OS-9 Newsletter

IN THIS ISSUE:

BENEFITS TO SUBSCRIPTION MEMBES

As a subscribing member of the Bellingam OS9 Users Group you enjoy the following benefits:

1. 8-10 page monthly Newsletter
2. Public Domain Library
3. Technical help on-call
4. Free Classified Ads
5. OS9 BBS access with 250 downlodable file database
6. Membership List
7. "How To" Video Library

FREE SUBSCRIPTION OFFER:

You must have something to say! Qustions to ask! Here is your opportunity to put in your 2 cents worth. Participate! We NEED your input. Put your thoughts on paper and send them in. IF WE USE YOUR QUESTION(S), YOU WILL RECEIVE A 3 MONTH FREE SUBSCRIPTON. IF WE USE YOUR ARTICLE, YOU WILL RECEIVE A 12 MONTH (--ONE YEAR--) FREE SUBSRPTION.

Where's my MM/1 ?

IMS is still waiting on FCC approval. Last that was heard from the lab doing the testing was "everything looks good so far". What this [actually] means is your guess is as good as mine.

Until they have the FCC nod, IMS can't really begin production and shipping. Sooooo, this means IF the FCC approves the machine in October, I think it would be safe to say MM/1s will begin shipping in November with developers getting the first ones, and then prepaid orders, or those with deposits getting them next. However, Paul Ward makes the final decisions on where the machines go as they are made, so don't quote me literally.

Also, in case ya'll are wondering why the delay, there was some time involved in making the final changes to the production boards to include a palette controller. For those that were at the Fest, you could easily see the difference. Still, the max number of colors on the screen at one time is 256, but now out of a palette of 16 million.

— /\/\ark Griffith —

MM/1 vs. TC9/TC70
Some biased comments

First, "Tomcat" is a bit misleading, since it refers to two different computers, the TC9, and the TC70.

The TC9 is CoCo3-compatible. It will have GIME graphics, and run most CoCo3/OS9 Level II software. It will be a little faster than the CoCo3, and have more memory, but except for that, it's essentially the same as the CoCo3. It can be plugged into a K-bus backplane, and in theory can then be used as a graphics/IO coprocessor, though I've not heard anything concrete about the software needed to get this to work.

The MM/1 should be compared to the TC70. Both of those use 68070 processors with Phillip's VSC video chips. The comparison there is:

– The MM/1 has a more standard configuration. You get pretty much everything at once. The total price is thus a bit cheaper. IMS has done impressive PR work getting commitments to port software, and getting MM/1's into Universities, etc. However, they are a new, inexperienced company.

– The TC70 is more expandable. By adding a K-Bus backplane, you can upgrade to faster processors, more serial ports, more memory, etc. (This is all pretty expensive, though. I see it as more significant for small businesses that will want to add more disk space, terminals, etc. or labs that will want to add data-acquisition hardware.) Frank Hogg has been in business for quite a while, and their hardware has developed a good reputation. They've been marketing OS9/ 680x0 systems for about 5 years now. However, none of those systems have graphics support, and Frank Hogg is not being very aggressive at getting new software for this more graphically-oriented machine.

This kind of sums up my view. If I was using Sculptor or other business software to run a small business or needed to hook up data-acquisition hardware in a lab, or needed to be able to move up to a more powerful processor for serious number-crunching. I would get a TC70.

If I was happy with my CoCo, but would like something a little bit nicer with a long-range (due to the price difference) possibility of up-grading, I would get the TC9.

For myself, I have a pretty clear idea of what kind of computer I want on my desk for the next 2-4 years, and the MM/1 fills the bill quite nicely.

P.S. As an analogy, the TC9 is kind of like Apple's

IIgs computer, which is a "nice Apple II", but is definitely NOT a Macintosh.

– Tim Kientzle –
● ●

To my knowledge, the TC-9 is a stand alone board.... it will replace the coco motherboard and is ready to mount into a PC case as well as being ready to use a XT keyboard. It will run current coco peripherals and delivers a 20% speed increase over the CoCo3.

If you want to upgrade (lets say 68030) – you can buy one of the various K-Bus's (there will be a selection available from 4 slot to 20 slot – it is a backplane of sorts) and the 68030 card can plug right in, you run OSK and the OSK will use the floppy/hard drive and I/0 ports plugged into the TC/9.

