstown, OH, 44512.

**Purpose:** To provide information about products, services, and activities relating to the **Tandy Color Computer** and **OSK/68xxx-based machines**.

**Submissions:** Submissions of any form can be sent to *UpTime Submissions*, **JWT Enterprises**, 5755 Lockwood Blvd., Youngstown, OH, 44512. Please note that article/editorial submissions are preferred, although short program listings will also be considered. If reimbursement is requested, please indicate in writing with the initial submission.

To order a subscription to *UpTime*, please send a U.S. check or money order for \$7.50 to:

**UpTime, JWT Enterprises**  
5755 Lockwood Blvd.  
Youngstown, OH 44512.

You will be billed for the second installment of \$7.50. Canadian orders, \$9.00 installments. Foreign orders, \$11.00 installments. Ohio residents add 6% sales tax.

# Atlanta Fest Report

1993 4th Annual Atlanta CoCoFest Report (October 2-3, Atlanta, Georgia) by Allen Huffman of Sub-Etha Software, 10/05/93

*NOTE: See previous reports for the disclaimer that normally goes here. If you don't have a previous report, they are available for the '91 and '92 Atlanta Fests, the '92 and '93 Chicago Fests, and the '93 Middle America Fest. This makes my sixth 'Fest report and I still make no claims to have anything correctly spelled or accurate.*

It seems like I could replicate this opening paragraph by simply cutting and pasting key sentences from my previous 'Fest reports. After all, the same general things remain true: support for our beloved computer system, the CoCo, continues years after it was discontinued from Radio Shack and even some time after its "last" publication, *The Rainbow*, ceased to exist. We are still seeing new products, we are still seeing new mini-publications, we are still seeing CoCoFests, and we (Sub-Etha) are still driving hundreds of miles to attend them... and the drives are not getting any shorter as the years go by. But instead of stating the now hopefully obvious (which, it seems, I just did), I'll use a bit of this space to comment on this year overall. This year I went by car to Des Moines, Chicago and now Atlanta all for gatherings. I hate to repeat myself, but all of this "lack" of support sure is taking its toll on my gas card bills. It has been a good year... for credit.

## THE DRIVE

Terry Todd (co-founding Sub-Etha partner) and I were going to try something different this time. We were going to try to arrive early. With this in mind, we planned to leave on Thursday afternoon instead of early Friday morning. I had to work that morning and wait for my paycheck to hit the bank. At noon I

departed to load up the Honda for it's 750+ mile journey to Atlanta, Georgia. Terry would meet me at my apartment where his incredibly well-packed "chest" of computer gear and a small bag of clothes would be loaded into my car. This was the first time anything that ever went to a 'Fest with me was so well packed. My gear, on the other hand, included "the box" which made up Sub-Etha Software, a box of all my CoCo equipment, monitor, case of disks, the PVC nightmare, a suitcase, laptop computer, camcorder, ice chest, and, well, you get the idea. It could be done. No problem. And it wasn't. Really. Sure, I couldn't see out the back window and sure, the car rode a bit lower to the ground, but hey, we had everything in it (except for our friend Tim Johns who was going to have to find his own way to Atlanta if he wanted to attend). So, at about 1pm we headed out from Lufkin, Texas on our all-day journey... needing to turn around only once to go back to the bank to pick up money for the trip. There was nothing very eventful this time. After four such roadtrips along I-20, even all the "Bridge May Ice in Cold Weather" signs don't seem to catch any attention. About the only thing that did catch our attention along the way was when we passed up a truck pulling a trailer which apparently contained "The World's Only Flying Car: It Drives, It Tows, It Flies"... and it was "Made in the U.S.A." With a flying car, you'd think they'd fly rather than drive. I suppose I should mention that, while I did see a number of diesels this time, none of them tried to make my sub-compact car more compact. Also, while there were no evil toll roads on I-20, traffic did come to a halt in Louisiana for a while for what I thought was a make-shift toll collection, but it turned out to be a mere mail-in "Monroe Metropolitan Area Transportation Study Travel Survey" survey about the roads and travel and stuff like that. Anyway, at about 3am-ish early Friday morning we arrived at the Holiday Inn Northlake where this year's event would once again be held. Their sign said "WELCOME COCOFEST".

# New Lower Prices! from ColorSystems

Quality OS-9 Software for the Color Computer 3 and the MM/1 from IMS

## Variations of Solitaire

Includes FIVE Variations, Pyramid, Klondike, Spider, Poker and Canfield. Complete documentation shows how to create your own games boot disk using the special menu program which is included.

CoCo3 Version \$29.95  
MM/1 Version \$39.95

**ColorSystems**  
P. O. Box 540  
Castle Hayne, NC 28429  
(919) 675-1706

Please add \$3 per item for shipping outside of the Continental United States.

## WPSHel

A Word Processing Oriented Point and Click Shell for all your word processing needs. Requires WindInt from your Multi-View Disk. Does not include Editor, Formatter or Spelling Checker.

CoCo3 Only! \$20.00

All CoCo3 Programs require at least 256K of memory.

Coming SOON! Indexed Files for OS-9 Level 2, OS-9/68000 and OS-9000!

## NEW!

### Using AWK With OS-9

A description of the AWK Programming Language with an emphasis on GNU AWK for OSK. Includes the latest version of GNU AWK.

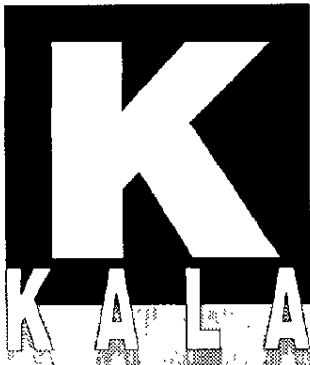
OSK Only! Just \$19.95

We accept Personal Checks or Money Orders drawn from US Banks or International Postal Money Orders. NC residents please add 6% Sales Tax. Call or write for a FREE catalog!

## OS-9 Game Pack

Includes FIVE complete games, Othello, Yahtzee, Minefield, KnightsBridge and Battleship. Includes special menu program and step by step instructions on creating your own games boot disk.

CoCo3 Version \$29.95  
MM/1 Version \$39.95



3801 brown bark drive  
greensboro, n.c. 27410  
u.s.a.

919/294-1558

hours  
8:00 a.m. — 7:00 p.m.  
technical support  
2:00 p.m. — 6:00 p.m.

All orders add \$3.00 S/H  
C.O.D. orders add an  
additional \$3.00

## UltiMusic® Library

Kala Software's **UltiMusic® Library** is a collection of Classis Rock, Soft Rock, New Age & Jazz arrangements.

**TRANSCRIBED SCORES:**  
The following scores are complete *"Off the Record"* arrangements. Every sound has been captured to the best of our ability and arranged in such a way that best duplicates the original score.

