OS-9 68K Software SC/ISpell/Rogue $10.00

This disk contains several popular packages ported from Unix by Ken Scales. All three packages are Termcap/TermInfo based, and should run on any OS-9 68000 system that supports Termcap/TermInfo. SC spreadsheet program, ISpell spelling checker, Rogue dungeon game. These packages are freely available from Delphi and other information services, but due to their size, this is a convenient way to obtain them. Total cost for this package is $10.00, with no international shipping charge. Please specify disk format (3.5" high density, Microware Universal, or Atari OS-9).

F. Color Computer 3 Hardware

512K SIMM Memory Upgrades 512k $44.95 Zero k $39.95

These memory upgrades were developed by the Toronto Color Computer Club, which receives a portion of the profit from each board. The installation procedure is virtually identical to that of the Tandy upgrade, however, this upgrade runs significantly cooler, and uses less power than standard upgrades. Uses two 8 or 9 chip 256k SIMMs, 80-150ns.

Hitachi HD63B09E or HD63C09E CPUs $15.00

This Hitachi version of the Motorola 6809 CPU is pin-for-pin compatable with the Motorola chip. Less power is used through CMOS construction.

Sound Capture Cable $15.00

This sound cable plugs into the joystick port, and is used to capture digitized sound samples on the Color Computer. It may be used with either the Oblique Triad Studio Works package, or any of the public domain digitizing programs such as DIGITZ. This sound cable incorporates a Tantalum capacitor for a superior signal-to-noise ratio.

Northern Exposure

'Quality Products From North of the Border'

THE Catalog!

Your complete one-stop shopping source for:

Tandy Color Computer
(DECB & OS-9)
and
Desktop OS-9/68000 Systems

Complete systems, peripherals, and software

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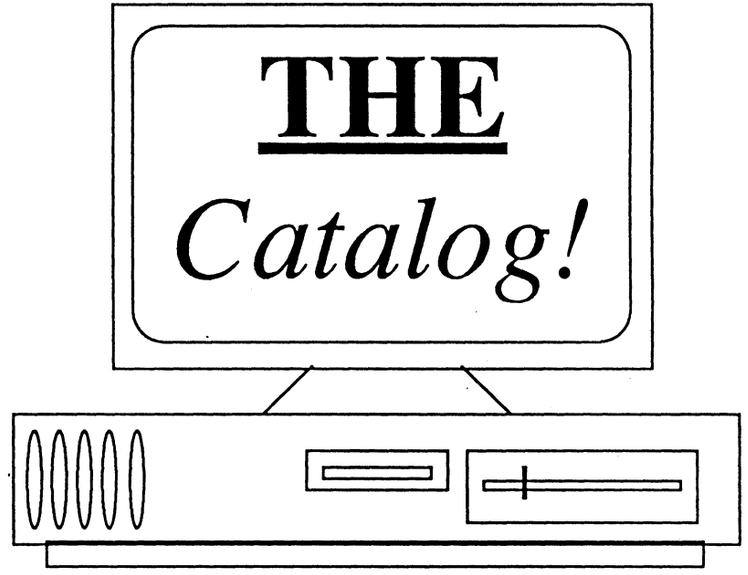
THE *Catalog!*



Your complete one-stop shopping source for:

Tandy Color Computer
(DECB & OS-9)
and
Desktop OS-9/68000 Systems

Complete systems, peripherals, and software

Welcome to the first edition of THE Catalog!

At one time, the market for the Tandy Color Computer supported a plethora of vendors. Almost anyone who could write a decent program could setup shop in their home and have a relatively successful part-time business going over night. As OS-9 gathered interest among CoCo users, an apparent niche market developed for a more powerful OS-9 computer developed. This was filled by one new comer and two industrial sellers. Unfortunately, the CoCo has been out of production since 1991, and the Desktop OS-9/68000 systems have remained a niche market at best.

There are so few Tandy Color Computer, OS-9, and Desktop OS-9/68000 users out there especially when compared to other systems, that finding needed software, hardware, and peripherals can be difficult. Unless you subscribe to one of the major on-line services, a nationally supported club, and subscribe to one or more of the available publications, you simply have nowhere to turn for information. Old "Rainbow" magazines? They haven't been published since 1993, and most of the vendors in them left the CoCo market long ago. Microware Source Book? Well, if you were an industrial user (with an industrial account!), yes. But few Desktop users (systems for personal and hobby use) can afford $395.00 for a disk defragmentation program.

Thus the concept of this catalog was born. The existing vendors need a source of cheap advertising that reaches as many people as possible. Consumers need to find those vendors and discover what products are out there, how much, and how to order.

A single catalog containing all vendors certainly seems like a natural idea. Costs to the vendor are kept to a minimum. Printing and mailing costs are reduced, leaving the vendor more money for new product development and stock. Customers no longer have to keep a drawer full of loose flyers. And ultimately, the consumer's cost are lower due to a decrease in the vendor's operating expenses. And in some cases, this alone will keep a vendor supporting a market they may otherwise leave.

So enjoy this first edition of THE Catalog! You will find several vendors complete product lists. If you know a vendor who is not here, please have them contact me for details on how to get in. It isn't hard or expensive. And watch for future editions.

Sincerely,
Francis (Frank) Swygert, Publisher

TW-64 Character Set Editor		$14.95	Customize character sets for Telewriter 64.
Disk Programming Package		$14.95	Handy utilities — converts Basic to LOADM programs.
SemiGraphics 4 Editor		$14.95	Create great title screens, include them in your programs.
Disk Management System		$14.95	Tracks disk files, restores directories if needed.
The Disk Pilot		$14.95	Disk file maintenance utility.
HiRes+	16K	$12.95	Adds high-resolution text, upper & lower case, much more!
Packer	16K	$14.95	Pack basic programs — free memory and protect programs!
Mapper	16K	$14.95	Cross-reference variables. Handy for programmers.
Lister	16K	$14.95	Indents & format Basic listings to screen, printer or a file.
Ultra Telepatch	64K	$19.95	Ultimate enhancement to Telewriter 64 — many features.
Stock Manager		$19.95	Track stocks & bonds — produce reports for your accountant!
Our DOS (DECB 1.0 ROM patches)		$ 5.00	Bug fixes, 6ms stepping. Source included.
Green Mountain EPROM Burner Software		$ 5.00	A great replacement for the stock software.

E. OS-9/68000 Software

Except where otherwise noted, all our OS-9/68000 software is written for Termcap/Terminfo based OS-9 systems. Call for information on discounts for multiple purchases, site licenses, and embedded system licensing.

White's Speedisk $79.95

White's Speedisk is a disk optimization utility for OS-9/68000. Disk performance is optimized by correcting file fragmentation and physically rearranging files on the disk. This improves disk access speed and simplifies data recovery in the event of disk failure. Directories are placed first on an optimized disk, followed by executables, and all remaining files. This organization provides the fastest search and execute times. Features of White's Speedisk include: Unfragments files; Free space optimization; Truncates pre-extended files; Thorough analysis of disk structure; Erases data from unused disk sectors for security. All aspects of RBF's file structure are understood, including hard links between files and directories. There is no limit with regard to disk size, file size, etc., that is not imposed by RBF.

OSTerm 68K $65.00

OSTerm 68K is a general-purpose terminal communications program for use with the Interactive Media Systems MM/1 computer. Optional Graphical Front End (included); External file transfer protocol support; VT 52/100/220, ANSI, K-Windows, and TTY emulation; Support for high-speed modems, including locked baud Tons of features, including ANSI character filter for capturing text from ANSI BBS's, screen dump to printer, true Line Break, and many other features, all described in a 50 page manual. Requires K-Windows with WindIO v.48 or higher.

Ved Text Editor $62.95

Simply the best editor available for OS-9/68000. Ved includes too many features to list them all here, but some of the highlights include: 60,000+ word spellchecker, including a check as-you-type mode; built-in text formatter (a subset of the VPrint commands); fully configurable with the included Environment File editor; standard search, find/replace, block and editing functions; multiple buffers (up to 20 files in memory at once); window functions to edit several buffers on the screen at once; column functions, including column total for adding numbers.