The TC9 is an inexpensive way of upgrading to a powerful system without getting hit with the costs immediately. You can get the 68030 board at 16 MHz immediately.

–David J. Halko –
● ●

(1) Frank's been in business serving OS9 a long time, hardware and software, and I've dealt with him for years and always got treated like a friend on upgrades and other matters. If he were the only vendor of "KMA" stuff (original name for what are now the MM/1 and TC-70), I'd have no problems dealing with him.

(2) The email said something I haven't heard before, and at the risk of raising some flames I'll quote it here. "Microware themselves tend to provide buggy ports of OS9/K to new systems; the good ports are by the OEMs themselves." An example is Hazelwood's port, which will be bundled with the TC-70. "It may not be the latest version, but should be more solid."

Also Kevin Darling's windowing package should be equally available on both machines.

(3) [My personal opinion] FHL's Tomcat system is closer in spirit to the original KMA ideas bandied about on CIS over the last two years. Dual processor (6809 and 68070), able to run both Coco3 OS9 programs and OSK, with shared memory. Two cards, and maybe a Coco and/or PC bus extension. Cheap.

Well, Paul Ward realized this wouldn't be cheap, so threw out the 6809 part and the older busses, and added the extra-cost SCSI and other options on a 2nd board. Frank saw it wouldn't be cheap, merged the design into his Hazelwood KBus system, and proved it wasn't cheap with his price lists.

By unloading the 6809, Paul simnplified his software to a straight OSK port plus Kev's windows. Frank's TC-70 should be about the same, but to do the 6809 co-processing mentioned in his ads (a great idea from the old KMA discussion days) requires some non-trivial new software. If it's being actively developed right now, great, and Frank should say so.

(4) A lot of public and private smoke has been blown about who's trying to make money and who's doing it for love, etc. Both sides' prices are set to make a good profit. Paul started out talking lower prices and various favors for developers, but has been convinced that if he wants to be around in two years he can't be so generous at the beginning.

(5) Any OSK applications written for the MM/1 should run just fine on the TC-70 and vice-versa, unless the writers cheated and sneaked around the OS. Since developers have to pay full price for their MM/1s, they should be happy to sell programs to TC-70 owners.

Anyway, some people have good reasons to buy a TC-9 and/or TC-70. My own reasons lead me to an MM/1, but you should make your own decisions.

– Mike Knudsen –

TANDY TENT SALE

Radio Shack (excuse me....TANDY) had another COMPUTER TENT SALE, October 18th – 28th, at the Federal Way Computer Center on Pacific Highway South. Discontinued software and hardware from Washington, Oregon, Idaho and Montana was collected and sold at huge discounts.

(Wouldn't it be nice if Tandy would put out some advance advertising so that more people could take advantage of the sale.)

Anyway, I went to the Federal Way Radio Shack Computer Center Computer Center the first day of the sale and here is a list of some of the "bargains" I took advantage of:

All CoCo and OS9 Software for the CoCo was selling for $5.00

      (OS9 Level Two....$5.00)   **WOW !**

Computer Desks	$ 15.00
Printer Stands	$ 15.00
20 Meg Hard Drives	
(w/case and power)	$150.00
(case,power,controller)	$199.00
(bare SST-225	$ 70.00
360K Floppys	$ 50.00
Printer Paper Binders	$ 0.89
Printer Covers	$ 0.50
Disk storage page insrts	
for pkg of 10	$ 1.25
Disk boxes (hold 60)	$ 1.50

HEY BUDDY.....
WANNA BUY A COCO CHEAP !

R adio **S** hack

FREE WARE
SHARE WARE
PUBLIC DOMAIN

"Common Law" (for lack of a better term) seems to say that pupblic domain/share ware/free ware files should be distributed as far and wide as possible, unless the author specifically states otherwise.

Written Law supersedes Common Law, and Copyright Laws are pretty explicit. This "Common Law" is one of the reasons why so much commercial software ends up on BBS's.

For the record, these are paraphrases of the legal definitions (wording may be less than exact, but the spirit is correct):

– "PUBLIC DOMAIN" is the **opposite** of copyrighted. The original author has explicitly given up all rights to the work. There is no such thing as "PD except you can't do X". If it says it's PD, then you can in fact do anything you wish with it.