- THE BEATLES - Volume 1 ..... \$ 9.95
- THE BEATLES - Volume 2 ..... \$ 9.95
- THE BEATLES - Volume 3 ..... \$ 9.95
- THE BEATLES - Volume 4 ..... \$ 9.95
- BILLY JOEL - Volume 1 ..... \$ 9.95
- BILLY JOEL - Volume 2 ..... \$ 9.95
- THE WHO  
Double Disk Set ..... \$ 12.95
- LED ZEPPELIN - Volume 1 ..... \$ 9.95
- BLOOD SWEAT & TEARS - Volume 1 ..... \$ 9.95
- STEELY DAN - Volume 1 ..... \$ 9.95
- ROCK YOUR SYNTH - Volume 1 ..... \$ 9.95
- ROCK YOUR SYNTH - Volume 2 ..... \$ 9.95

**PIANO SCORES:**  
The following scores were arranged for 3 or 4 Channel MIDI keyboards. All arrangements were scored in the standard 2 or 3 stave format. However, each disk is **LOADED** with **GREAT** sounds.

- THE BEATLES - Volume 1 ..... \$ 12.95
- THE BEATLES - Volume 2 ..... \$ 12.95
- URI/ROCK - Volume 1 ..... \$ 12.95
- URI/ROCK - Volume 2 ..... \$ 12.95
- SERIAL TO MIDI CABLE ..... \$ 19.95



The Ultimate MIDI Music Notation Editor for the ColorComputer-3

\$54.95

UltiMusE-III and UltiMusE/K are the most complete MIDI Music Notation Editor for either the 512k ColorComputer-3 or the new OSK machines. Compose detailed music scores to simple piano runs or just mouse in your favorite sheet music score. The UltiMusE system is perfect for the novice music lover to the professional musician.  
*— It just doesn't get any better than this!*

\$149.95

The Ultimate MIDI Music Notation Editor for the MM/1 and OSK machines



**CBASIC Editor/Compiler**  
**The ULTIMATE Color Computer**  
**Basic Compiler!!!**

If you want to write fast machine language programs but you don't want to spend the next few years trying to write them in Assembly Language, then CBASIC is the answer!!!

CBASIC is the only fully integrated Basic Compiler and program editing system available for the Color Computer. It will allow you to take full advantage of all the capabilities available in your color computer without having to spend years trying to learn assembly language programming. CBASIC allows you to create, edit and convert programs from a language you are already familiar with Extended Disk Color Basic, into fast efficient machine language programs easily and quickly.

**"The most complete Editor/Compiler I have seen for the CoCo..." -The RAINBOW March 1988**

CBASIC is a powerful tool for the Beginner as well as the Advanced Basic or M.L. programmer. CBASIC features well over 150 compiled Basic Commands and Functions that fully support Disk Sequential and Direct access files, Tape, Printer and Screen I/O. CBASIC supports ALL the High and Low Resolution Graphics, Sound, Play and String Operations available in Enhanced Color Basic, including Graphics H/GET, H/PUT, PLAY and H/DRAW, all with 99% syntax compatibility.

Specify Coco 1, 2 or 3 Disk \$149.00

**DataPack III Plus V1.1**

**AUTOPILOT and AUTO-LOG Processors**  
**X-MODEM DIRECT DISK FILE TRANSFER**  
**VT-100 & VT-52 TERMINAL EMULATION**

- No lost data even at 2400 Baud on the Serial I/O port.
- 8 Selectable Display Formats, 32/40/64/80 columns
- ASCII & BINARY disk file transfer via XMODEM.
- Directly record receive data (Data Logging).
- VT-100 emulation for VAX, UNIX and other systems.
- VT-100/52 cursor keys, position, PF & Alt. Kbd. keys.
- Programmable Word Length, Parity, Stop Bits
- Complete Full and Half Duplex operation,
- Send full 128 character set from Keyboard.
- Complete Editor, Insert, Delete, Change or Add.
- 9 Variable length, Programmable Macro Key buffers.
- Programmable Printer rates from 110 to 9600 Baud.
- Send Files from the Buffer, Macro Key Buffers or Disk.
- Display on Screen or Print the contents of the Buffer.
- Freeze Display & Review information On line.
- Built in Command Menu (Help) Display.

Supports: Modem-Pak & Deluxe Pak or Serial Port  
 Specify Coco 1, 2, 3 Disk \$49.95

**EDT/ASM III**

EDT/ASM III is a Disk based co-resident Text Editor & Assembler. It is designed to take advantage of the new features of the COCO 3. It has 8 Display formats from 32/40/64/80 columns. The disk also contains a free standing ML Debug Monitor.

EDT/ASM III has the most powerful, easy to use Text Editor available in and Editor/Assembler package for the Color Computer.

- \* Local and Global string search and/or replace.
- \* Full Screen line editing.
- \* Load and Save standard ASCII formatted files.
- \* Block Mode & Copy, Insert, Delete, Overtyping.
- \* Create and Edit files larger than memory.

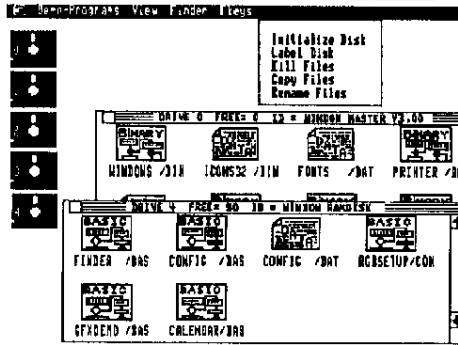
The Assembler features include:

- \* Conditional If/Then/Else assembly.
- \* Disk Library files up to 9 levels deep.
- \* Supports standard Motorola directives.
- \* Allows multiple values in FCB/FDB directives.
- \* Allows assembly from Buffer, Disk or both.

Specify Coco 1, 2 or 3 Disk \$59.95



**Window Master**  
**V3.0**



The Ultimate User Friendly Point & Click operating System for your Coco 3. Simple enough even for children to use, just point and click to run programs, select files, do disk or file maintenance or almost any



task you currently do by typing commands. You also get things like a print spooler, Programmable Function Keys, a Buffered Keyboard,

Ramdisk, Serial I/O port and Deluxe Pak support along with Windows, Icons, Buttons, Pull Down Menus, Edit Fields and Mouse functions all in one program. It has multiple fonts in 54 possible sizes and styles, Enhanced Basic Editing and much much more. It add over 50 commands and Functions to Basic to fully support the Point & Click System without OS9.

**"...it offers so many features that it is probably underpriced. I recommend this software to all CoCo3 owners." -The Rainbow February 1989**

It is completely compatible with existing Basic programs and takes absolutely no memory away from basic. It requires 1 Disk Drive, R.S. hires interface & Joystick or Mouse.

Includes 128 & 512K  
 Versions Only \$69.95



**"The Source"**

The SOURCE will allow you to easily and quickly Disassemble machine language programs directly from disk and generate beautiful, Assembler Source Code. And "The Source" has all the features and functions you are looking for in a Disassembler.