VPrint Formatter $62.95

VPrint is a great addition to Ved or any other editor. This text formatter offers powerful support for printing documents: support for up to 36 printer fonts, extended character sets; mail-merge and repeat functions; full macro programming capability; hanging & temporary indents, wide tabs, even & odd pages; dates, incrementable by any reasonable value; 120 page manual, dozen of sample files, printer initialization files for many common printers.

VMail $52.95

A complete mailing list package: configurable, flexible and powerful. Mass mailings are easy to prepare, or you can print out a single record. Can be configured to print mailing labels, envelopes with your return address, or even send the phone number to your modem to act as an auto-dialer!

Cribbage $21.95

This program plays an excellent hand of the classic card game. A great distraction when it is time to do the dishes! Requires K-Windows.

Magazine Index $21.95

A computerized magazine article retrieval system. This program has been very popular with OS-9 Level II users over the years and is file compatable with that version.

continued on back cover

Cribbage $19.95
Written to explore the graphics possibilities of the CoCo 3, this program plays an excellent hand of the classic card game.
Magazine Index System $19.95
A computerized magazine article retrieval system with neat input routines and lightning-fast searches. Comes with a giant database of CoCo articles and detailed documentation
Stock Manager $24.95
This program will keep track of your stock and bond purchases, dividends and interest received, graph trends, and print annual recaps that your accountant will love you for.
OS-9 Disk Mailing List (DML9) $24.95
Records are maintained in alphabetical order, as well as by zipcode. Each record has fields for name, address and phone number, as well as a memo field, the date the record was created, and the date the record was last printed. You have complete control over the output format. Matches can be easily specified. For example, you can list all records with a first name starting with 'C' and that are from New York, or any other combination. A double-sided 80 track floppy will store approximately 1800 names.
OS-9 Character Set Editor $19.95
This handy program lets you create your own character sets, or edit existing ones. Commands include copy, shift, rotate, much more.
Basic09 Subroutine Pack $19.95
A handy set of machine language programs ready to be interfaced with Basic09. Upper/Lowercase string conversion, menu and directory display programs, midstring replace, file handlers, SOUND routine, Extended Color Basic DRAW emulator, LINEINPUT, file handlers, plus much more. Twenty-four routines in all.
Ultra Label Maker $19.95
Hi-res displays let you preview the label just as it will appear. Formatting options include centered, left, right, and full justification. Merge function for mailing lists, numbering option for tickets.
RMA Assembler Library $19.95
A complete set of C-like functions which can be easily added to your assembler programs. Includes 75k of source code. Royalty-free.
OS-9 Public Domain Disk $9.95
A variety of handy programs make up this package. Print VEF graphics to an EPSON compatable printer, a new DIR command, Basic09 utilities and much more! Source code included for all programs.

C. Disk Basic Software (CoCo 3)

Color Schematic Designer $30.00
The Color Schematic Designer is a powerful program for the design of electronic schematics. '8 out of 10' - see the review in the August 1993 edition of Metamorphosis, and The World of 68' Micros premiere issue. Postscript output (laser printer support); IBM, Epson, and Tandy printer support; node list generator. CoCo 3, 1 floppy drive, and hi-res joystick interface required.
Oblique Triad Adventure Games
These packages are again available for the CoCo 3 running Disk Basic. See the Rainbow reviews for details on each package.

Overlord	August 1990, p78		$25.00
Caladuril I	December 1987		$15.00
Caladuril II	June 1989, p126		$27.00
Caladuril I & II ($42.00)		Save!	$35.00
Seventh Link	July 1990, p74		$32.00
Studio Works v2.0	January 1990, p94	(Upgrade 1.x $22.00)	$34.00
Sound cable for Studio Works or any digitizer			$15.00
Those Darn Marbles	June 1990, p66		$32.00

Bob van der Poel Software

Ultra Editor	$19.95	Full-featured screen editor with many powerful editing commands.
MML3 Mailing List	$16.45	Handy mailing list program, with many printout options.
CoCo3 Cribbage	$13.95	A great card game! Source included!

D. Disk Basic Software (CoCo 1, 2) 32K Disk Basic required unless otherwise noted.

Bob van der Poel Software

Ultra Label Maker	$14.95	Hi-res display, full formatting, mail merge & numbering.
Disk Utility Pack II	$14.95	16 handy utilities, including BACKUP, FORMAT, FIND, etc.
Magazine Index System	$14.95	Includes giant index of CoCo articles.

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Don't miss out on this exciting hardware for your Color Computer!

LIMITED QUANTITIES AVAILABLE!

2 Meg Upgrade - $100

Upgrade your CoCo memory to the max! Requires a socketed CPU.

SCII - $130

No-halt floppy operation under OS-9! Operates as normal controller with DECB. Socket for 24 or 28 pin ROM. Internal mini-expansion bus for optional add-in boards.

4-IN-1 - $100

Mini-expansion board contains a real-time clock, RS-232 serial and parallel printer ports, and a SASI/SCSI hard drive interface.

HDII - $75

Mini-expansion bus SASI/SCSI hard drive interface.

FTOS - $20

Enhanced DECB. Adds double sided drive support, extra commands. Fully ROMmable.

Schematic Set - $20

A full set of schematics for all DISTO products ever made (except 2 meg board)

Inside 2 Meg - $20

Complete details and schematics for the 2 meg upgrade!

Blank board set - $30

A complete set of bare, ready to solder circuit boards ofall DISTO products (except 2 meg upgrade)

Mini - $70

A "clone" of the Tandy FD-502 controller. Ready for 28 pin ROM.

DISTO

1710 DePatie
St. Laurent, QC H4L 4A8
CANADA

Phone 517-747-4851 to reserve your item!

Northern Xposure

'Quality Products From North of the Border'

A. General Information:

Mailing address: Northern Xposure, 7 Greenboro Cres, Ottawa, ON, Canada K1T 1W6

Telephone: (613)736-0329

Internet: cmckay@uuisis.isis.org

Free shipping to the US and Canada except as otherwise noted. Other countries include $5.00 S&H. All prices are in US Funds. Check or Money Order please. There is a $2.00 S&H charge PER ORDER for Bob van der Poel Software OS-9 Level II and Disk Basic packages. Shipping is included in the OS-9 68K prices. Shipped directly from Bob van der Poel Software.

B. OS-9 Level II CoCo 3 Software. 256k required unless otherwise noted.

NitrOS-9 $29.95

Aset of replacement modules for Microware's OS-9 Level II Operating System when used with the Hitachi HD6309 microprocessor. These modules have been written to maintain near-100% compatibility with OS-9, but has the added bonus of extra speed and additional features. This is done by using undocumented features in the Hitachi CMOS 6309 microprocessor. Combining the new features of the 6309 with optimized modules results in increased speed for OS-9 OS-9 Level II systems. NitrOS-9 is intended for use on the Tandy Color Computer 3 and Frank Hogg Laboratories TomCat TC9 computers with a Hitachi HD6309 CPU installed.

Matt Thompson's SCSI System $25.00

This is the registered version of Matt Thompson's SCSI System drivers, and includes both M6809 and HD6309 versions. If you have a SCSI hard drive for your OS-9 Level II CoCo 3 system, then these drivers are essential. Supports both 256 and 512 byte sectors. Included in the registered version are vastly increased speed, Turbo Cache, multi-pak support, and technical support from the author.

Smash! Joystick required. $29.95

Somebody said it couldn't be done, so Alan DeKok of Intelligent Algorithyms did it. Smash! is a full-featured arcade game for OS-9 Level II, in the Breakout genre. Features include: 32 levels that can be modified with a text editor; passwords for each level, so you don't have to restart one or two player modes; user-selectable joystick port.

Rusty $20.00

Rusty is a program that intelligently returns control of your CoCo 3 to its internal ROMs from OS-9. Why would you want to do that? There are several popular games and programs that many people used under Disk Basic. With Rusty, you can store them on your hard drive under OS-9, and use them any time you want using Rusty. Not all programs are suitable for use with Rusty, but anything that runs under Basic (both tokenized basic and machine language), and is less than 56k in length, may be used. Rusty also includes a set of OS-9 programs for reading and writing DECB floppy disks. No special drivers required.

