



"Dedicated to the classic
ADAM computer system and
the people who use it"



MOAUG wishes you all the
best of everything during
the coming holiday season!

December, 1989

HAPPY
HOLIDAYS



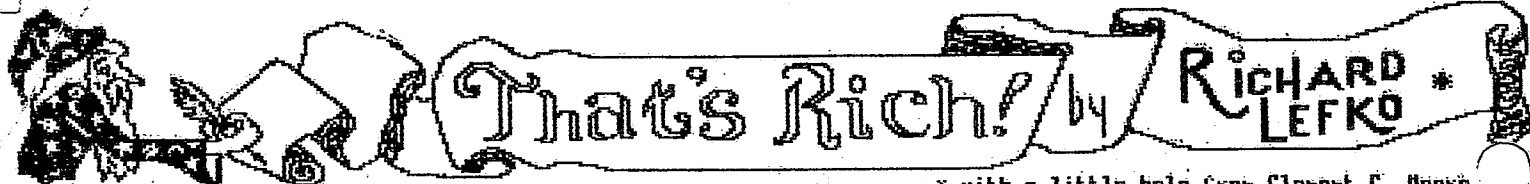
THIS MONTH'S
MEETING IS:
1:45 P.M.

(Address on Back Cover)

Sunday, Dec. 10th

See you Sunday! — Pat

ADAM LIVES!!



* with a little help from Clement C. Moore

This Month: DO NOT OPEN UNTIL CHRISTMAS!

*'Twas the night before Christmas and all through the house
Not a creature was stirring, not even my ADAM-mouse.*

*The diskettes were placed by the monitor with care
In hopes that GoDOS would soon be there.*

*The datapacks were nestled all snug in the drawer
While visions of 2010 filled me with awe;*

*And Nancy in her kerchief and I in my cap
Had just shut ADAM down for a long winter's nap! .*

Ahhh... the holidays! There's something about the season that makes everything seem special. People rushing around but not in their usual kind of hurry, perhaps a merrier kind of rush.

All of this good feeling culminates on Christmas Day when everyone gathers around the tree for the traditional trading of gifts. As the gifts are opened we see folks with hobbies such as woodworking getting things like saws and hammers, videophiles get movies on video tape, stamp collectors get stamps and what about us ADAM hobbyists? *We get clothes!*

Now don't get me wrong, I like clothes and am always thankful for any N gifts, but just once I'd like to open up a package and find some real, honest to goodness, ADAM software.

I'm sure you've asked yourself, "Why don't I get software for Christmas?" Well, I've done some thinking on this subject and here's what I've come up with.

First off, it's not that our loved ones don't want to buy us software, it's mainly because it's so damn hard to find. I think if those that are stuck with the task of buying us gifts were able to just stroll down to the local software bistro and leaf through ADAM software on the shelf, we'd probably be seeing more as gifts. Unfortunately as all ADAM owners know, for most of us, ADAM software can only be purchased through the mail. However, I think I may have found the solution!

Try this. Take all of your favorite ADAM catalogs down to the local drug store or any place there is a copy machine and make two N copies of each order form. I'll explain why you need two in a moment. Bring them home and fill out each one, entirely, for different L pieces of software that you'd like to receive as a gift. (The reason you fill out two is once the package does arrive you still won't know exactly what you've gotten until the day you rip off the wrapping paper!) Now take the completed forms and hand them to your loved one and say something like, "you've been so busy lately that I was concerned about your spending time having to look for a gift so I thought I'd make it easy for you!" Naturally this outpouring of concern can only be rewarded in one way, SOFTWARE! This can also work for birthdays!!

Now if you're really clever you might want to fill out many order forms and leave them in as many inconspicuous, though not hidden, places as possible. Suggested: newspapers, popular magazines, refrigerator doors, taped to the TV screen or into handbags, etc.

I hope that when the big day does come, you'll find that coveted piece of software all wrapped up and waiting for you!! Gotta run now, I've got some forms to fill out!!! Happy Holidays to all!

BIOS CALL

CP/M Librarian Jerome Hess

Well, it's Thanksgiving Day and what am I doing? (Besides waiting for dinner!) ... Diligently writing the latest BIOS CALL... only after being shooed from the kitchen for taste-testing.