- \* Automatic Label generation.
- \* Allows specifying FCB, FCC and FDB areas.
- \* Disassembles programs directly from Disk.
- \* Automatically locates addresses.
- \* Output listing to the Printer, Screen or both
- \* Generates Assembler source directly to disk.
- \* Built in Hex/ASCII dump/display.
- \* 8 Selectable Display formats 32/40/60/80.
- \* Built in Disk Directory and Kill file commands.
- \* Menu display with single key commands.
- \* Written in Ultra fast machine language.

Specify Coco 1, 2 or 3 Disk \$49.95

**Window - Ware**

**Window Writer**- A point & click Word Processor, powerful formatting capability, works with any printer. On screen Italic, bold etc. WYSIWYG ..... \$59.95

**"Window Writer is a powerful word processor that is fun to use, very user friendly..... The Environment compares favorably to that of Microsoft Windows" - RAINBOW Dec. 1988**

**Window Writer/W**- for non WIM owners.....\$79.95

**Window Basic Compiler**-similar to CBASIC...\$99.00

**Window Ed/Asm**- A full featured Assembler...\$49.95

**Font/Icon Editors**- Basic & M.L. versions..... \$19.95

**Advanced Programmers Guide**- ..... \$24.95

**The Memory game**- Concentration game .....\$19.95

**Desk Accessory Pak**-7 resident programs .....\$39.95

**Deluxe Terminal V1.2**

**A New and Easy to use Terminal Program just for the Coco III.**

**Now with Y-Modem Batch Support**

With advanced features you would expect to find only in a Hi-Priced MS-Dos program. It has a 26 Entry Phone Directory with complete Configuration information for Communications and Automatic logon. Supports the Serial I/O Port up to 2400 baud, Deluxe & Modem Pak and the Disto Serial I/O board up to 9600 baud. It has a Full Screen Text Editor, X/Y Modem File transfers directly to or from disk, Split Screen Conference Mode, Macro Keys. Full Disk Support including Multifile Copy, Kill, Rename, Archive, Un-Archive and even Disk Initialize. Compatible with Ramdisks, RGB Dos and ADOS  
**Requires 128K, Disk & 80 col. display \$44.95**

**CoCo III Tool Kit**

**Disk Commands**      **File Commands**

- |  |  |
|--|--|
| <b>Backup, Initialize, Directory, Verify, Compare, Search, Edit, Erase, Speed Test, Rate Test, Gran Table, Analysis &amp; Repair</b> | <b>Archive, Copy, Kill, Rename, Erase, View, Edit, Print, Compare, Salvage, Search, Verify, Test Archive, Un-Archive, Xmodem Send/Rec.</b> |
|--|--|

**The Only Disk Utility & Repair Program your Coco will ever need!**

Coco Tools is a comprehensive disk utility program, providing the most complete set of functions available for the standard R.S. DOS disk system. Comparable in scope and functionality to that of the famous utility available for MS-DOS computers "PC-TOOLS"!

Coco Tools is also the most Comprehensive Disk Repair program available, it Automatically diagnosis and repairs file allocation errors, locates corrupt directory information and cross linked files. It provides fast and easy recovery of deleted files without the drudgery normally associated with killed file recovery.  
**Requires 128K, Disk & 80 col. display \$49.95**

**This Months Specials**

**Savings Up To 35%**

The Source Disassembler..... \$39.95  
 CBASIC for Coco III.....\$119.95  
 Editor/Assembler.....\$49.95  
 Window Master & Desk Acc Pak.....\$69.95

**VISA, MASTERCARD or COD**

**Call Toll Free 1-800-383-8529**

(Monday thru Saturday, 8am to 5pm PST).

To order by mail, send check or money order for the amount of the program plus \$4.00 for shipping to:

**Cer-Comp Ltd.**  
**5566 Ricochet Avenue**  
**Las Vegas, NV 89110**  
**702-452-0632**

## THE ARRIVAL

It was early. Too early. The hotel's computer was "down" doing audits so they had no record of our reservations which, we were told, wouldn't appear until later in the day anyway. We just wanted a room. After some negotiations, we were able to get the clerk to tell us which rooms on the first floor we could get. We had the choice of three, and found one reasonable near the outside door and 'Fest area - a first for us. I guess it *does* make a difference when you gripe a bit. We'll try that next year for Chicago so we don't end up lugging computer equipment three miles back and forth between show area and room. Of course, if we hadn't have griped, we'd have ended up paying \$57 for a room we didn't have a key to and that we would only get for about 6 hours before checkout. We loaded everything into the room and set up our systems to make the usual last minute changes to our new software that

would debut the next day. After everything was unpacked and plugged up, we received a phone call saying that someone else had that room reserved and that we might have to leave it later on in the day. We didn't take this well, especially after being told numerous times that there was "no way" to reserve a certain room in this hotel. It did all end up okay, and we later found out the person who had been scheduled to have our room was with the 'Fest and had requested two rooms side-by-side. Hopefully he's not upset at us for ruining his plans. At about 6:30am Terry and I decided to get some sleep and, a few hours after snoozing, we were woken up by a 9:25am phone call and then Tim Johns was pounding at our door. Tim had managed to rent a car and made the way to the hotel. It was great to see him, but he refused to let us get back to sleep. Our day began earlier than planned. (Thanks a lot, Tim...) At least breakfast at the IHOP

was enjoyable...even though I had to pay for Tim.

## THE PRE-SHOW

Our main goal was to get rested up and then we would be wide awake when people came dragging into the hotel tired (like we usually are each year) and laugh at them. And, sure enough, later on that evening people did begin to arrive. The first person we saw was Al Dages. Since no one else was around, we helped him unload all of his gear. Maybe there are some advantages to not being early after all? With that done, it was time to "hang out" in the lobby. At about 4:30pm I saw Frank Swygert, Boisy Pitre and James Jones mulling around. Scott Griepentrog and Eddie Kuns made it and had a nice story to tell about Eddie's MM/1 "dying" during the trip - while Eddie was using a terminal to program on it in the dark by using an AC dimmer and an auto-light. I even noticed that Joel Hegberg (Sub-

### UPGRADE Disk Magazine! From: Mid Iowa & Country CoCo Now in its eighth year! There is a national Disk magazine!

With the UPGRADE National Diskmagazine, we've grown to be one of the largest CoCo outreaches! I can say that firmly by the response from our members in over 40 states and 5 provinces of Canada, with others in Australia & England, we expect to be around for a long, long time.

#### The "UPGRADE" Disk Magazine:

- Does not support OSK, or Computers not compatible to CoCo. That we leave to those more qualified.
- Is not hard copy though it can dump to your printer.
- Displays first rate 16 color H2 graphics, with articles
- Does keep you informed with news from around the country.
- Including ads and recommendations of better dealers.
- Does have OS-9 articles concerning the CoCo. We've just started an excellent Level II tutorial series.
- Does have Basic program technique article & tutorials.
- Does carry a full variety of in-depth articles and reviews.
- Recently adding "Marty's Memos" column by Marty Goodman!
- Carries tips on where to buy printers, drives, & hardware.