Shanghai:OS-9 $29.95

This is a complete OS-9 Level II port of the popular Activision Shanghai Rompak. The package comes preinstalled on the disk, so please send your Shanghai manual or Rompak to prove ownership. Includes the ability to use external tile files created with any graphics files that can be converted to/from .vef format. Several extra tile sets are included

Thexder:OS-9 $29.95

This is an OS-9 Level II port of Sierra On-Line's Thexder Rompak. Comes pre-installed on the disk, so please send Thexder manual or Rompak to prove ownership. Auto-pause when your are using another window; immortal mode, start at any level; variable speeds.

Bob van der Poel Software

Ved Text Editor $24.95

Less than 8k long, but written in fast, efficient 6809 assembler and uses OS-9's system resources, it lacks no features: 52,000 character buffer; overstrike/insert mode; adjustable tabs; definable (and savable) macro keys; word delete; block move, copy and delete; auto-indent; global changes; plus much more. In combination with VPrint, Ved becomes a superior word processor. I/O commands include block save/print, append etc.

VPrint Text Formatter $29.95

VPrint will take a text file from any text editor (such as Ved) and produce beautifully formatted documents, newsletters, essays or letters. VPrint will fully support your printers different fonts and type styles. Standard features include margins, indents, headers, footers, multiple-column output, repeats, macros (with parameter passing), internal number registers, footnotes, marginal notes, change bars, automatic indenting, Indexing/Table of Contents, future event testing...

Coco Products (DECB)

HAWKSoft HOME CONTROL **$20.00**
HAWKSoft HOME CONTROL will put your old TRS-80 Color Computer Plug 'n' Power controller back on the job with your Coco 3!! Controls Tandy Plug 'n' Power modules or compatables (BSR, Sears, Leviton, etc) AUTOMATE YOUR HOME!! Control up to 256 modules! Up to 99 events!!

HI & LO-RES JOYSTICK ADAPTER **$27.00**
Functions as a Tandy Hi-Res adapter or NO adapter at the flip of a switch!! Save wear and tear on your Coco's jacks and your nerves! A MUST-HAVE for any serious Coco user!!!

HAWKSoft KEYBOARD CABLE **$25.00**
UNCHAIN YOUR KEYBOARD! Five foot extender cable for Coco 2 and 3. Move your keyboard where you want it! Installation instructions and tips included! Custom lengths available. Rainbow review 5/89

MYDOS DISK **$15.00**
CUSTOMIZABLE! EPROM-ABLE! The commands Tandy left out. ONE command load and execute for machine language programs. Lowercase command entry and display. Optional 6 ms. disk drive speed. Supports double-sided and forty track drives. Set CMP or RGB palettes on power-up. Power-up in any screen width and colors (or monochrome) you choose. Screen echo and SAY command for Radio Shack Speech and Sound Cartridge. Point and click mouse directory and MORE. For all Coco 3 with Disk Basic 2.1. More options than you can shake a joystick at!!

DOMINATION **$18.00** ***MULTI-PLAYER STRATEGY GAME!***
Try to take over the planet of YCNAN. Battle other players armies to take control of their provinces and defend yours. Play on a hi-res map of the planet. Take the "RISK" and become a Planet-Lord today. Requires CoCo 3, one disk, and joystick or mouse.

for all your CoCo and OS-9 needs, connect with

CoNect

449 South 90th Street
Milwaukee, WI 53214
E-mail: rickuland@delphi.com

'Supporting the CoCo.....' appears in about every CoCo related ad sooner or later. Sometimes, 'support' is limited to a few games or a single hardware device! With Tandy out of the picture maintaining a CoCo can be difficult. Allow me to introduce CoNect's version of support:

First, we make things. This ad is supposed to remain current for a while, so mainly covers products we make. CoNect also stocks a large assortment of NOS (new old stock) Tandy software at reasonable (not firesale) prices. Used software from an array of past and present vendors. We also stock used hardware, with emphasis on basic items like disk controllers. Our stock is always changing, so a recent catalog or email inquiry is a good idea.

And last, repairs and parts. Most repair services are simply to expensive when a new motherboard costs $50! Count on us to know when to quit. Some example repairs: blown cpu=$20, most fdc repairs are under $15. For do it yourselfers, almost every single part used in a CoCo2,3,mpi,and most common accessories is in stock, with no minimum order.

On to the ad.....

Disk Service:

No modem? No problem! Our disk service is growing! To the list of patch disks, application disks are appearing. App disks include all docs, Multivue icons, and install programs where applicable. Instant CoCo! Contents always subject to change as new versions of old solutions become available, for only $5.00 a set! Disk Formats: DECB: 5.25 inch. Choice of 158Kss or 316Ks+s OS9:5.25 inch 158Kss, 180Kss or 360Kds, 3.5 inch 720K "CoCo format"

Patch Disks

"c" (680K)
ANSIfront accepts ANSI style declarations etc. At last, theexamples in the books work on CoCo! Replacement cc defaults to RAMdisk for speed. A compiler is only as good as the code it links..... replacement libraries include Carl Kreiders stdlib, stdlibt, and Mike Sweet's cgfx- do stuff MicroWare never intended. Tutorial covers K&R style used by stock compiler.

cc3fix (290K)
There's not a single thing on this disk you can't live without. Who knows where the future leads? Patches to repair most Tandy software for proper operation on a CoCo3. Includes DeskMate3, Dyncalc, Pascal, Profile, RMA, SpeechPak, TSEdit/Word/Spell. Also includes a DECB program (you'll have to rsdos it over) to do the rgb Color fix on about 2 dozen old games. Another DECB program slaps a few bandaids on DECB and launches Hitachi 6309 native mode. Good Luck!

Multi-Vue (360K)
Mark Griffith and others really spruce up gshell. Patches to run many vdg programs (DeskMate, Carmen Sandiego, etc) from MultiVue. Icon editor and 'template' AIFs simplify user program installation. Pile of icons.

PatchOS9 (580K)
The general system massage set. A roundtable of patches to os9boot modules, related files, docs- backup your printer ribbon! Shell+,GShell1.24a,sacia,cc3disk,rbf,scf, clock, name it. New commands/utilities ded dmode gsort mfree pcdos rammer rsdos save sdump undel wmode.... With a generous dollop of luck, the installer will do all the ipatching and module renaming for you.

Application Disks

Games and Graphics (360K)
A collection of PD games, all run from M-Vue. Chess, Life, Not One, PacOS9. Also includes the ultimate CoCo graphics viewer/translator, 'View'.

System Administration (320K)
The tools you need to maintain your OS9/6809 system- ded, dmode, iconedit, ipatch/makpatch, label, megaread, save, stream, vfy, vrn.

Telecom (420K)
Get online now! Supercomm2.2a plus sz/rz (Omen) covers most protocols. cuts and uuencode tame hostile mailers, and archives include the modern lha (for .lzh files) and ar2.0, along with the older .arc and .pak bursters.

OS-9 Level 2 release 2.00.05
You've got to admit, OS-9 is an interesting system. There's nothing wrong with Tandies release a few years of tweaking won't fix. No into tweaking? Consider our starter kit, code named 'OS-9 Level2 release 2.00.05'.
Commercial software includes OS-9Lvl2, Basic09, MultiVue, Dynacalc, Phantomgraph, CoCoArtist, and some assorted games, extras include too much pd to list- and it's not just a boxful of disks. OS-9 itself has been extensively tweaked, and popular upgrades like shell+ and gshell+ are already installed. All applications are preinstalled in MultiVue directories- point, click, pacman. The full package includes Tandy's OS9, Basic09, and MultiVue manuals, original manuals for the commercial applications, plus a suppliment covering changes and additions. An additional 360K of online documentation (of course you can click it up!) Just enclose a note with the number and type of drives being used.
Already own part of the package? Enclose the original disks as proof of ownership. They will be returned, you save money, and we stretch our limited supply of manuals!

(continued on next page)

HawkSoft
244 S. Randall Road
Suite #172 Elgin, Il. 60123
(708)742-3084 eves & ends
e-mail: hawksoft@delphi.com

MM/1 Products (OS9-68000)

CDF **$50.00** ***CDrom File manager!!!!***
CDF allows your MM/1 to take advantage of the wealth of information and graphics available on CDRom. CDF allows OS9/68000 to access a SCSI CDRom Reader as if it were a HUGE Hard Drive! OS9 commands and programs (like dir, copy, gifshow, wavplay) work directly on CDRom files. Also reads CD-i disks!! Requires MM/1 with SCSI interface and SCSI CDRom Reader.