Since you last heard from me I have: gotten engaged, lost my job, started school, found a new job, missed ADAMCON1, TREKON 11, and had my car broken into... so please excuse the tardiness and absence of myself and my column. In light of all this, I promised Pat that at the VERY next MOAUG meeting I would have at least the next three articles for the newsletter prepared. Well, the meeting has come and gone, and due to further difficulties neither I nor my articles were there.

In addition, I've moved, and have yet to locate my back issues of the newsletter, thus I'm not real sure of where I am on the starter pack. So here goes...

In light of good packing and poor memory I think I will pick a rather safe subject this month. One that doesn't relate to the other articles but will allow you a little more versatility with C.

In an alphabetical directory of the STARTER PAK you'll find that the 4th entry is unusual in that its name doesn't give you any hint as to what its CP/M function could be. Well, there's a very good reason for that. CATPRTV1.4Z isn't a CP/M file. It's an EOS file that I think is so great that I think everyone should have it. I found this file on the old TARDIS BBS about four years ago and that was the first and last time that I have seen it. Therefore I must assume that this is an as yet undiscovered gem.

So come with me on this day of discovery and let's have some fun!!!

As it sits, the file will do you absolutely no good at all. So, to start with, you'll need to format and sysgen another CP/M disk (or datapack) that you can use as a work disk. On your work disk, you will need to copy several files. The files you will need are: CATPRTV1.4Z, UNCR20.COM, and CPMADAM.COM (from your original CP/M tape.)

If you have two data drives, or one data and one disk drive, or any other combination of media sources, then this copying should be quite easy. If, on the other hand, you have the basic ADAM only one tape drive, then you are in a bit of a bind. (Fear not... This is a bind that we'll get you out of in just a few lines here.) For a multidrive unit you can use the built-in COPY command on your STARTER PAK. Use the command:

COPY A: CATPRTV1.4Z B:

(This is assuming that your STARTER PAK is in drive A: and your work disk is in drive B:. Otherwise use whatever drive letters are appropriate.)

Now, about that bind a lot of folks are in... Well, near the bottom of your DIR listing of the STARTER PAK, you'll find a file called SDCOPY.COM. This file was originally written by John Moore of Atlanta, on the theory that a large portion of the ADAM community has a single drive system. SDCOPY is a Single Drive COPY utility. And it's used like this:

SDCOPY CATPRTV1.4Z

SDCOPY will then guide you through the proper swapping of source and destination DDP's. One warning, though: Perform ALL of the swaps. Even if YOU KNOW that it has written the entire file, keep to the directions; otherwise, you may damage one or both of your media.

So, after some preparation, you now have a work medium that has CPMADAM.COM, CATPRTV1.4, and UNCR.20 on it... along with a whole lot of empty space. Fear not, we'll put that space to good use!

To start with, if you've been following this column, you'll remember that most files having a Z as the second letter of their file extension will be files that have been compressed using the CRUNCH method. Therefore, we need to extract the file into a useable format, like this:

UNCR20 A: CATPRTV1.4Z A: *.*

This will decompress CAT and put it into a readable format.

Great! We now have a wonderful EOS file that's readable in CP/M. Still doesn't do us a whole lot of good, but we're getting there.

CPMADAM.COM was one of those programs that COLECO, in one of their brief flashes of consumer-oriented thought, put together for the poor end user. COLECO realized that, as good as CP/M is, there would come a time when folks would want to swap files back and forth between CP/M and EOS. Thus CPMADAM.COM was born.

As the instructions for CPMADAM are listed in the manual, I'll only briefly touch on it. Type in CPMADAM <Return> and then follow the onscreen instructions, using your newly decompressed version of CATPRTV1.4 as the file to transfer.

The destination medium for CAT can be almost any EOS medium. (My immediate suggestion is the SmartBASIC tape itself, but some folks are a bit skittish about putting files on an "original DDP". Balderdash... there is very little that you can do to SmartBASIC to damage it, and this isn't it.)

OK. Everything appears okay, no error messages, no runs, no drips, no errors! Now why are we doing this again? Oh, yeah... because CATPRTV1.4 is one of the great undiscovered PD EOS programs of the decade. But what's it do? Well, I'm glad that you asked, and you're probably confused as to why I waited this long to explain it to you.

(continued, next page)

BIOS CALL, continued

Have you ever been looking for a particular program and KNOWN that it's on one of your disks or DDPs (motioning to a stack slightly smaller than TRUMP TOWER) but you're not exactly sure which one? Well, CAT will take care of that for you. CATPRTV1.4 is a small, easy-to-use catalog printer of both disks and DDPs in both EOS and CP/M. That's right; with just a few minutes of your time and a few sheets of paper, you can have a very comprehensive listing of ALL the files on each of your disks or DDPs, be they CP/M or EOS, as well as know exactly which medium they are on!!!