This is a News disk, not a software disk. Our "Mid Iowa & Country CoCo" library is available where ever you are. You can select from the Best available public domain, shareware, and orphanware for a filing & backup fee of \$3.00 per disk. Plus a Christian software sub-chapter.

Join and be a part of those who write: "Here's my renewal, I don't want to miss as issue!" Let just \$16 keep you in touch.

#### Your UPGRADE subscription includes:

- 1-year membership in MI&CC and
- UPGRADE Diskmagazine subscription (Req: 128K CC3, w/1 drive, RGB or TV) \$16.00 US • \$21 Canada • \$31 Foreign Air

Say, "I saw it in **UpTime**" and receive,,  
an UPGRADE Disk plus added bonus disk via return mail!

Terry Simons (MI&CC Treas.), 1328 48th St.  
Des Moines, IA 50311 (515) 279-2576 after 8:00 PM  
Include your Phone & System information

# JWT Enterprises

#### Optimize Utility Set 1:

- Optimize your floppies and hard drives quickly and easily! • Includes utility to check file and directory fragmentation
- Works alone or with Burke & Burke backup utility • One step optimization for any Level 2 OS-9 system.

\$29.95; Foreign Postage, add \$3.00

#### Optimize Utility Set 2:

- Check and correct any disk's file and directory structures without any technical number-jumbo
- Run periodically to maintain the integrity of your disks as well as the reliability of your data
- Especially useful before optimizing your disks

\$19.95; Foreign Postage, add \$3.00

#### Optimize Utility Set Pack:

- Get both packages together and save!

\$39.95; Foreign Postage, add \$4.00

Optimize  
UPTime  
NINE  
TIMES  
Independent program  
submissions welcome!

#### UpTime:

A monthly magazine for CoCo's and OSK machines.  
In each issue:  
• Find out about new products and upgrades for your favorite computers  
• Learn about what new technical breakthroughs are on the horizon  
• Discover what programs really can do and what they cannot.  
• Published monthly in newsletter format  
One Year Subscription, two installments of \$7.50,  
Canadian Orders, two installments of \$9.00, Foreign Orders, 2 X \$11.00  
Can also be paid in one installment

#### Back Issues:

From September 1992. Limited supplies.  
\$1.50 each, Foreign Orders, add \$1.25 each  
Bulk orders of six or more, \$1.25 each, Foreign Orders add \$1.00 each

#### Nine Times:

The bi-monthly disk magazine for OS-9 Level 2  
In each issue:  
• Helpful and useful programs  
• C and Basic9 programming examples  
• Tips, Help columns, and informative articles  
• All graphic/joystick interface  
• Can be used with a hard disk or ram disk  
One Year Subscription, \$34.95;  
Canadian Orders, add \$1.00; Foreign Orders, add \$8.00

#### Back Issues:

From May 1991. Write for back issue contents  
\$7.00 each, Foreign Orders, add \$2.00 each  
Bulk orders of six or more, \$5.00 each; Foreign Orders, add \$1.50 each

#### Magazine Source:

Full Basic9 code and documentation for the presentation shell used  
with Nine Times  
\$25.95, Foreign Orders, add \$5.00

Technical Assistance & Inquiries  
(515) 758-7804

JWT Enterprises  
5755 Lockwood Blvd  
Youngstown, OH 44512



Foreign postage excludes U.S. Territories and Canada.  
These products for OS-9 Level 2 on the CoCo 3. Sorry, no C.O.D.'s or credit cards; Foreign & Canadian orders, please use U.S. money orders. U.S. checks, allow 4 weeks for receipt of order. Ohio residents, please add 6% sales tax.

Copyright © 1992 OS-9 is a trademark of Microvare Systems Corp. and Motorola, Inc.

EthaOSK division) and Carl Boll (who is a great guy) from Chicago pull up, then drive off... It turns out they would be back after they picked up Tony DiStefano from the airport. Knowing that Tony would be at this show was a very positive sign of an interesting time - this would be his first 'Fest "down South". Things were falling into place. Since we were so early, the show area was not even open for vendor setup yet. All we could do was go have some fun and food...so we did. A group of us headed across the street to the traditional Gyro sandwich shop for, you guessed it, Gyros and sandwiches. Then it was back to the hotel, where people were continuing to arrive. Nick Johnson arrived which further made our day.

### THE SHOW AREA

Later in the evening the show area was opened for vendor setup. The location was the same as all previous Atlanta Fests, and it was setup as shown by the map.

This gave us 23 booths, a few less than last year but several vendors were there representing those who could not make it such as StrongWare, Sundog, etc. The vendors (in no particular order) were:

**1. Adventure Survivors** - All the way from Peachtree City, Georgia, this couple once again "survived" the long trip. Terry and I both renewed our subscriptions to their gaming newsletter. For six bucks a year, why not? (Hello there, L.E. Padgett! Did I spell it right? No wonder I can't remember his name... I don't know it! Just some initials I learned at this show...)

**2. Color Systems** - Zack Sessions showed off OS-9 games such as battleship and various card game paks for the CoCo 3 and MM/1, along with WPSHELL (word processor oriented shell) and some future MM/1 products. The "I ♥ My CoCo" bumper stickers were also available.

**3. Northern Xposure** - A collection of Canadian vendors were represented such as Gale Force Enterprises, Bob Van der Poel Software, Vulcan Alumni Software, Radical Electronics (circuit board CAD w/ postscript output), Oblique Triad,

Canaware, Hartsoft (?), Monarch Software, and Intelligent Algorithms. Of special interest was Alan Dekok's latest creation: Smash! This was a breakout-type game with 30+ levels (you can make your own), multiple balls, and *HIGH SPEED* action with sound. It ran smoothly under OS-9 and had to be one of the best OS-9 games I've ever seen. Fully commented source code is available which includes his sprite library! Colin McCay seemed to be "in charge" here <grin>, and did a great job with the Canadian map on the back with markers representing where all the companies were from. He mentioned wanting to bring a world map down and let people put pins in where they were from. This seems like a good idea and I hope Colin brings a map with him to Chicago (if they make it, eh?).

**4. Blackhawk Enterprises** - Bill Wittman (an IMS rep) was manning this booth representing IMS and showing off his new GCal graphical calendar for the MM/1 (which looked neat!). MM/1 accelerator boards were being hand delivered by Kevin Pease (designer) and deposits were being taken for the new memory boards.