VCDP **$50.00** ***CDrom Audio disk player!!!!***
HAWKSoft's new Virtual CD Player allows you to play audio CDs on your MM/1!! Music to program by!! Looks, Feels, and Operates just like a component CD player!! Graphical interface emulates a physical CD player. Requires SCSI interface and CD Rom reader.

KLOCK **$20.00** ***Timely software from HAWKSoft!!***
KLOCK cuckoos away the hours !! Optional CUCKOO on the hour and half hour!! KLOCK continuously displays the digital time and date on the /term screen or on all open screens. Cuckoo requires I/O board, audio cable, and speakers.

WAVES vr 1.5 **$30.00** ***Now supports 8SVX and WAV files !!***
WAVES is a comprehensive program for recording, playing and editing sound files. WAVES allows you to save and play all or any part of a sound file. You can merge files together or split them into pieces. You can record, edit and save files with ease. You can change playback speed and record at any speed. Convert Mono to Stereo and vice-versa!! Record and Play requires I/O board, cable, and audio equipment.

SOUND CABLE **$10.00**
The HAWKSoft SOUND CABLE connects your MM/1 sound port to stereo equipment for recording and playback of digitized WAVESs. Requires MM/1 with sound port.

GNOP **$5.00**
GNOP is the AWARD-WINNING version of PONG(tm) exclusively for the MM/1 !! You'll go crazy trying to beat the clock and keep that @#$%& little ball in line! Professional Pong-ists everywhere swear by (at) it!!! Requires MM/1, mouse, and lots of patience.

OScopy/RScopy $10.00 CoCo 3 / OS9 level 2
This pair of utilities runs under OS9 and lets you copy files from disks formatted under OS9 to disks formatted under Disk Basic (RSDOS) and vice versa.
The main advantage of these programs is that you do not have to buy and/or load special device drivers and descriptors or go hunting for patches. The programs have the necessary conversion software built into them, so all you do is load and run them to get the job done quick and easy.
New this fall is the addition of two new programs to the package. Although their function is the same as for OScopy/RScopy, the new utilities allow for multiple file transfers (even entire disks with one command) and have an improved user interface that lets you choose files by pressing a number key.

HSLink $14.95 CoCo 3 / OS9 level 2
HSlink is a program that is specifically designed for null-modem file transfers. With it you can hook your CoCo to an IBM compatible or any other computer that has a RS 232 serial port and send files back and forth. Unlike other software that requires a lot of hardware to do this, HSlink uses the CoCo's serial (printer) port. All software, including port drivers, is contained in a single file. So there is no need to reconfigure your system's bootfile. All you do is plug in your cable, load the program and transfer your files.
HSlink supports ASCII and Xmodem file transfers. For 6809 processors the highest available speed is 19,200 baud. The 6309 also supports baud rates of 38,400 and 57,600. Please note that the terminal software on the other end of the line needs to support the same speeds before you can use them under HSlink. Cables available on request.

BasicBoost $10.00 CoCo3/OS9 level 2
This product is a 6309 version of Basic09's RunB module. Most programs will run 10-15% faster using Basicboost. Please note that the actual improvement is dependent on what job your program does. Some of Basicboost's subroutines run at par with the originals, while others run as much as 3 times as fast.
The code from the syscall and inkey utilities has been integrated into Basicboost, so you no longer have to worry whether those programs are in memory. Finally some good news if you own utilities written in Basic09. Basicboost will accept command lines without quotation marks, commas and parenthesis and execute them properly. Package includes installation software to upgrade existing files. Note that you MUST have a 6309 processor installed before you can use this product.

Screenboost $10.00 CoCo3/OS9 level 2
This package contains a 6309 version of the CoCo's screen drivers. Most of the functions of the drivers, from drawing circles and arcs to handling windows and scrolling screens can be done much faster by the 6309 then the original code allows it to do. As a result you will be pleasantly surprised by your CoCo's performance after you install this package.
A number of new functions has been added: graphics screens support larger fonts, as well as doubling the width, height or size of the standard fonts with a single command. On text screens you can choose from two cursor types.
Other functions have been improved: you can now access 200 lines on the graphics screens and up to 28 lines of text on text screens. Also supported is the 128 column text screen with horizontal scrolling.
Last but not least and just like the "big boys" your CoCo will be able to move and/or resize it's windows on the screen under control of application programs. If you purchase Screenboost and Basicboost as one package their combined price is $16.00

Chris Dekker • RR4 • Centreville, NB E0J 1H0 • Canada

Floppy users will want probably want the 360K (10 disk) set- application disks can then be dsaved to any size drive. This version will, of course, install on a hard drive but the 720K (4 disk) version is easier to deal with. 6309 system? OS9 2.00.05 will PowerBoost, or replace OS9boot with Nitros9.

OS9 Level2 2.00.05 $79.95
MultiVue
Basic09

add ASM (not RMA) $20.00
your OS9 -$20.00
your Multivue -$15.00

Hardware

The CoCo3^c
CoCo repaks sure are nice. First, you get your desk space back. More importantly, a combination of physical and electrical stability and a real power supply makes them dependable enough for serious computing. You can see the online community dividing into those still happy with their repakaged machines, and those looking to sell off a pile of plastic boxes.
The Cube is basically an 8 bay 5.25" rack mount. A bit large for a desk, but the perfect size to sit beside one. Decent enough as racks go. I'll make one with a 270watt power supply, if you really need an 8 drive case. It's more fun to swap in a smaller 85 watt power supply and CoCo3c. Both sides of the Cube open, to reveal storage, the 'backpanel', and the card cage area. The original (now repaked) keyboard clips inside the door, and doesn't interfere with puppo adapters.
The 3^c itself is an L shaped mount that occupies the center 4 bays of the rack. By now, we know exactly what the 'best' CoCo motherboard looks like, (no pesky upgrades) Start by gutting the pitiful on board power. Socket a 6309 cpu and make sure the GIME is up to spec, strap the mpi, and reorient the buss connector.
Yes, there is a buss ribbon- soldered on the motherboard side. It's short, and makes the motherboard/mpi connection flexible. I don't see the normal cases of small bumps causing a crash. (Mine's been up since Feb 94). The reworked motherboard lies upside down under the upper 'floppy' bays with mpi / slotpak / whatever dropping vertically below the backpanel. This puts *all* the backpanel connectors behind one door, and the card cage behind the other.
We have machines and subsystems (hard, floppy, serial etc) for sale outright, but reworking an existing CoCo seems to be most popular. The short form, send a working coco motherboard and keybd, and optionally mpi main bd and puppo- along with $150. Get back a working 6309 with remote keyboard (or two) and 4 drive bays.

Fast232
The main problem with OS9 under a CoCo is the serial port. With a one character buffer, it's hard to do much before the serial port needs service. Windows and OS2 have the same problem. Or did, until National released the 16550 uart- 16 bytes of internal fifo buffering gives multitasking systems time to do some work.
We've been trying to release a CoCo version for years- the chip at the heart of the original 3 port design was never released (nice docs, though). Enough of that.

The prototype (now a year old) has been tested extensively. These calls where made to a unix box (local line), while a Basic09 program ran through some math problems. Timing this program gives some idea of the cpu time used by the serial port itself. The Tandy system was itself optimised (sacia and patches) to give a meaningful comparison (the stock system tops out at about 600 cps).