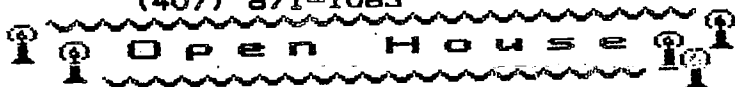
Operation couldn't be simpler. Load SmartBASIC, RUN CATPRTV1.4 and follow the onscreen directions. You select the drive to be cataloged and insert the medium. CAT reads the directory and prints out a listing as well as the title of the medium.

The only drawback to CAT is that I have been unable to get it to work with an external printer. It's my idea that this was written before the parallel printer was as common as it now is, so the option wasn't considered necessary. However, I am hoping someone will solve this. I will load up a disk or DDP, full of my favorite games, utilities, etc. and send it to the first EOS hacker that sends me a modified copy of CAT that works with a wide variety of external printers.

As to why I waited until the end to explain CAT to you... Well, if you'd known all along, then you might have skipped over a step or two, and... well... we can't have that. Besides, it was a good exercise in CP/M, eh?

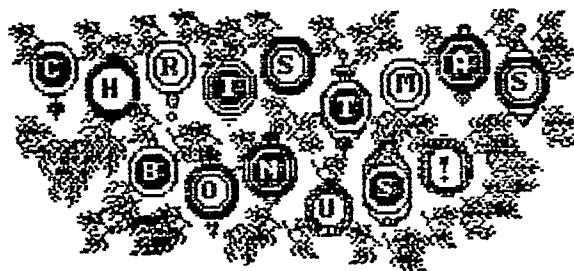
Questions? Comments? (I quit asking for criticisms a long time ago!) Feel free to contact me... At my NEW ADDRESS:

Jerome Hess
P.O. Box 678203
Orlando, FL 32867
(407) 671-1063



The Second Annual Editor's Christmas Party will be held on Saturday, December 16, from 1 PM until 7 PM. You are all invited. As before, this is an extremely informal get-together. Show up whenever it's convenient for you (I know how busy you are this time of year!) and dress any way you choose. Because of special circumstances, this year's event will be BYOB. But I will try to prepare a big pot of the Christmas Clam Chowder you liked last year. Bring the kids or whomever you wish. For our new members, the address is 1003 Oak Lane, and it's not REALLY located in Apopka, but in Forest City. Follow SR 436 to Bear Lake Road, and make a left at the intersection. Go down Bear Lake for about 5 or 6 blocks, past a little church, and turn left on Mirror Lake Drive. (This road is sort of hidden by a large overhanging tree. Look for the brick entrance way with the sign saying Beverly Terrace. It's the next left after the church.) Once you get on Mirror Lake, an immediate left puts you on Oak Lane. This is a tiny, dead-end street; we are in the two-tone house on your right (the only two-story house on the block.) You will have no trouble finding us; we are the family with all the woodworking tools in the carport. (Step carefully!)

For further info, call me at 788-6396.



This year's special Christmas BONUS! was provided by Ricki Gerlach. It is a full disk of HGR screens that can be used to make your own Christmas cards. It even contains greetings in German! On the disk are several graphics files turned upside-down (for the front of the card) and text files turned right side up. When you print them, you can fold them so that they form a card with graphics on the front and text inside. (Actually, the text is in graphics format, too.) They are designed for use with either PowerPAINT or SwiftPrint. You can make changes in the upside-down files if you have both PowerPAINT and SwiftPrint (which has a Flip Picture feature.) Or you can change the wording around by using the Special Text option in PowerPAINT, and rotating it. (It takes some practice to put it just where you want it, but you that's what the UNDO key is for.)

Not everyone has a dot matrix printer, so we will have an alternate BONUS! If you prefer, you can choose the PD program EZMatch, courtesy of Rich Lefko.. This was originally printed in last month's NIBBLES AND BITS. It's a nice Concentration-type game in BASIC.

There's even a THIRD option for new members. If you have been with us less than two years, you might prefer the Christmas BONUS! we distributed in 1987. It consists of several Christmas programs in both BASIC and LOGO.

Come out to the meeting and make your choice!