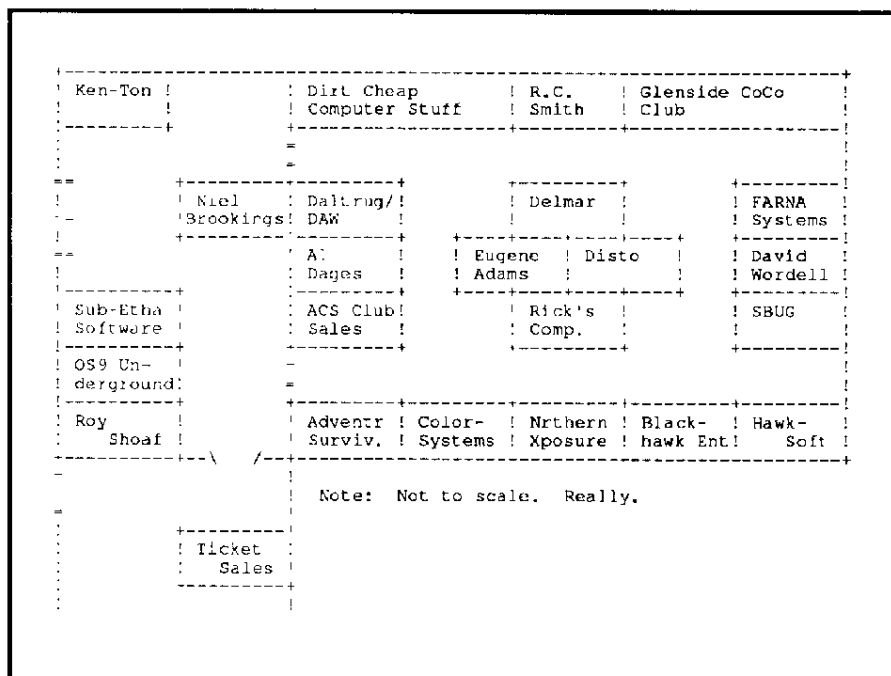
**5. Hawksoft** - Chris Hawks and his wife, Nancy, made their 20th 'Fest appearance at this show. His latest creation was GNOP, a pong(tm)-type game for

the MM/1. You'd have to see it to believe it - the ball stays perfectly still while a small screen with paddle bounces around. Very bizarre, and it won him the \$1 grand prize in the contest. Other MM/1 goodies of interest were his Sound editor and Digital Clock. Chris and Nancy spent much of the show time in Star Trek: TNG uniforms. They looked very good and it turns out Nancy made them.

**6. S-BUG** - Andre Lavelle once again had gobs of goodies, including 85-meg SCSI Quantum drives, tons of cables, good ROM-paks, etc.

**7. OS-9 User's Group** - Carl Boll took memberships and handed out MOTDs for the newly reformed group. Carl is now the president of the group. More on this later.

**8. FARNA Systems** - Frank Swygert was another Georgian who showed up. He represented C. Dekker's fine OS-9 products such as the easy-to-use CoCoTop, a graphical desktop file manager/utility, and also some Australian wares such as the Rascan digitizer (the "Digiscan", a much smaller version than the version previously sold by Game Point) and a new audio sampler with great graphics. Of course, subscriptions were taken for 268'm (the world of '68 micros) and back issues (both of them) were available. The most interesting offering would have to be "Tandy's Little



Wonder", a complete book on CoCo history including schematics, hacks, and lore. FARNA was also representing Spectro Systems' ADOS. Plus more, like a new audio sampler.

**9. Glenside CoCo Club** - A lot of free software was to be had with membership to this Chicago area club (which sponsors the CoCoFests there each year). A supply of shirts from the previous Chicago Fest were also available. Their point-of-sale system ran two terminals from the master CoCo. Glenside remains the national support group for CoCo users after going national three years back. Their COCO-123 newsletter is a great source of information, and you get four great RS-DOS and OS-9 disks free when joining. Being a member also gives you SAMS Club access.

**10. R.C. Smith** - R.C. is always around with "gently used" goodies.

**11. Dirt Cheap Computer Stuff Company** - Mark Griffith and Bill Dickhaus made the scene again. Mark was taking subscriptions for his "Metamorphosis" magazine (yes, that's the new name for "No Name") as well as selling 14.4 Class 2 external fax modems for \$139 (!) and external CD-ROM drives for the MM/1 for just \$199. Really "dirt cheap" deals. Bill had his IX offline readers for CIS and Delphi, and there was a gadget designer (buttons, sliders, knobs, etc.) for the MM/1 (by Paul Fitch) that helped create control screens on the MM/1. Also on display was Brian White's SpeedDisk optimizer for OSK which, on the MM/1, had a moving screen that looked just like Norton's SD on the PCs.

**12. Dalrug & Daw Training** - David Wordell and Lee Veal (from Texas) were there as well. David had his "Installing the 6309" and "Beginning OS-9" video tapes (a great way to learn) and Lee had the Planet Engine OS-9 planetarium and also some Planet Engine jewelry in the shape of stars, the moon, Earth, etc. A CoCo 3 CAD package is in the works.

**13. AlDages** - "Guaranteed" used CoCos, Cases, and drives galore. And peanuts. His goal was to "make everybody happy"! I think he succeeds.

**14. ACS Club Sales** - More

hardware/software offerings from the host club of this event.

**15. Delmar** - Ed demonstrated the new G-Windows based System V, which had very high-speed VGA graphics. This system runs a 68020 at 25 MHz or 33 MHz and soars. Also shown briefly was G-Windows fax software (under development) with a full screen viewer for incoming faxes. There is an MM/1 version in the works, too, seeing that the G-Windows was a port done from that code. Unfortunately, those red foam rubber hammers made the show again causing many attendees to get "hammer happy".

**16. Eugene Adams** - More good deals on good hardware.

**17. Disto** - Tony DiStefano made his first 'Fest "down South" with 2-meg upgrade boards, Super Controller IIs, and 4-n-1 boards. Tony seemed very happy to be with us and we were all happy to have someone who has made such an impact with our history. Most of his Disto line was available in working and non-working form and he has made new runs of several items.

**18. Rick's Computer Enterprises** - Rick had his normal selection of disk magazines and goodies, as well as representing Sundog Systems' great games - selling for the amazingly low price of \$18 (and even discounts for multiple purchases)!

**19. Niel Brookings** - Niel and Dave Halko showed off a "hyper-text" type utility which was currently geared for searching various full-text bibles on disk. The program would find (on his MM/1) nearly 6000 occurrences of a word in a split second. When demonstrated off of floppy the program was almost as fast! Any type of text could be made searchable through his program and a CoCo OS-9 version is coming up "real soon now". The system could be used to search encyclopedia text, or even made to use information on CD-ROMs. The system will evolve depending on user response. If you would like to see advanced text searching software, you might want to invest the \$20 for this program and show the author that we could use something like this!