Anything that doesn't explicitly say it is Public Domain is Copyrighted, according to the recently revised Copyright law of the US, which was updated to be compatible with the internationally accepted Geneva Convention. For any copyrighted software, you must abide by the restrictions placed by the copyright holder.

– "FREEWARE" is material copyrighted, but with no restrictions upon not-for-profit personal use.

– "SHAREWARE" is material copyrighted, with the restriction that any user must compensate the author.

The widespread confusion over these terms is a real problem. In particular, few people realize that every computer program, picture, data file,

etc, is either public domain or copyrighted. There is no middle ground.

If you want your software to be widely distributed, then you should explicitly say so in the docs or program.

- Tim Kientzle -

P.S. An excellent book on Software Copyright Law is published by Nolo Press in Berkeley, CA. Must reading for anyone interested in this subject, which should include just about every computer user who has ever considered copying or downloading a program. People interested in distributing their software should especially become literate with Copyright laws, whether you give your work away or want to sell it for profit.

<<--CLASSIFIEDS-->>

FOR SALE:

1. 2 Double-sided drives 1/2 height in case wth power supply
2. J&M controller (and cable)
3. Comrex 9" green screen monitor
4. Telewriter 1.0 (tape)

Contact: Rush Caley, 857-7878
             8289 Banner Rd SE,
             Port Orchard, WA 98366

FOR SALE:

1. Rad Warrior CoCo 3 Game Pak
   (New - Never opened) $ 7.00
2. OS9 Level Two (Unopened)
   Cat.#26-3162 $20.00
3. Basic09 (Unopened)
   Cat.#26-3036 $ 7.00

Contact: Rodger Alexander, 734-5806
             3404 Illinois Lane,
             Bellingham, WA 98226

- ATLANTA -
CoCo Festival

As you may know, the traditional Fall RAINBOW-FEST was cancelled...BUT, the greater Atlanta Georgia CoCo/OS9 community organized their own ATLANTA-FEST, October 6th - 7th. It was well organized and the advertising and discount travel/motel packages were excellent. What follows is a listing of attractions and a review of the whole affair by Mark Griffith.

ATLANTA-FEST FEATURES:

Exhibits and demonstrations (and special show prices) from leading CoCo vendors. A GREAT opportunity to "try before you buy" those items you have had your eye on!

VENDORS:

Sundog, Burke & Burke, Microcom, IMS, Gimmesoft, Specialty Projects, T & D, Spectrosystems, Zebra, ColorSystems, Alpha, Rulaford Midwest (CoCo Corner), Supersoft, Peripheral Technologies, Robt. Offerman, CoCoPRO!, Second City Software, and MORE!

--> Introductions of striking NEW products, such as the long-awaited MM-1 from KLE/IMS!

--> Free, informative seminars conducted by leading CoCo experts...covering MANY areas of CoCo interest!

Scheduled SEMINARS

Kevin Darling   ------OS-9/OSK
Glen Dahlgren ------Games Programming
Art Flexser   -------Extending BASIC
J.D. Walker   ------CoCo-3 Graphics
Chris Burke   ------Programming in C
Ed Hathawa   ------Desktop Publishing
Mike Knudsen   ------CoCo MIDI
Dan Robin   ------Writing for publication
Phil Anzalone ------Signetics 68070 prgmng.

--> Free chances to win valuable door prizes, courtesy of participating vendors and the Atlanta Computer Society!

GRAND PRIZE ------ a new MM/1 courtesy of IMS!

--> The opportunity to turn unwanted/unused CoCo soft and hardware into CASH!

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REVIEW

All-in-all, there was alot of interest at the Fest. A great many people were milling around the IMS area and lots of questions were asked. For the most part, many of those were familar with the MM/1 and what it could do, but were not expecting it to be so good. Most were impressed with the speed and smooth multi-tasking.

Kevin Darling wowed everyone with a few graphics demos he completed just Friday night. One was the well known Amiga "Juggler" with animation and sound. Pretty nifty but nothing really outstanding. Another was an animation of David Letterman throwing something at the screen and ending with a crashing of glass. Still neat but so-so.