=====

OTHER GOODIES: Ricki Gerlach also provided us with the BASIC New Year's program in this issue. Ricki's "Learning With LOGO" series will continue next month.

=====

This issue also contains the list of conventioners everyone has been asking for. Monte still plans to send the list to everyone who attended, but it's a valuable reference for those who didn't attend, too. SAVE THIS LIST... you never know when you might need one of those addresses!

=====

We just received review copies of two new releases from Joe Quinn: the BASIC Construction Set, designed for those who want more information on BASIC programming, and THE ABOMINABLE SNOWMAN, which is a graphics text adventure Joe's been working on for months. Joe is a psychologist, and SNOWMAN grew out of a need for a game that would be of interest to the learning-disabled. As soon as I figure out how to get it on datapack, I hope to get our resident teacher, Rick Covell, to review the program. We also want Rick to be the one to review Jim Notini's new educational program. Again, we only have the program on disk. (Rick, what about if I LEND you a disk drive for a week or two while you study these new programs???)

=====

Just for the record, both Jim Notini and Joe Quinn have given permission for me to pass their programs on to the person I think can do the better review. We ALWAYS clear this sort of thing.

ADAMCON 01 REGISTRATION ROSTER

Page 1

REC	FIRST	LAST	CO/USER GRP	ADDRESS	CITY	ST/PROV	ZIP	COUNTRY	TELEPHONE
1	John	Batcher	LAUGH	530 Kelvendon News	Mississauga	Ontario	L4Z 1G4	CANADA	(416) 270-1753
2	Allen	Bell	MOAUG	10484 Montpelier Circle	Orlando	FL	32821	USA	(407) 352-0724
3	Chris	Braymen		734 33rd. Avenue	San Francisco	CA	94121	USA	(415) 387-8236
4	Russ	Burrows		McKishen Rd, RD 4, Box 259	Elmer	NJ	08318	USA	
5	Terry	Cairns	MTAG	50 John Garland Blvd, Unit 108	Rexdale	Ontario	M9V 1N4	CANADA	(416) 746-6291
6	Syd	Carter	TRISYD VIDEO	26 Florence Crescent	Toronto	Ontario	M6N 4E4	CANADA	(416) 769-6446
7	Ed	Cavanaugh	MOAUG	P.O. Box 1046	Lake Wales	FL	33859	USA	(813) 324-1782
8	Herman H	Cherney		47 Winthrop Street	Albany	NY	12205	USA	(518) 459-4114
9	R. David	Cobley	VISA	Compt 36, Suite 116, RR #1	Vancouver Island	B.C.	V0R 2S0	CANADA	(604) 248-9567
10	Ron	Collins	AWAUG	529 Grandview Avenue	Barberton	OH	44203	USA	(216) 753-6971
11	Rick	Covell	MOAUG	6207 Rhythm Street	Orlando	FL	32808	USA	(407) 298-5673
12	Roy M.	Crawford		11911 72nd. Avenue North	Seminole	FL	32642	USA	(813) 393-1366
13	Eric E.	Danz	ADAMZAP	17 Capstan Road	West Milford	NJ	07480	USA	
14	Faye B.	Deere	ELAUG	411-B North Sea Lane	Fort Walton Beach	FL	32548	USA	(904) 244-1516
15	George J	Drank	MOAUG	1301 Polk City Road #40	Haines City	FL	33844	USA	(813) 422-7334
16	Jay	Forman	M.W. RUTH	3100 W. Chapel Ave.	Cherry Hill	NJ	08002	USA	(609) 667-2526
17	John S.	Gairdner		1080 Muirlands Drive	La Jolla	CA	90237	USA	
18	Ricki J.	Gerlach	Gerlach Fam Software	305 Bancroft Avenue	Clarksville	IN	37042	USA	