**20. Sub-Etha Software** - Ah, now I get biased. This year we actually had new CoCo products! Imagine that. First was a graphics adventure of last year's Atlanta 'Fest with 60+ rooms with digitized 16-level images. Next was Towel, an OS-9 disk utility which runs under the new EthaWin interface with pull-down menus and mouse support all on a high-speed text screen. MultiBoot (up to 16 bootfiles on one startup disk) was also available and Terry's latest creation, the OS-9 Terminal Emulator, made an appearance. Using the emulator, we had Terry's RS-DOS based CoCo hooked to mine using his 4-pin serial port and we were able to run applications such as EthaDemo, MiniBanners, etc., over the serial cable with overlay windows, screen codes, etc., all intact. Joel Hegberg had Write-Right and EthaGUI for the MM/1 with a free "disktop" calculator (on disk, of course) to give away. We also represented JWT (UpTime back issues and subscriptions) and StrongWare (GEMS, Soviet Bloc, MM/1 tools).

**21. Fat Cat Publishers** - The International OS-9 Underground was represented by Scott Griepentrog (Steve Secord was unable to attend) selling back issues and taking subscriptions.

**22. Roy Shoaf** - Roy had a table of various goodies he has collected including disk drives, cases, printers, etc., collected from various sources. I almost picked up a color plotter for \$5.

**23. Ken-Ton** - Not listed in the 'Fest booklet, this was apparently a late entry. Joe Scinta showed up with the Ken-Ton SCSI hard drive interface and RGB-DOS. Folks, this is the BEST hard drive setup I have ever seen for the CoCo. You could link up to eight SCSI devices together using his \$89 interface. It allows RS-DOS and OS-9 to exist on the same drive with great compatibility, and even supports floptical drives! He had an all-in-one drive which was in a slick small case and looked fantastic. Unfortunately, the complete 80 meg setup was \$499 (on sale until December 31) and I didn't have any money. During the show Joe showed off the tons of RS-DOS software he had running on his drive including applications, old games, you name it! All

**QUALITY SOFTWARE  
AT  
DOWN TO EARTH PRICES**

#GS01-Pensave Graphic System V1.0  
Pen.Bas-Pensave.Bas-Color.Bas-Comx Bas-Plus  
graphic files: House.Dat-Harvey.Dat-Bearlee.Dat-  
Terry.Dat-Tscene.Dat

#GF01 - Graphics Disk  
Penload BAs-SRcolor.Bas-Plus graphic files:  
J3cub DAI-Jtoo.Dat-A1 Dat-A1too Dat-  
Twontree.Dat-PA1921.Dat-Dogsday Dat-C7bullet.  
Dat-Sunrise.Dat

Req: 128k Coco III & Disk Drive \$3.95 + \$1.00  
S/H per disk Ck. or Money Order. MO residents  
add 4.275% Sales Tax

**SOUTHERN MISSOURI SOFTWARES**  
HCR 7, Box 218  
Doniphan, MO 63935  
(314) 255-3722

**CoCo Products**

<b>1CON BASIC09</b>	<b>\$20.00</b>
Program in Basic09 with icons!	
<b>H1 &amp; L0 RES JOYSTICK ADAPTER</b>	<b>\$27.00</b>
High or Low resolution at the flip of a switch!	
<b>DUAL H1 RES JOYSTICK ADAPTER</b>	<b>\$40.00</b>
High (RS or Colorware) or Low resolution!	
<b>HAWKSoft KEYBOARD CABLE</b>	<b>\$25.00</b>
5 foot keyboard extension cable!	
<b>MUDOS</b>	<b>\$15.00</b>
The commands Tandy left out. Supports RS Speech Pak!	

**MM/I PRODUCTS**

<b>1CON BASIC/68000</b>	<b>\$25.00</b>
Program Microware basic with icons!	
<b>SOUND v1.2</b>	<b>\$20.00</b>
Record, Play, and Edit sound files thru the sound port!	
<b>MM/I SOUND CABLE</b>	<b>\$10.00</b>
Connects sound port to stereo equipment.	
<b>KLOCK</b>	<b>\$10.00</b>
Continuous on screen digital clock display!	

Please note our new address:



**HAWKSoft**

244 S RANDALL ROAD SUITE #172  
BERLIN, ILL 60123  
(708) 742-3084 eves and ends

US & CDN S&H always included. Terms: MO, check, or COD in US funds

Uptime Readers...

**DO GET  
DOWN TO THE  
UNDERGROUND!**

**The "International"  
OS9 Underground  
Magazine**

**\$18.00/Year (12 Issues) U.S.  
(\$23 Canada, \$27 overseas)  
4650 Cahuenga Blvd., Ste 7  
Toluca Lake, CA 91602  
(818) 761-4135  
Write or call for info**



running with NO compatibility problems. Truly amazing. He also had a MIDI equipped guitar out for awhile and it turns out he's quite a good guitarist. (He knows many Beatles songs, which is a "good thing"! ) Joe wants to point out that they are still in business, and will continue to be so as long as things sell. He is committed to attending the next Chicago show and will be bringing along some goodies we have never seen. Rumors of his voice-mail prototypes and other really high-end devices which never made it to production circulated during the show. Joe, we'll see you there! (Can you believe no one knew how to get in touch with this guy? I had no idea! By next 'Fest I plan to have a Ken-Ton SCSI drive setup...)

### **THE SEMINARS**

Once again, I missed all the seminars. There just aren't enough hours in the day for all of this free information, I guess.

#### *Saturday:*

- 11am - "Putting a Disk Magazine Together" Rick Cooper
- 1pm - "Tandy's Little Wonder" Frank Swygart/FARNA Systems
- 2pm - "C Programming" Bob Van der Poel
- 3pm - "OS-9, etc." Alan Dekok
- 4pm - "G-Windows, OSK" Ed Gresick
- 6pm - "OS-9 User's Group Meeting" - discussed later.

#### *Sunday:*

- 10am - "OS-9, etc." Allen Huffman (I overslept and missed this one. . .)
- 11am - "to be announced" Tony Podraza (Glenside CoCo Club president)
- 1pm - "How to move OS-9 from hackers to users" Mark Griffith

### **FOOD**

On Sunday, ACS provided us with muffins and hot coffee! Ah, this is what makes these trips all worth it! Many had the breakfast bar in the hotel, and others went to local restaurants. There are many food places around the 'Fest area ranging from McDonald's to Red Lobster.

### **THE EVENINGS**

The key to being popular at a 'Fest is to keep your door open. Terry suggested this last year and it has been working for us. At one point on Friday we had about 20 people in our room including Boisy Piire, James Jones, and Bob Van der Poel. Just about everyone stopped by as we gathered around computers, kicked back and discussed David Letterman, and even drank some of Paul Jerkatis' home-brew. There was something for everyone, and the information and friendship shared after-hours was amazing.