One of the best was a Star Wars imperial walker moving across the screen as it fired laser bolts, including the sounds of it stomping and the laser blasts. This, I thought, was the best demo. It was only a few seconds long only because it was all coming from a floppy disk and there was not enough room for the entire sequence.

The absolute neatest demo was the entire closing theme from the Star Trek movie with an animation on the screen of the Enterprise warping into hyperspace. The best part of this was it was full DMA stereo sound. While the song was playing, you could get directories of floppy drives -- whatever you wanted to do without slowing down the sound output. And, it really was in full stereo.

The person who won the drawing for a free MM/1 was an elderly lady who said she was going to use it to "compute". I'm not sure she knows what she got (grin).

Anyway, the entire show was pretty good. Lots of people there from all areas of the country, including some from the Netherlands! Kevin Darling's talk was full, but I was kinda disappointed that most of the discussions revolved around "old business" like the Level II upgrade, whether or not the CoCo was really dead (it is), Tandy's Thor devices, and some on CD-I and what it really was. I was surprised that no one asked any probing questions on the MM/1 and what it could do. Oh well.

Got to finally meet Mike Knudsen and Eddie Kuns. Now I can picture the face when I blow off steam

-/\/\ark Griffith -

Club Activities

SEATTLE 68xxx MUG

The Seattle group meets the first Tuesday of each month in Gugenheim Hall on the U of W campus at 7:30. The November 6th meeting will feature the 4th part in a series of OS9 Tutorials presented by Scott Honaker. The group is also putting together a club computer that will be available at all meetings. At the November meeting a portion of the meeting time will be used to install the 512K memory upgrade.

BELLINGHAM OS9 USERS GROUP

The Bellingham group meets the 2nd Thursday of each month at Sehome High School at 7:30. The November 8th meeting will feature guest speaker Paul Kehler, Clear Brook Software, Abbotsford, B.C., will demonstrate several of his companies products including IMS Database for OS9 Level Two and an MS-Dos File Utility foir OS9 Level

Two. Also club member Craig DuBois will demonstrate the installation of a Burke and Burke Hard Drive Interface and Controller along with his newly acquired 20 meg hard drive that he purchased at the Tandy TENT SALE this month.

PORT O'COCO

The Port Orchard CoCo Club has its upcoming meeting on November 19th at 7 p.m. in Port Orchard. The meeting will have another lesson in BASIC by Mark King.

No reports available from:
    LONGVIEW/KELSO COCO CLUB
    MT. RAINEER COCO CLUB (Tacoma)
    SECCUE USERS GROUP (Far Point BBS)
    SPOKANE COCO CLUB

Barbecued RiBBS
0-9 "DOWNLOADS"

Barbecued RiBBS is a PC-Board (That's right....MS-Dos System) that operates 24 hours at 300-2400 baud with terminal settings of 8-N-1. Barbecued RiBBS is located in Bellingham, WA at 676-5787.

This Bulletin Board system operates as a mini Compu-Serv or Delphi, with over 30 Special Interest Group areas, including MS-Dos, Amiga, Apple and of course CoCo/OS-9.

The CoCo/OS-9 Sig boast Public and Private Message area, Informational Bulletins and 4 download directories.

Dir.No. File Types
    20   CoCo Applicatons/Utils.
    22   CoCo Games
    25   CoCo/OS9 Text Files
    26   OS 9 Applications/Utils.

Here is a listing of Directory 26:

File	Description
ADRLABEL.PAK	Quick Easy Basic09 address label maker
AR.AR	ARCHIVE UTILITY IN "ARCHIVED" FORM
AR.BIN	OS9 ARCHIVE UTILITY PROGRAM
AR.DOC	OS-9 ARCHIVE UTILITY DOCUMENTATION
AR.HLP	Help file for AR.BIN Archive utility
BBFHDISK.PAT	Bug patch for B&B BBFHDISK module
BIGT.I	Basic09 term.CoCoBin protacol(del markers
BIGTNEW.TXT	Documentation for BIG-T term program
BOUNCE.AR	Bouncing Ball demo to show off FSTGRF AR
CALENDAR.88	Screen calendar for OS-9 level II
CALL.AR	Utility to recall commands from Stdin for
CALL.BIN	Recalls Stdin: ls *.c !Call copy $ /d0 !shell
CC2.C	C.Compiler replacement for CC1 on a CoCo-
CC2.DOC	CC2 OS9 "C" compiler documentation
CC3DISK.V10	Version 10 of CC3Disk. Req.by RSDos/PCDos
CCFIX.BIN	CoCo3 screen access via OS9 Level 1 vers.
CHECKS.PAK	OS-9 DYNACALC template for
CHOOSE.AR	Mouse controlled directory utility
CO380.BIN	CoCo3 screen access via OS9 Level 1 vers.
CO380.DOC	CoCo3 screen access via OS9 Level 1 vers.
COCO3IBM.AR	4 VEF pics to put a CoCo into an IBM XT
COLORDMP.AR	Color VEF Dump for the NX 1000 printer
COPY.PAK	PD COPY utility to replace Microware's
CUTS.MAN	Documentation for CUTS encoding/decoding util
CUTS.OS9	En-coding/de-coding ascii file transfers
DAM2.AR	Disk Allocation Map--Graphic display of....
DASM.PAK	ASM/RMA Disassembler
DATAMOD.AR	Converts shell script files to binary
DCHECK.OS9	Utility to check disk file structure
DED.AR	Level-II OS9 Disk Editor (Latest version)
DED.PAK	Level-II Disk Editor (Need to "Un-Pak"not AR
DESKMATE.OS9	Text file for making a single disk
DIR.PAK	PD Dir Utility to replace Microware's DIR
DIRCOPY.OS9	Updated version of DirCopy for OS9 Level-II
DIRUTIL1.AR	512K version (faster) of DIRUTIL
DIRUTL.AR	Graphic dual directory utility program OS
DISKCAT.PAK	Catalog OS9 Disk Directory/Files to
DISKZAP.OS9	OS9 Disk Zapper Utility
DMODE.AR	Modify disk descriptors on the fly (newest)
DSKCHNG1.ASC	MPatches 40tks. DblSide. 6msec stepping
DSKCHNG2.ASC	Same patch but for Level 1.0 vers. 2.0
DSKOPT.PAK	Text/Graphics display of Disk Structure
DUPEFILE.AR	Duplicates filename on multiple directories
ED15.AR	Simple word processor for Level-II
ED16.AR	Simple text processor for OS9 (Bugs fixed)
FINDER.DOC	OS9 filefinder program. needs editing to run
FSTGRF.AR	K.Darling's patch to increase speed of
GFX3.AR	Enhanced version of GFX2. from HaysBBS
GIANTLTR.OS9	Large graphic signon screen for system boot
GRAPHPRT.AR	VEF pic. printer dump for many type
GRFDRV2.AR	Patch to FSTGRF and GSHELL+ for faster
GSHELL.AR	Upgrade to Multi-Vue's Shell for OS-9 L2
GSHELL.PAT	Multivue's GSHELL patch file to correct
HDC.AR	C.Compiler updates for OS9 level-2 on
HDKIT.AR	Hard Drive Backup/Restore/Pack Utility
HDO.AR	Auto-Menu program for Level II HD systems
ICE.PAK	Deluxe Icon Editor for level-2 OS9
INSULTER.B09	Merge with "runb".Periodically insults