19	Mark	Gordon	Micro Innovations	12503 Kings Lake Drive	Reston	VA	22091	USA	(703) 620-1372
20	Ramen G.	Griffen		3 Robinhood Road	Albany	NY	12203	USA	(518) 456-3293
21	Ronald G	Griffen		5750 80th Street N. D-305	St Petersburg	FL	33709	USA	(813) 544-4349
22	John S.	Harris	MOAUG	105 Burning Tree Lane	Boca Raton	FL	33431	USA	
23	Merlin	Harris	MOAUG	105 Burning Tree Lane	Boca Raton	FL	33431	USA	
24	Patricia	Herrington	MOAUG	1003 Oak Lane	Apopka	FL	32703	USA	(407) 788-6396
25	David	Hill	MTAG	3189 Chamberlin Court	Mississauga	Ontario	L5N 3M2	CANADA	(416) 824-5434
26	Ed	Jenkins	E & T Software	1010 Westminster	Garland	TX	75040	USA	(214) 414-8156
27	Ed	Jorgensen		2609 SW 13th Place	Ft Lauderdale	FL	33312	USA	(305) 584-9239
28	Don D.	Kasch		313 Fountain Street	Port Charlotte	FL	33953	USA	(813) 624-4645
29	Philip	Kosowsky	Kosowsky's ADAM Rpr	6067 Jerusalem Drive	Clay	NY	13041	USA	(315) 699-6456
30	Harry	Lawrence	MOAUG	1700 6th St NW, Unit C-1	Winter Haven	FL	32881	USA	
31	Eunyce	Lawrence	MOAUG	1700 6th St NW, Unit C-1	Winter Haven	FL	32881	USA	
32	Tom	Loftus		1876 Camille SE	Grand Rapids	MI	49546	USA	
33	David	Luginbuhl		3758 Oak Forrest Drive	Toledo	OH	43614	USA	(419) 382-1317
34	Michael	Lyons		RR #2 Camp Barnard	Sooke	B.C.	V0S 1N0	CANADA	
35	James K.	Marshall	MMSG	330 Bellaire Court	Broomfield	CO	80020	USA	(303) 465-1561
36	John C.	Mattos		1404 Leonminster Court	Virginia Beach	VA	23456	USA	
37	George	McArthur	MOAUG	169 Zernatt Drive	Winter Haven	FL	33881	USA	
38	Shon	McCallum	S & M Video	P.O. Box 3189	Oakton	VA	22124	USA	(703) 620-4485
39	C Murray	McCullough		RR #2	Colborne	Ontario	K0K 1S0	CANADA	(416) 344-7746
40	Dave	McIntosh		7 Monsarrat Crescent	London	Ontario	N5Y 4Y7	CANADA	(519) 679-0578
41	Tony	Moerhen	AJM Software	11 Elliot Avenue	Ottawa	Ontario	K1S 0M2	CANADA	(613) 230-1460
42	Monte	Neece	MOAUG	1048 Winter Springs Blvd.	Winter Springs	FL	32708	USA	(407) 699-6887
43	Alan	Nesley	Adalink of UTAH	2337 South 600 East	Salt Lake City	UT	84106	USA	(801) 484-5114
44	Robert J	Niemeyer		292 Boca Ciaga Point Blvd N.	Madeira Beach	FL	33708	USA	(813) 391-2154
45	Jim J.	Notini	NIAD	812 SW Catherine	Chicago	IL	60656	USA	(312) 961-3529
46	Tony	Patterson	The Software Factory	7125 Dewberry Street	Ocean Springs	MS	39564	USA	(601) 875-2414
47	Howard	Pines	ECAUG (ADAM Repair)	1010 Gloria Avenue	Fort Walton Beach	FL	32548	USA	(904) 862-1007
48	Steve	Pitman	Pitman Software	3705 Church Street	Cincinnati	OH	45244	USA	
49	James	Poulin	MOAUG	1146 Manatee Dr	Rockledge	FL	32955	USA	(407) 631-0958
50	John	Prescott	MOAUG	4215 Crossen Drive	Orlando	FL	32822	USA	(407) 282-4107
51	Dean	Roades	463 ADAM USERS GROUP	9522 Hohman Avenue	Munster	IN	46321	USA	(219) 836-8646
52	Ed	Snow	MOAUG	2136 Churchill Downs Circle	Orland	FL	32825	USA	(407) 390-5124
53	Dave	Snowden	LAUGH	56 White Oak Crescent	Welland	Ontario	L3C 6E6	CANADA	(416) 735-2137
54	Ed	Steele		2101 East Washington	Harlingen	TX	78550	USA	

(continued on next page)