### **TONY GOES TO THE MOUNTAIN**

The plan this year was to make sure we got to see the Stone Mountain laser show. Period. Word was spread that we would be getting a group together to trek out and see it. Tony DiStefano found me in the hall and asked about the show. Since he had flown in and been picked up at the airport, we eagerly offered him a ride. So, this in mind, after 7pm Saturday several vehicles headed out to the show, about 15 minutes away. It was \$5 to get in and Tony paid our way. Gee, what a nice guy! We parked and found us a spot on the mountain and waited. Hundreds of people lined the massive hill facing a giant mountain side which had several figures on horseback carved into it. It was an awesomesight. Before the show began, I made a trek down the mountain to the control room to ask the guy some questions about their equipment. He didn't have much time to talk but said I could invite the group down after the show. So, we watched the 1994 laser show. It was amazing. Full color lasers and fireworks were used to enhance the 40 minute presentation. It was like watching a giant psychedelic cartoon with great music. All during the show, the coldness in the air made us comment about it while all Tony could say was that it was "beach weather". After the show, everyone left going up the mountain and we made our way down through the crowd. The operator, Shane, let us in on the "secrets" of the show. For instance, it is run by dedicated Z-80 (chip in the TRS-80 Model I/III/4 computers) boards with each show taking up nearly 9 megs

of ROM code. The entire show was made from only a few lasers (85 watts of power) and they had ways to shift the phase (or something) to change the color of the beams. Truly amazing. He showed us the power of the lasers by "burning" the end of a wooden stick in the 900 degree beam. Next year ACS may plan to have a bus to take people to the laser show, and perhaps we can even arrange some inside tours of the control room. (Go for it, Ken and Al!) After this, we went back to the hotel, couldn't find anyone, and decided to go eat. At Pizza Hut, we sat around with Tony and had a wonderful time. Tony has a great sense of humor (for a Canadian) and only got slightly annoyed by Nick Johnson using the word "spatula" over and over again.

### **SUMMARY**

'Fest comments ranged from "good" to "amazing". This show had a good vendor turnout but attendance was small (under 100). The show was still exciting since there was so much new stuff to see and many people who had never been to an Atlanta show made it. The lack of attendance was probably more from the fact that show publicity started only two months before the show rather than six or more. As it was our seventh show, we had finally gotten things down and got to spend more time socializing than hacking in our hotel rooms. There was so much going on after hours that it would take another report to cover that - and I encourage others to write their own reports since I'd love to know what was going on down the hall on Saturday night!

*To be continued next month.*

*- Allen C. Huffman*

Co-Owner, Sub-Etha Software,  
COCO-SYSOP on GENIE, COCO-  
SYSOP@GENIE.GEIS.COM on  
Internet, or P.O. Box 152442,  
Lufkin, TX 75915 / (815) 748-6638  
(Joel's voice mail number)



## Orphanware

*Public Domain Software* is software placed in use for the public by the author via a friend (with permission to pass it on), placed on a BBS for download by the public, or published in a magazine purchased by the public".

While exact opinions "vary widely", it takes some sort of a real stretch of the imagination to say the author can control rights to something given out in such a public manner. Of course, this should not be construed to deny sales of any recent monthly magazine software disks. You may argue the fine points of what someone else thinks the law means if you wish. We at MID simply try to take a common sense approach.

*Shareware* is software is given publicly with a request by the author to

pass it on and a request that you send the author a small fee "if you find it useful". *STAR-KITS Dictionary* is one example. There is some accuracy to the estimate: for every 20 to 30 people who use a good piece of Shareware, "one" has the gumption or self worth to pay the small fee asked.

What is *ORPHANEWARE*? Every computer has companies who develop good software, and for one reason or another, discontinue marketing it. This on the one hand is copyrighted commercial software. On the other hand, it is not (in a practical sense) available for you to buy even if you wanted to pay for it. In that sense, the copies in use have become "orphaned from their producer". *Worksaver+* is one of the best examples. The author dropped out of sight four years ago. Yet it remains "the best" programmer's aid available on the

CoCo.

While some like to argue legal fine points, I prefer to simply look at the "intent and purpose" of copyright, which is to assure authors the opportunity to receive reward for their effort in inventing and/or producing a new innovation for the benefit of their fellow man. While it could be construed that way, I don't believe copyright was intended as a means to "withhold something from everyone, like a dog who doesn't want his bone and buries it."

Many software producers have given up on the CoCo market. Would you like to buy *Berserk* from *MarkData Software*? Would you like to buy *Ladybug* from *Computerware* (California)? Well to my knowledge you can't. Maybe if I spent the time to go through old magazines I could come up with a P.O. Box that *might* be there

## INTRODUCING CoCoTop

A desktop program for OS9 level 2.

Now it has become much easier to use OS9 on your CoCo. Most of the functions that you carry out by typing command lines (at the OS9: prompt) have been built into this program that sports some 60 functions in a text based point and click interface.

If you have to copy or delete a file, for example, you no longer have to type a filename or a pathlist but you highlight it's name on the screen with your mouse or joystick, press a button and watch your coco do the work.

**Christmas sale:**

**any two packages: 20% off total  
3 packages or more: 40% off**

To get a review copy of level II graphics send \$5 (+\$3 S/H). This amount will be credited when you purchase the complete package.

RScopy/OScopy - transfer files from OS9 disks to RSDOS disks and vice versa WITHOUT loading special device drivers. To get this pair of programs send \$10 (+\$3 S/H).

There are also a number of functions you will not find in standard OS9: a "safe" format where you can recover the old data on your disk along with an unformat command. For files: undelete, move, a file finder and overwrite capabilities for the copy command. For directories you will find sorting of contents and you can move a directory to a different spot in the tree if you wish.

There are functions to track your system: configuration and changing device descriptors for disk and printer. Maps of how your computer uses it's memory and disk space. CoCoTop can set up windows for you and launch other programs. It even has a menu where you can link your favorite programs

to it. Of course it also has a calculator and notepad built in.

For people who have problems with OS9's disk structure the good news is that the program presents that directory structure as a series of point and click menus: keeping track of where you are and where you can go safely. It also displays the pathlists used so you can learn as you go along.

Requires 512K coco. There are 2 versions of CoCoTop: version 1.0 is the complete package version 1.1 is for people who already have purchased TOOLS 3 since CoCoTop uses some of TOOLS 3's utilities.

Prices: version 1.0 \$24.95 version 1.1 \$19.95  
version 1.1+TOOLS 3(v1.1): \$34.95

TOOLS 3 version 1.1 \$29.95  
Quickletter version 2.0 \$19.95  
Accounting level 2 \$34.95  
Investing level 2 \$24.95  
Level II graphics \$34.95  
upgrades \$5.00

C. Dekker  
RR #4 Centreville NB  
EOJ 1H0 Canada  
(506) 276-4841

shipping+handling: US/Canada \$3.00 all others \$5.00  
Prices in US dollars Send cheque or money order NO COD'S  
For Canadian dollar prices: call

Burke & Burke

P.O. Box 733 Maple Valley, WA 98038  
 ORDER DESK & TECHNICAL ASSISTANCE  
 (206) 432-1814



WA RESIDENTS ADD 8.2% SALES TAX. MC & VISA accepted. U.S. COD's add \$3.75. Min. shipping \$4.00 US, \$5.00 to Canada. Please allow 2 weeks for delivery. Overnight or 2nd day available for in-stock items. Software upgrades \$5.00 each w/receipt including U.S. shipping. Call / write for free catalog!