File	Description
JTERM.PAK	Excellent terminal program for OS9
KERMIT.BIN	Kermit system protocol term. prog in
KERMIT.DOC	Kermit system documentations
KREIDER1.LIB	C.COMPILER LIBRARY (CLIB.L)
KREIDER2.LIB	C.COMPILER LIBRARY (CLIBT.L)
KREIDER3.AR	C.COMPILER LIBRARY DOCUMENTATION FILES
KREIDER4.AR	C.COMPILER LIBRARY HEADER FILES
LOGINFIX.AR	Patch to make lev-I "login" work on lev-II
LS.AR	Unix type directory utility for OS9
LSH.OS9	Unix hard drive/floppy directory utility
MODBOOT.ASC	Creates new OS-9 Boot with DISKCHNG patch
MODDOC.AR	Documenation for MODUTIL.AR
MODUTIL.AR	format,backup,pmode,xmode
MORSE.AR	Converts/List ASCII text to Morse Code audio
MROFF.AR	Very extensive text print formatter
NEWCRC.OS9	Replaced standard VERIFY util (easier to use)
NEWXCOM9.PAK	Enhanced version of XCOM9 terminal prgm.
ORCHMUS.AR	P.D.Musica program...reads orch90 files
OS9CON.C	KERMIT terminal program module
OS9GET.C	KERMIT Terminal program module
OS9QUI.C	KERMIT Terminal program module
OS9RAW.C	KERMIT Terminal program module
OS9SEN.C	KERMIT Terminal program module
OS9UTL.C	KERMIT Terminal program module
OSTERM.PAK	Telecommunications package for level2 OS9
OSTERM2.PAK	OSTerm Telecommunications program. vers
PAK.ASM	Archive utility. Slower but more
PAK.DOC	Documentation for PAK Archive utility
PASCALFX.AR	Patch for PASCAL OS-9 to work on Level II
PATCHES.OS9	Level2 patches for 0-pak's Xdump,Xdir,Xcopy
PCDOS.BIN	PC-Dos to/from OS9 (CC3Disk driver
PILOT.AR	Computer-aided instruction language(OS9
PIXLOADR.VEF	VEF graphic file loader to a 32x16
POP.AR	Window creation utility for level-2 OS9
PURGE.PAK	PD DELETE utility to replace Microware's DEL
RAMMER.OS9	Keven Darling's Level-II Ram Disk
REBACK.AR	Enhancement for Peter Lyall's HDKIT utility
RMABUG.PAT	Bug patch file for level-2 R-macro
RSDOS.AR	File transfer utility from RSDOS to OS9
SCPATCH.AR	Patch to correct 7-bit bug in Supercom
SCRIP3.AR	Collection of script file for use with
SHELL21.AR	Latest version of SHELL+ without bugs.
SHELL3.AR	Enhanced shell for Level-II OS9
SSCLK.AR	SpeechSys Real Time Clock upgrade for L-I
STRIP.OS9	Strips or adds LF CR and Backsp to textfiles
SUMMARY.AR	Print summarised reports from OS-9 DYNACALC
SUPERCOM.ARC	OS9 level-II terminal package with docs.
SUPERDIR.AR	Super Directory Utility (updated Jul89)
SWISE.AR	Sidewise printing of OS-9 DYNACALC files
TELSTAR.AR	Super Smart Terminal for OS9 like Procomm
TELSTAR.OS9	Best terminal program windowing/dialing
TELSTDOC.AR	Telestar term. program documentation file
TERM380.BIN	CoCo3 screen access via OS9 Level 1 vers.2
TSEDIT.AR	Patch to TSEDIT for 80col Lev-II operatio
UEMACS.AR	Mainframe (VAX) standard screen editor
ULDIR.AR	Renames DIRs to upper and FILES to lower case
ULTRACIA.PAT	Patch for ACIA module for improved speed
UNZIP2.PAK	Utility for OS-9 L2 to unZIP MS-DOS files
UTIL2.OS9	Utilties: DirM, MMap, PMap, SMap, DMem
UTIL3.OS9	OS9 Utilities: Proc, PMap, Paths,DDir, IDir
VDEVICE.ASM	R.S. VoicePak device descriptor
VDRIVER.ASM	R.S. VoicePak device driver

File	Description
VEFNUDES.PAK	NUDES01.VEF NUDES02.VEF, GIRLS.VEF on OS9
VIEWGIF2.PAK	The latest/best GIF graphics pic. viewer
VOICE.DOC	Documentation for driver/descriptor below
WCDOCS.BAS	Documentation for WCOPY
WCOPY.BAS	Wildcard copy for OS9 - edit from MS-DOS
WCOPYI.BAS	Install program for WCOPY
WDEL.BIN	Wildcard Del: WDel -w ???.* (also as a filter
WDIR.B09	Window Directory (Complete status of all /W)
WDIR.BIN	Wildcard Dir: WDir -w *.c or WDir -w pix??.*
WDIR.DOC	Wildcard DIR basic09 program. needs editing
WILDCARD.BIN	Wildcard (*,?) directory utility
WIZDOC.AR	CoCoBin protacol terminal prog.
WIZPR1.AR	CoCoBin protacol terminal program (part-1
WIZPR2.AR	CoCoBin protacol terminal program (part-2
WIZPR3.AR	CoCoBin protacol terminal program (Part-3
WIZPRO.PAK	WIZ Professional terminal program for OS9
WIZPRO.TXT	CoCoBin protacol terminal program