	Tandy with Sacia		Fast232	
bps	load	thruput	load	thruput
2400	28.3 sec	237 cps	25.3 sec	235 cps
9600	73.6 sec	938 cps	31.4 sec	950 cps
57600	not available		32.6 sec	5373cps

In other words, two 9600bps lines for the cpu cost of a single one with sacia/6551. Local machines with faster modems can now be connected to properly (or improperly at 115K!) More down to earth, Fast232 is a ROMPak sized case, which will accept a daughterboard (once I get the case to close) to give two ports in a very 'consise' package. OS9 drivers by Randy Wilson. Free bonus software! The pd release of 'SuperComm' (Dave Phillipsen and Randy Wilson). All software includes 6809 and 6309 versions.
Fast232 $79.95 second port $45.00

Mini232
Some people don't need a serial port as capabile as Fast232- for a single line at 2400bps there are few advantages to justify the extra cost. Enter the Mini.
Mini232 is completely Tandy compatable, and will run under DECB, Tandies ACIAPak (OS-9), or most other drivers for OS-9/6809 (SACIA, WizACIA, etc). SACIA users wil be happy to note the 'dcd swap' only requires a jumper change- no cables to hack. The mini can also be readdressed (more jumpers) to avoid conflicts with other ports.
Mini232 $45.00 Power Supply $10.00

And the lawyer said:
"CoNect products are warranted for a period of 90 days against defects in material or workmanship....." We accept personal checks or money orders, all prices are US funds. Please include shipping and handling charge of $4.00 (US), $6.00 (Canada), or $10 (world). Offworld destinations pleaseconsult your postmaster.

CoNect

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Milwaukee, WI 53214
E-mail: rickuland@delphi.com

CoCoTop supports the 6309 processor. 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 (+TOOLS 3: $34.95)
New this fall is CoCoTop version 2. Version 2 is an extension of version 1: A few bugs found in version 1 have been fixed. A calendar has been added. This calendar can be programmed to remind you of certain events. Another addition is the capability to pre-select files for batch processing. Due to changes in it's buffers, version 2 can also handle larger harddrives. Prices are $5 higher then comparable version 1 packages. Upgrades from version 1 to version 2 cost $10.

Invoice09 $14.95 512K
This program allows you to produce professional looking invoices without having to buy the forms. The program produces the entire invoice (form and all) on blank paper. You also have the option of printing the envelope to send your invoice away in.
The package comes with a setup program to tailor the invoice to your needs and a complete mailing list database manager. The invoice program searches the database for an address after you enter the name. New names get automatically added to the database. The invoice program can also be linked to accounting level 2. In that case the invoiced items are automatically recorded in the journal.
Also part of the package are utilities to print labels and envelopes; a program to keep track of your sales per product or customer and a database manager to edit your sales records if necessary. Requires OS9 level 2 and a printer that supports the IBM character set. Supports 6309 processor.

HomePac-09 $ 29.95 512K
Homepac-09 consists of 4 parts: fast check/card, mailer, form maker and a disk jacket printer. Fast check/card is a program that tracks chequeing and/or credit card accounts for you. Along with it comes a setup program that allows you to enter up to 20 company names, bookkeeping categories and memos.
Those entries are available at the touch of a key when entering records. This makes program very fast, with a minimum of typing required. The program also compiles the data into various reports that can be send to the screen or your printer.
The mailer is a database program for addresses and phone numbers. It works much like fast check/card: it has the same interface and defaults that can be entered by pressing the ENTER key. In order to edit someone's address you just have to type (part of) that person's name to bring up the record.
Mailer can produce listings, print labels and envelopes. You can also tell the program to print only records with certain names, zipcodes, phone number area codes, etc.
Formmaker allows you to make various simple forms like address lists, scorecards, etc. You assemble the form on-screen using the arrow and F1/F2 keys. Once you are satisfied with the results you can save your setup and/or send it to your printer. Headers and line numbering are optional.
The disk jacket printer reads all directories on a given disk and produces 2 or 4 column listings of filenames, filesizes and file attributes. The 2 column listing is sized so that you can tape it to the sleeve of a floppy disk. This allows you to see a disk's contents without having to put the disk in your drive. Directory names are also displayed.
Homepac-09 is completely menu driven, so OS9 is all but invisible to the end user. It requires a 512K CoCo 3 and OS9 level 2. Homepac supports the 6309 processor.

interface (mouse driven) for the many graphics functions build into OS9 level 2. It also sports a few functions not build into OS9, like spray can, zoom and animation. For convenience' sake file handling functions are also build in. Another big part of canvas is the clipboard. Here you will find all kinds of graphics manipulation functions. The clipboard is mostly based on OS9's graphics buffers. Apart from cut and paste functions, you can change the screentype of an image in a buffer, change it's colors and save/load the image as clipart. You can also have multiple clipboards if neccessary. It should be stressed here that throughout all the above mentioned functions (and the ones not mentioned) the only things you have to type on the keyboard are filenames.

The other thing I want to mention is that most of the functions can be run as subsets or individual programs. This eliminates the need of loading the entire canvas program every time you need to make a small change. You can even string together your own canvas program if you feel up to it.

Among the utilities there are drivers for printers using the Tandy protocol as well as the Epson/IBM protocol. There are drivers for B/W and color printouts as well as for clipart files. (The Tandy driver is B/W only). Printer profiles are included for a RS DMP-105, Star NX2420 (Epson LQ860 emulation) and for an IBM proprinter X24E and compatibles. If you have a different printer, there is a utility to make one of these files work with your printer. There is also a font and pattern editor on the disks. With these you can change/create the fonts and background fill patterns used on the graphics screens.

About a dozen programs are included where you can start the program, give it some parameters and watch the computer do the work. Their outputs range from the julia and mandelbrot sets to easter eggs and butterflies. Rounding out the package are two games: tictactoe and "falling dominoes" and a number of graphics files created by the various programs.

For the programmers there are graphics subroutines creating lineand bargraphs and piecharts + interfacing data and source code examples. Also the interfacing data for the mouse driver. LAST BUT NOT LEAST: an installation routine to get you underway with little more effort then some diskswaps. Includes 46 page manual. Shipped on 2 disks. Minimum system requirements: 512K; one DSDD floppydrive. Recommended: mouse; hi-res adapter; ramdisk Multivue NOT required

CoCoTop $19.95 / $24.95 512K

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.

There are also a number of functions you will not find in standard OS-9: 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.

Also included are installation routines, so you can set up CoCoTop with little more effort then a few diskswaps and answering some prompts.

FARNA Systems

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FARNA Systems was created in 1993 to market a geneaolgy program for the CoCo 3. Since then, we have added several new products from programmers in the US and Australia. As of now, we are the premier publisher of CoCo related material. Remember, most of all, we are here to serve you!

Please remember to add $3.00 for shipping and handling in the US, $4.00 Canada/Mexico, and $8.00 for overseas airmail per order.

NOTICE: WE CAN NOW ACCEPT CREDIT CARDS!!! **Visa and MasterCard (only!)**
There is a 6% service charge and a minimum charge of $25.
Cards are accepted through a third party and will be billed through "FS Printing".

Puppo PC/XT Keyboard Adapters Now Available!!

We now have a source for NEW Puppo PC/XT keyboard adapters. Use the 84-101 key leyboards with your CoCo! Has a menu burned into the on-board EPROM for easy access to OS-9 or DECB and other options. Requires a PC/XT compatible keyboard; original, switchable, or auto-sensing types.

Cost is $70 + $2.50 S&H for interface alone, $100.00 post paid with 10 key keyboard.

(**Note:** We reserve the right to substitute 84 key models without prior notice)

CoCo Family Recorder/OS-9 1.0

If you are into genealogy, then the CoCo Family Recorder is the *absolute best* program for the CoCo 3. The OS-9 version is nearly identical to the DECB version in appearance, but takes advantage of many OS-9 features such as pop-up windows for entering data. DECB users can send their *original* CCFR disk (it will be returned) to get the OS-9 version for only $20.00. Others must pay the regular price of $28.50. Requires at least one 40 track double sided drive (FD-502) or larger. Can be shipped on 3.5" 720K disk if requested.

OS-9 Point of Sale (POS)

If you have a small retail store business, this may be just what you've been waiting for! Designed specifically for the small business that needs more than one check-out station but can't affors the $7,500 or more for an MS-DOS based system. This easy to use, menu-driven software uses OS-9's inherent multi-user/tasking features, eliminating the high cost of DOS based networks. Has all necessary features to replace you cash register and keep track of your sales and inventory automatically. Supports multiple serial (ASCII) terminals. Upgraded regularly! More features to be added, and custom programming is available.

CoCo DECB Software:

CoCo Family Recorder - $17.00
Genealogy program for the CoCo 3. Requires 2 drives, 80 col. monitor.