*The Rocket*

...Color Computer Replacement CPU

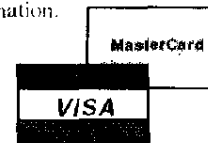
**ROCKET-CPU (OK kit + OS-9/68K) \$195**  
**ROCKET-2MB (2Meg kit + OS9/68K) \$295**  
**Need More Power? Ride The Rocket!**

Imagine turning your CoCo 3 into a blazing fast 68000 computer with OS-9/68K, without giving up your existing floppy disk drives and other peripherals. That's what you can do with The Rocket from Burke & Burke. But there's a catch.

The Rocket plugs into your CoCo's 6809 microprocessor socket, replacing the old 2 MHz 8-bit processor with a 14 MHz 16-bit 68306. Up to 8 megabytes of on-board 16-bit memory, a 32K boot ROM, built in 6309 emulation software, OS-9/68K, and a windowing system you'll recognize from OS-9 Level 2, make The Rocket a powerful answer to the quest for the CoCo 4. If that isn't enough, the flip of a switch enables The Rocket's on-board 6809 or 6309 CPU for true CoCo 3 compatibility.

What's the catch? To build The Rocket cost-effectively, we need at least 100 orders (at this writing, we've received the first twenty). We also have to leave out the OS-9/68K C compiler, BASIC-09, and a few other frills.

If you're interested in The Rocket, please place an advance order for either the ROCKET-CPU or the ROCKET-2MB before July 30, 1993 for shipment 10/93. As always, no check will be cashed or card charged until we actually ship The Rocket to you. If we don't get enough interest, we'll cancel the project and return your check. Call or write for more information.



**CoCo-XT Hard Disk Interfaces**

Hundreds of Color Computer enthusiasts in the US, Canada, Europe, South America, and Australia love our affordable high-performance hard disk interfaces! Look at these features:

*NO HALT • 1 or 2 hard drives • 30% faster than SASI • Uses PC-type hard disk drives & MFM/RLL controllers • 5 Meg to 120 Meg per drive • Does not use interrupts • Multi-PAK recommended • Works with 12 Volt Y-cables • Includes EZGen boot file editor for easy installation*

Each interface includes a user manual and software for use with HYPER-I/O or OS-9. The CoCo XT hard disk interface is \$69.95. The CoCo XT RTC model, \$99.95, adds a battery powered real time clock / calendar for OS9 and BASIC.

**Native Mode for \$34.95!**

Burke & Burke's \$34.95 PowerBoost kit replaces your CoCo's 6809 with a high-performance Hitachi HD63B09E microprocessor. PowerBoost comes with our exclusive "tuncup" program, which uses the HD63B09E's advanced instructions to speed up many OS9 operations by an average of 40%. PowerBoost now includes software to run the 63B09E microprocessor in Native Mode for a 10% average speed increase over previous versions. Our implementation of Native Mode updates only the REL, BOOT, OS9P1, OS9P2, and CC3DISK modules; other modules require no modification.

*POWERBOOST (INCLUDES HD63B09E MICROPROCESSOR) \$34.95. POWERBOOST (SOFTWARE ONLY) \$24.95*

XT-ROM - allows OS-9 startup from CoCo XT hard disk	\$19.95
THEXDER-OS9 (requires THEXDER cartridge)	\$29.95
PERTASCH - OS-9 Multi-User & BBS word game	\$19.95
OS9 World Class Chess (requires CYRUS cartridge)	\$29.95
File System Repack - OS-9 graphical disk defragmenter	\$29.95
File Recovery System - Helps recover damaged OS-9 disks	\$24.95
EZGEN - Fast OS-9 boot file editor (uses RAMDisk work files)	\$19.95
WILD & MV - OS-9 wildcard and file moving utilities	\$19.95
ZCLOCK - Continuous date / time on Level 2 OS-9 windows	\$9.95
RSB - Complete CoCo BASIC, for OS-9 (requires DECB ROM)	\$39.95
<i>OS-9 is a trademark of Microware Systems Corp. and Motorola</i>	
Daggorpatch for RS-DOS (requires DAGGORATH cartridge)	\$9.95
HYPER-I/O - Use 720K floppy disks, hard disk from BASIC	\$24.95

**2nd Edition of**

**"The 6309 Book", \$29.95**

Learn about new 6309 instructions and address modes. Includes OS-9 assembler, disassembler, and debug patches.

**SCSI-512 Drivers, \$29.95**

Use SCSI hard drives with 512-byte sectors. For DISTO 4 in 1 and HDISK, OS-9 only.

MC68B09E 2MHz uP	\$14.95
HD63B09E 2MHz uP	\$19.95
27128 EPROM (Blank)	\$9.95

to receive your money. They didn't really want local dealers when they advertised, and I'm not about to try now.

We expect to make "Orphanware" available to our membership with a common sense that respects both the selling producers and the CoCo supporter: We shall include no software that can be found marketed by its producer or author via store or current (within 6 month) magazine or other ad, nor software when any viable attempt to sell is being made by author. Orphanware shall "not be sold" but be placed on library diskettes at the current library disk rate. Our charge is for the "time spent" gathering, cataloging, drive wear, and time spent backing hundreds of diskettes, etc. This time is quite generously donated by our Librarian and proceeds go to your club. There is "No charge" for the software itself. We shall include any shareware announcement provided by its producer or author.

Orphanware like Public Domain has it's share of "legal beavers" who'd define everything you do as wrong. The only way I know to approach it is to try and determine what is reasonable. Many firms haven't been heard from for years and clearly don't provide a reasonable way for you to find out about their products much less purchase them. Some of this might be found in a dealer's stock somewhere. In some cases it is questioned by many as to whether the particular dealer really has rights (and many do) or is just reproducing it, with no one to argue. We could withdraw all Orphanware or offer what seems reasonable.

And, there are folks like Cognetec (CFW-64 & 128), Bob Van der Poel (a lot of darned good utilities), etc. who don't advertise, but still actively market and support from their home. Their software or others like them won't be in our Library!

If we unknowingly place any viably marketed software in our library,

a simple notice from: the author or producer will quickly withdraw it.

- Terry Simons

Reprinted by permission from Mid Iowa & Country CoCo's UPGRADE Newsletter Disk.

### Advertiser's Index

Burke & Burke . . . . .	11
CerComp . . . . .	4
ColorSystems . . . . .	3
Dekker . . . . .	10
Hawksoft . . . . .	8
JWT Enterprises . . . . .	5
Kala . . . . .	3
Mid Iowa & Country C'b . . . . .	5
OS-9 Underground . . . . .	8
Southern Missouri . . . . .	8

### UpTime

JWT Enterprises  
5755 Lockwood Blvd.  
Youngstown, OH 44512

Address correction requested