The followng is a list of OS-9 text files on Directory 25:

File	Description
1MEGVIEW.TXT	Review of Disto's 1 meg upgrade kit.
ACIAPAK.MOD	Instruction for mod to Deluxe RS-232 pak
BADBOOT.TXT	THE CURE for OS9 Level-II Format/BootProbs.
BOOTORDR.AR	K.Darling's text on OS9 Boot Order
CCNEWS1.AR	CoCo Newsletter from Falcon's Lair BBS
CCNEWS2.AR	CoCo Newsletter from Falcon's Lair BBS
CLIPBORD.TXT	Std Addr/Routines for Multivue's Clipboard
COCO-3.TXT	Notice of incompatibilities and patches
COCOHELP.TXT	TANDY phone # list for parts,software,help
COCOPROG.TXT	Radio Shack special order CoCo/OS9 Programs
CTUTOR.AR	Excellent, concise "C" language tutorial
CTUTX1.AR	CTUTORIAL sample/example source files #1
CTUTX2.AR	CTUTORIAL sample/example source files #2
CTUTX3.AR	CTUTORIAL sample/example source files #3
CTUTX4.AR	CTUTORIAL sample/example source files #4
DRIVETYP.TXT	DISK CONTROLLER INFO BY SCOTT HONAKER
FHLCOCO4.TC9	Frank Hogg's CoCo4 Tom Cat (TC9)
LEV2BUGS.TXT	List and patch for bugs in Level-II OS-9
MTERM.TXT	PATCHES FOR MODEM-II & HAYES TONE DIALING
NETWORK.TXT	Description of networking hardware interface
NEWSLETR.APR	Bellingham OS9 UsersGroup April Newsletter
NEWSLETR.FEB	Bellingham OS9 Users Group Feb'90
NEWSLETR.JAN	B'HAM OS9 USERSGROUP January '90
NEWSLETR.JUN	Bellingham OS9 Users Group Jun'90
NEWSLETR.MAR	Bellingham OS9 Users Group Mar'90 Newsletter
SCUF989.LTR	SKAGIT COMPUTER USERS FORUM SEPT.
SSPAK.TXT	Instructions to modify RS-SoundPak for CoCo3
STRPPAK.BIN	Strips xmodem padding from AR/PAK files
TSEDIT.TXT	PATCHES FOR HIGHER SPEED OPERATION
TW80.PAT	Double Sided Disk patch for Telewriter-80
UPGRADE.OS9	Description of new upgrade by Kevin
WHYOS9.TXT	Planning on moving up to OS9???? ReadThis flrst

Washington State
BBS Listing

The following BBS list will be of interest to CoCo and OS9 users:

FAR POINT BBS (Seattle)
(206) 285 8335 Basic09 RiBBS (Fido NET)

COLUMBIA HTS. BBS (Longview)
(206) 425-5804 Basic09 RiBBS (Fido NET)

BASE ACCUMULATOR BBS (Bellevue)
(206) 455-3410 Level-II OS9 BBS

DATA WAREHOUSE BBS (Spokane)
(509) 325-6787 Level-II OS9 BBS

TIME MACHINE BBS (Tri-City)
(509) 586-2559 CoBBS

BARBECUED RIBBS BBS (Bellingham)
(206) 676-5787

SUBSCRIPTON BENEFITS

As a subscriber to the OS-9 NEWSLETTER, you are also a member of the Bellingham OS9 Users Group, and as such you enjoy the following benefits:

1. Monthly Newsletter

2. Public Domain Librar (5 Megabytes)

3. Technical help on call

4. Free Classified Ads

5. OS9 BBS with over 200 downloadable files

6. Membership list

7. "How To" Video Library

SUBSCRIPTION NOTICE: If you are not already sub-scriber to **OS9 Newsletter**, then consider sending in your check now ($3/6 months or $6 for 12 months). On January 1st the subscription rates will increase to $5 & $10. (still cheap!)

NOTICE TO CLUB PRESIDENTS: Be sure to post or mail in your December meeting agenda prior to November 28th so that they may be included in the December issue of OS9 Newsletter.