DigiTech Pro - $12.00
Sound recorder for CoCo3. Record any sound for easy playback in your BASIC or M/L programs.

ADOS: Support for double sided drives, 40/80 tracks, faster formatting, much more!
Original (CoCo 1/2) - $15.00
ADOS 3 (CoCo 3) - $25.00
Extended ADOS 3 - $30.00 (ADOS 3 req., RAM drives, support for 512K-2MB)
ADOS 3/Ext. Combo - $50.00

Mind Games - $5.00
Collection of nine classic games. Run from included RAM disk with 512K. load manually with 128K.

Cross Road II - $5.00
Simple Tic-Tac-Toe, but with amazing sound and graphics! Sound recorded with Digi-Tech.

Space Intruders - $10.00
Looks just like Atari's classic "Sapce Invaders"! CoCo 1/2/3.
Donut Dilemma - $10.00
Climb, jump, and ride elevators to top of Donut factory to shut it down! 10 levels. CoCo 1,2,3.
Rupert Rythym - $10.00
Collect Rupert's stolen notes, then work our correct sequence. Great action adventure!**Get Space Intruders, Donut Dilemma, and Rupert Rythym for only $25.00! Save $5!**

CoCo OS-9 Software:

Patch OS-9 - $7.00
Automated program installs most popular/needed patches for OS-9 Level II. 512K and two 40T/DS (or larger) drives required. *(128K/35T users can install manually- state 35T.)*

Pixel Blaster - $12.00
High speed graphics tools for OS-9 Level II. Easily speed up your game programming with this tool kit and subroutines!

CoCo Family Recorder/OS-9 - $25.00
Same proven format as CoCo Family Recorder for DECB! Works similar. Has pop-up edit window, some other features. Comes with utility to convert DECB files to OS-9.

Books:

Tandy's Little Wonder - $22.00
History,technical info, schematics, peripherals, upgrades, modifications, repairs, much more- all described in detail for all CoCo models! Vendors, clubs, BBSs also listed.

Quick Reference Guides
OS-9 Level II - $7.00 OS-9/68K - $8.00
These handy QRGs have the most needed info in a 5.5"x 8.5" desk-top size. Command syntax, error codes, special keys functions, etc.

NEW!!! **Mastering OS-9 - $25.00** ***NEW!!!***
Recently revised, updated version of Paul Ward's original "Start OS-9" first published in 1988. Easier to follow tutorials step you through learning and using OS-9 on the CoCo. Comes with utility disk at no extra cost!!

Ken-Ton SCSI Hard Drive System and Components

We are now the ONLY dealer for Ken-Ton SCSI hard drive interfaces! These are premium quality, true SCSI insterfaces capable of supporting up to seven devices. Designed to work equally well with a Multi-Pak or ordinary "Y" cable. Will work with any SCSI hard drive that doesn't have a parity bit set or the parity bit can be disabled. RGB-DOS requires Seagate "N" series drives with ROM revision 104 or greater. Does not work with Disto Supercontrollers and "Y" cable.

Controller w/drive cable ---------- $135.00
OS-9 Drivers ---------- $25.00
RGB-DOS (for DECB access) ---------- $35.00
** $50 for RGB-DOS and OS-9 drivers when purchased together with a controller **
"Y" cable, $25 for two position, $35 for three.
Drive cables - specify direct to drive or SCSI case type connector ---------- $25.00

CoCo Hardware:

DigiScan Video Digitizer - $150
Capture images from VCR, camcorder, or TV camera. No MPI required- uses joystick ports. CoCo Max3, Max 10, Color Max 3 compatible. Special order- allow 90 days for delivery. Send $75 deposit.

Chris Dekker

User Friendly OS-9 Software

RR #4
CENTREVILLE, NB
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(506) 276-4841

PRODUCT INFORMATION *November 1, 1994*

The information given here is accurate as of date of writing, but subject to change without notice. It is intended as a review only. For more complete information on a product, please call or write. Prices quoted in US$; S&H $3.00; NO COD's; Canadian dollar prices: call.

If you have problems with, questions about, or suggestions for the software, please contact the author. This is the only way you can end up with the software you want and/or need. If you know any people who might be interested in some of this software, please give them (a copy of) these sheets. Only programs that are widely used tend to generate enough feedback to fix bugs and add new modules to justify updated versions. THANK YOU!!!

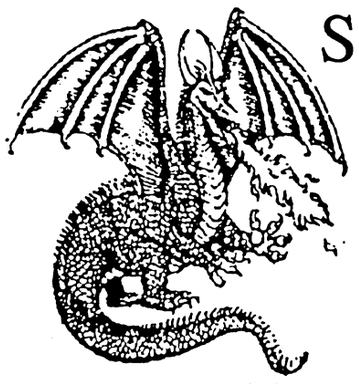
Quickletter $ 19.95 128K / 512K
Easy to use wordprocessor. It's default settings give you a balanced page layout so all you have to do is start the program and enter the text. Of course you can change the settings and there are things like editing capabilities build in. It's core consists of machine language subroutines for high performance.
Package includes utilities for added flexibility. One of these utilities allows you to convert text formats between ASCII, Quickletter format and MSDOS format in any combination. It also allows you to change a document's line length. Supports the 6309 processor.

Tools 3 $ 29.95
A tools package that includes a backup utility (formatted and unformatted disks), a utility to copy files from RSDOS disks to OS9 disks, an enhanced copy command, a utility to copy entire directories and screentype conversion utilities. Also utilities for finding, erasing, splitting and appending files. Password protection and an alarm. Archive and antivirus utilities, send and save commands and more. 30 utilities in all. As a bonus OS9 oscilloscope software is included.

Investing level 2 $ 24.95 512K
A package for people who want to keep track of their investments. Tracks stocks, bonds and mutual funds; as well as market indicators and fundamentals. Performs trend analysis. Has graphics capabilities and a hardcopy function for screen dumps. Also keeps track of personal investments and calculates real returns and capital gains. Includes installation routines and 6309 processor support.

Accounting Level 2 $ 34.95 512K
An accounting package that is easy enough to use for personal use, yet versatile enough for small business applications. Most of the data entry, editing and transfers is done through a point and click interface. Runs in text windows for fast screen updates. Graphics capabilities include bargraphs, piecharts and screen dumps for hardcopy. Also full file editing capabilities, cashflow reports and more. Includes installation routines and 6309 processor support.

Level II Graphics $ 34.95 512K
Level II graphics is basically a 2 tier package. On one hand it contains many utilities, that may or may not come in handy, depending on what your goals are. The other part is the canvas program. This is a user



SMALL GRAFX ETC.

Terry Laraway
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NEW! "The Tool" Graphics Manipulator for CGP-220 Printer. Two portrait and three landscape sizes, full color! Load 13 screens in 512K - Full Screen Flips, Zooms, Shrinks, Palette Changes, Stamps, Scroll Memory Multiple Prints, Swap Screens, Save, Load, Kill.....$15.00

512K Upgrades.....$50.00

Hitachi HD63B09E CPU & Socket.....$13.00

"Y" / "TRI" Cables Made Special 40 pin Male of Female end connectors; $6.50 each connector. Rainbow 40 wire ribbon cable min./ ft...$1.00

MPI Upgrades, #26-3124 (Satellite Board) $10.00

CGP-220 Printer Version 6.0 Eprom (Bold Print) $10.00

CGP-220 Printer Special Ink Refill Kit.....$50.00

New 2400 baud Hayes compatible external modems.....$40.00

RS-232 Cables: 25 pin to 4 pin DIN or 25 pin to 25 pin..... $5.00

S&H $3.00 first item-$1.00 ea. Additional service, parts, hardware and ophanware/Tandy software available all with complete documentation. Also, Cannon, HP Inkjet refill, and printers ribbons.

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Bob van der Poel Software
Phone: 604 866-5772 • EMail: 76510.2203@compuserve.com

PO Box 355
Wynndel, BC
Canada V0B 2N0

OS9/68000 Software

Ved Text Editor

Simply the best editor available for your system! Written for speed and ease of use! Configurable—nearly all internal settings (macro definitions, key-bindings, editing modes, etc.) can be modified from an initialization file which is automatically read each time the editor is used. Ved's editing mode options include insert or overstrike modes, automatic indenting, automatic numbering, wordwrap on/off, etc. Standard functions like search, find/replace, block move/copy/delete, word and line delete are completely supported with countless variants and options. A complete set of "undo" functions make it easy to correct mistakes. Network users will appreciate Ved's ability to read and write UNIX and DOS format files. Ved has a built-in text formatter. This supports a sub-set of Vprint commands. Included are margin settings, headers and footers, justification modes, and embedded commands for various printer fonts (italic, underline, double wide, etc.). An interactive preview mode makes it easy to see what the final document will look like. An integrated spelling checker is included at no additional charge! With the multiple buffer feature you can have up to 20 files loaded into memory at one time and swap sections of text between various files. Multiple buffers can be displayed on separate screen windows. The lastest version includes a desktop-like file selector which, in additon to selecting files to edit, will also delete and copy files. A companion program, MVEF, is an interactive, full-screen editor to create and maintain Ved environment files. With MVEF it is simple to create new environment files to support different terminals, keyboards or the preferences of different users. MVEF is included at no extra charge. Ved costs only $59.95 for a personal, single-user licence; $249.00 for an industrial licence.

Vprint

Vprint is a full featured text formatter. Proven for many years on 6809 systems, this powerful program is now available for OS9/68000. The complete list of features fills a 120 page manual, but here are a few highlights:

- support of up to 36 printer fonts, including proportional, with multiple width tables and full microspace justification if your printer supports it,
- support of extended character sets (graphics and special characters),
- full printer support using initialization files for printer independence,
- built in mail-merge and repeat functions,
- input and output file switching and nesting allows long documents to be printed from a master "book" file, output to a pipeline or file, input from pipelines, etc.,
- full referencing facilities, including footnotes and endnotes, index and table of contents, support for cross referencing, chapter and section numbering, figure and table numbering, etc.,
- single or multiple) column printouts,
- conditional tests using "if" and "when" commands, along with arithmetic functions and variables, allow a high degree of programmability,
- full macro programming capability, combined with the other programming features, allow the user to extend the Vprint command set almost without limit,
- support of hanging indents, temporary indents, "wide" tabs, different even and odd page formats, etc.,
- 28 numeric registers are available to the user, in addition to such values as page number, line counter, margins, time and date, etc. Output of registers can be in decimal, hex, Roman numerals, ASCII or month name and registers can be set to auto-increment by any reasonable value,
- handles files with or without carriage returns at the end of each line,
- support of partial line spacing,
- allows embedded OS-9 commands.

Vprint's power comes not only from an extensive command set, but also from two significant features: Vprint knows your printer intimately through the init file (which you can set up yourself). This means that special printer functions such as font changes, superscripts, boldface, double width, etc. can be carried out with no need for the user to calculate new margins, line lengths, page lengths, etc. Several different macro files can include commands for different types of formatting, such as correspondence, manuals, stories, etc. Vprint comes with a 120 page manual, several dozen sample files and printer initialization files for many common printers. Vprint costs $59.95 for a personal, single-user licence; $249.00 for an industrial licence.

Vmail
The ultimate mailing list program, Vmail uses a proprietary system of linked lists and external indexes for lighting fast insertion and retrieval. All entries are indexed when entered—there is never a need to sort your files. Each record has fields for the first name, last name, company name, street address, city, state, country, zip code, phone number, and memo. In addition, the create and last modified date are maintained for each record. A handy feature is the ability to print a single record—using any of nine different mask/port combinations...for example, on our system, pressing <1> prints a mailing label on /p1; pressing <2> sends to the phone number to /t0 (and since we have a modem connected to /t0 Vmail now functions as a phone dialer; pressing <3> prints an envelope , complete with return address, on /p2. Mass mailings are easy to prepare with Vmail. Listing can be by in Lastname, Companyname or Zipcode order. Plus, you can specify matching fields—you can print records in Lastname order only for those customers who live in Texas or California and have not heard from you in one year. And the format of the label is up to you, not the program!
Vmail costs only $49.95 for a personal, single-user licence; $229.00 for an industrial licence.

Cribbage
We have ported our famous cribbage card game to Kwindows on the MM/1 (sorry, but this graphics program cannot be run on a terminal system). This program plays an excellent hand of the classic card game. Written in lighting fast 'C', this is a great card game simulation which'll keep you going for hours—but beware, some people have been known to spend so much time playing (and trying to beat the computer) they never do get around to doing the dishes! Cribbage costs only $19.95.

Magazine Index
A computerized magazine article retrieval system with neat input routines and fast searches. This easy to use program comes with a giant data base of Color Computer articles and detailed documentation. And it's not only for your computer magazines—use it to index hobby magazines, etc. It'll really show its stuff a year from now when you say to yourself, "I remember reading about that, somewhere?" This program has been very popular with Level II users over the years and is file compatible with that version. Magazine Index costs only $19.95.

OS9 Level II Software

Ved Text Editor
This amazing editor is less than 8k long, but since it is written in fast, efficient 6809 assembler and takes advantage of OS-9's system resources it lacks no features: 52,000 character buffer; overstrike/insert mode; adjustable tabs; definable (and savable) macro keys; word delete; block move, copy and delete; auto-indent, global changes, plus much more. In combination with our Vprint text formatter Ved becomes a superior word processor. I/O commands include block save/print, append, etc. But that's not all: everything Ved does is FAST. No more delays! 128K OS-9 Level 2 $24.95

Vprint Text Formatter
This dynamite text formatter will take a file produced by any text editor and produce beautifully formatted documents, newsletters, essays or just plain letters. Because of printer initialization files, which you can create or customize, Vprint will work with ANY printer. Not only will it work, it will fully support all the different fonts and type styles you have on your printer. In addition, Vprint will completely support proportional fonts. Standard features include margins, indents, headers, footers and other things so basic we wouldn't even mention them here. Advanced features include multiple column output, repeats, macros (with optional parameter passing), internal number registers, footnotes, marginal notes, change bars, automatic indexing/table of contents, future event testing... 512K OS-9 Level 2 $29.95

OS-9 Disk Mailing List (DML9)
Using a unique system of indexes and linked lists, access to any record is nearly instantaneous—and since records are inserted into the list as they are added you never need to sort the file. Records are maintained in alphabetical order as well as by zip code (ideal for bulk mailings). Each record has fields for the usual name, address and phone number as well as a memo field, the date the record was added to the list and the date the record was last printed. You have COMPLETE control over how the output will be formatted. Matches can be easily specified—you could list all those people whose first name starts with "C" and live in New York, or any other combination. Stores appx. 1800 names on a DS-40 track floppy, more on larger media. Special merge option lets you convert existing files. 512K OS-9 Level 2 $24.95

Super Boot by Carl England
The BEST "DOS" Autoboot for RS-DOS Ever!
Set tracks, sides, step rates, printer baud, CoCo 3 screen colors, double speed mode, and more. Configure program to auto-run or select from a two column menu - all by typing "DOS".
DECB Req: CoCo, Disk Basic 1.1 or 2.1.....$14.95

Super Backup Utilities by Carl England
From 64K to 512K, use it all with this program. Doesn't abort on disk errors.
DECB Req: CoCo, 64K.....$14.95

512K Copy Utility by Carl England
Copy, Rename, Kill, and Format easily.
Copy all or some files on a disk. Keystroke Kill, Rename, etc. Format about in 3/4s the time Disk Basic normally takes. DECB Req: 512K CoCo 3.....$14.95

4-D Checkers by Nick Johnson
Shall we play a game?
A three dimensional twist on an old favorite. It can even talk if you have a speech pak!
DECB Req: CoCo 3, Speech/Sound Pak Supported.....$14.95

CheckBook+ by Joel Mathew Hegberg
The "CoCoMax" of checking programs.
Maintain thousands of check entries in this fully graphic, mouse driven application. Pull down menus, dialog boxes, etc., make it run as great as it looks. Generate pie, bar, and line graphs of your account.
DECB Req: CoCo 3, Hi-Res Joystick Interface/Mouse.....$24.95

PROGRAM UPGRADES!

Updates are available for all of our CoCo software for $5 per program, shipping included.

Sub-Etha Online: Contact us via GEnie (COCO-SYSOP), Delphi (JOELHEGBERG) or on the Internet (coco-sysop@genie.geis.com or joelhegberg@delphi.com). See our support TOPic in GEnie's Tandy RoundTable (Page 635, CATegory 3, TOPic 42).

Add $2.50 shipping per order. Sorry, no C.O.D.s. Texans add 8.25% sales tax.
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When ordering, please include your telephone number.

Towel by Allen Huffman

The first EthaWin program - a disk utility for OS-9.

Use a mouse or keyboard hot-keys to perform common commands from pull-down menus. Tag multiple files for Delete, Copy, Rename, etc., and even have point 'n click disk Backup, Cobbler, Dcheck and other commands. User menu now letsyou specify up to EIGHT of your own commands. Runs under the EthaWin interface (included) on a high-speed text screen. All commands/colors configurable. Now compatible with OS-9 Terminals!

OS-9 Req: CoCo 3, OS-9 Level 2.....$24.95

MAC to DMP Print Utility by Carl England

Printout classic Macintosh pictures on Tandy printers. CoCo 1/2 compatible!

OS-9 Req: Level 1 or 2, DMP 105, 106, 130 or Compatible Printer.....$19.95

CheckBook+09 by Joel Mathew Hegberg

Point 'n click account manager with graphing. Use mouse or hot-keys. Display pie, bar or line graphs of balances, deposits, etc. Save images out in VEF format.

OS-9 Req: CoCo 3, OS-9 Level 2, Mouse.....$24.95

MiniBanners09 by Allen Huffman

Print single or multi-line banners. Supports literally any printer from dot-matrix to diasy wheel to ink jets and non-standard width printers (like the TP-10). Over 30 fonts included!

OS-9 Req: CoCo 3, OS-9 Level 2, ANY Printer.....$19.95

Disk BASIC Software:

DECB OS-9 Terminal Emulator by Terry Todd

Let any CoCo 3 act as a dedicated OS-9 terminal!

A "smart" emulator that let's an RS-DOS CoCo 3 act like an OS-9 "window". Emulates OS-9 screen/color codes, overlay windows, attributes, and more. Run many full-screen text-apps over a null modem cable or phone line at 2400 baud through the "bit banger" port! (Should be compatible with any program that does not do any window sensing system calls as they will return errors when trying to sense/modify a serial device.) Even runs EthaWin applications!

DECB Req: CoCo 3, Disk Drive, Serial Cable.....$24.95

InfoPatch by Terry Todd

Patch Infocom(tm) Text Adventures for CoCo 3

Take those classic text adventures like Zork or Hitchhiker's Guide and makethem run on an 80 column screen with full upper and lowercase.

DECB Req: CoCo 3, Original Infocom Game Disk.....$9.95

Basic09 Subroutine Pack

This handy package includes a set of machine language programs written to be interfaced with Basic09. Each program has been written for optimum speed and efficiency, yet they are all easy to use. Each does complete error checking. Included are routines to convert strings between upper and lower-case, nifty routines to display menus and disk directories (for the CoCo3 only), a "midstring" replace, several file handlers, a SOUND routine, an Extended Color BASIC DRAW emulator, a LINEINPUT with visual editing, several file handlers for finding file size, modification dates, setting file size, etc. PLUS much more. Twenty-four routines in all. OS-9 (any level) $24.95

Cribbage

This program plays an excellent hand of the classic card game. Written in lighting fast 'C', this is a great card game simulation which'll keep you going for hours. Full graphics. 512K OS-9 Level 2 $19.95

Ultra Label Maker

Turn your printer into a label maker. Hi-res displays let you preview the label just as it'll appear. Formatting options include centering, flush right and justification. Labels can be saved to disk or tape for later use. A special numbering option has been included so now you can do tickets, etc., and a merge option lets you use the package with mailing lists and other ASCII files. With this package and your printer you can start making money with your computer. Can be used with any printer! 512K OS-9 Level II $19.95

Magazine Index System

A computerized magazine article retrieval system with neat input routines and fast searches. This easy to use program comes with a giant data base of CoCo articles and detailed documentation. And it's not only for your CoCo magazines—use it to index hobby magazines, etc. 512K OS-9 Level 2 $19.95

RMA Assembler Library

A complete set of C-like functions which can be easily added to your assembler programs. The package comes complete with dozens of routines, complete with 75K of source code. The docs come on the disk for you to print out. And you can incorporate the routines into your own programs—no royalties. 512K OS-9 Level 2 $19.95

Stock Manager

If you have a computer, why aren't you using it to keep track of your investments? This disk program will keep track of your stock and bond purchases, dividend and interest received, graph trends, and print annual recaps your accountant will love you for. And it's so easy to sit down and calculate your portfolio's value. 512K OS-9 Level 2 $24.95

OS-9 Public Domain Disk

This disk contains a number of programs we have written which we don't feel are large enough to offer as a commercial product (even though we've seen others asking big bucks for much less...), however they are pretty neat. A package to print VEF graphics to an EPSON compatible printer, a nifty new DIR command, some BASIC09 utilities and more. All come programs come with source code and some documentation on disk. 512K OS-9 Level 2 $9.95

All our programs are in stock for immediate shipping. Please include check or money order with your order. Sorry, no credit cards; but we will ship COD to US and Canadian addresses (we add a small additional charge to cover the post office COD fee). Please add $3.00 to all orders to cover shipping and handling costs. All orders are shipped via first class mail, usually on the same day they are received.

Personal licence: this permits you to use our software on a single CPU.

Industrial licence (OSK): this permits you to use and copy our software on up to 7 CPUs on at a single site as well as unlimited customer support via CIS and one year's free updates.

When ordering, please include your preferred disk size and format. We can supply programs on either 3.5" or 5" disks in just about any format—but do let us know before we ship something you can't read.

For more information please write or call for our free catalogue.

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Sub-Etha Software Product List - Fall 1994

"As Seen in The Rainbow, 68' micros, OS9 Underground, and at the CoCoFests!"

OS-9 Level II Software:

Invaders09 by Allen Huffman
The Invasion Begins!

NEW! A high-speed arcade game for OS-9. Waves of aliens are invading so it's up to you to defend the Earth with your plasma cannon. Increasing skill levels, multiple-shots, and blazing speed to keep even the most die-hard space invader happy. OS-9 Req: CoCo 3, OS-9 Level 2, Joystick Optional.....$14.95

Chicago '94: The Game by Allen Huffman
Virtual Reality? Well, not really, but...

NEW! You've read reports about it, and maybe even attended, but now you can relive the 3rd Annual "Last" Chicago CoCoFest anytime you want! This graphics adventure lets you tour over 30 locations of the Fest with hi-res digitized images. Text parser lets you spend virtual money. Almost as fun as being there! 640x192 screen. OS-9 Req: 512K CoCo 3, OS-9 Level 2.....$ 9.95

1992 CoCoFest SIMULATOR by Allen Huffman
Graphics "adventure" based on the 1992 Atlanta CoCoFest

The next best thing to having been there! Digitized graphics of the event and a text command parser (ie, "get the box of disks") let you see all the vendors and even run into some famous faces. The show area, seminar room, and portions of the hotel are all represented. No true "goal", but you do have to figure some things out. Now has scoring and uses image compression. OS-9 Req: 512K CoCo 3, OS-9 Level 2, 500K+ Disk Space.....$9.95

Atlanta '94: The Sequel by Allen Huffman

NEW! Followup to our original OS-9 graphics simulation. Take yet another virtual trip to the Atlanta Computer Society sponsored event. OS-9 Req: 512K CoCo 3, OS-9 Level 2.....$9.95

MultiBoot by Terry Todd & Allen Huffman

Now have up to SIXTEEN bootfiles on your startup disk! A great must-have utility which lets you have up to 16 bootfiles on one disk. No more boot disk floppy-swapping. MultiBoot will install itself to a cobbled boot disk and, upon typing "DOS", will greet you with a scrolling menu of available bootfiles! Settable auto-delay before startup, too. PowerBoost and NitrOS9 compatible. Now allows editing of boot menu order. OS-9 Req: CoCo 3, OS-9 Level 2.....$19.95