REC	FIRST	LAST	CO/USER GRP	ADDRESS	CITY	ST/PROV	ZIP	COUNTRY	TELEPHONE
55	Robert	Stio	MOAUG	11828-0 Skylake Place	Temple Terrace	FL	33617	USA	(813) 980-0444
56	John	Terry	MOAUG (President)	4901 Chamberlane Drive	Orlando	FL	32812	USA	(407) 380-1400
57	John C.	Tilson	MOAUG	1091 Abigail	Deltona	FL	32725	USA	(407) 574-7024
58	John C.	Villilo	AWAUG	226 N. Lindale Avenue	Ashland	OH	44805	USA	(419) 281-8533
59	James	Walters	Walters Software	Rd. #4 Box 289-A	Titusville	PA	16354	USA	(814) 827-3776
60	Bruce	Walters	Walters Software	Rd. #4 Box 289-A	Titusville	PA	16354	USA	(814) 827-3776
61	Howard	Warden		16 N. Second Street	Fairborn	OH	45234	USA	(513) 678-2235
62	Harold	Weber		2360 SW 22nd Avenue	Delray Beach	FL	33445	USA	(407) 276-0517
63	Neil	Wick		Box 47	Brooklin	Ontario L0B 1C0	CANADA		(416) 655-4065
64	Willie	Williams		2007 N. 61st. Street	Philadelphia	PA	19151	USA	(215) 878-4927
65	Ann	Zajdowicz		1404 Leominster Court	Virginia Beach	VA	23456	USA	
66	Ernie	Zuidema	MOAUG	1048 Beverly Lane	Casselberry	FL	32707	USA	(407) 695-6810

Thanks to MOAUG member James Poulin for providing the preceding list of conventioners. James is keeping the master database. Note: Above figures do not include non-participating guests, nor family members except those registered as full attendees. Records may not include people who attended only one or two sessions. If you have any additions or corrections to these records, please contact James Poulin at the address given in the list.

We also owe James a vote of thanks for providing the downloaded messages from the Akron ADAM Users' group BBS. These arrived in the mail just today, so I haven't had a chance to look at them yet, but I know they are going to be very interesting. I will bring them to the meeting for everyone to examine. Thanks!

Thanks also to everyone who offered to help copying this issue of the newsletter. As I write this, I am not sure who will end up doing the bulk of the work, but everyone who volunteered deserves appreciation. Thank you, Ed Cavanaugh, James Poulin, and Monte Neece! If this issue is a day or two late, it is because we had a hard time connecting; but is certainly NOT because MOAUG members were not cooperative!

George Drank and Harry Lawrence deserve kudos, too. I just received my copy of the videotape they made at ADAMCON. It was a real treat to relive the excitement of the convention all over again! Thank you very much. There are people all over the country who are anxious to see this tape, so PLEASE, be thinking about how we can best copy and distribute it. NIAD is also releasing an ADAMCON video, and there is at least one other raw tape out there (I know Dave McIntosh made one.) All parties seem to be amenable to trading tapes with us.

We are still eager to trade still photos, too; if you took photos at ADAMCON, please contact us.

You may notice that this issue is smaller than usual. You are not missing a page. We have had some problems with postage. We had to add an extra stamp to every copy of one issue. We can't repeat that performance unless we raise dues. Since the December front page is printed on heavier stock than usual, we decided to eliminate one page rather than take a chance on your newsletter arriving Postage Due. (If you ever get an issue Postage Due,

please let me know!) To make up for the missing page, most of the other pages have been condensed. Any input you have on newsletter format will be appreciated. We're still learning here, and every issue is an experiment!

Other format changes: Take a look at the border and MOAUG logo on your front page. In the past, we have been printing front page graphics designed by Mike Graham, founder of MOAUG. Although I hated to part with a design we have been using for three years, those graphics were done on an AMIGA, and most folks agreed that we should take this final step toward all-ADAM graphics. I followed the old layout to a degree. (Mike originally copied a logo I'd drawn freehand.) The new design is not necessarily final; I am open to criticism. This is YOUR newsletter... what do YOU think?

A version of the same logo has been substituted on your back page, too. Two months ago, we began to add a notice to the back page regarding newsletter policy. It is not in final form, but it's a start. You won't want to read this every month, but do read it from time to time in case it changes! As many of you realize, the reason we decided to publish a policy statement is that someone (not one of our regular correspondents) had advertised copies of our newsletter for sale. In his catalog, he erroneously stated that copies originally sold at \$3 per issue. President Terry wrote to this person, who then promised not to repeat the error, but we decided that we needed a policy statement in each issue to protect everyone from that kind of misrepresentation in the future.

And, finally, to the holiday graphics on the front page: your friendly neighborhood newsletter editor spent two days on them (yes, I know I'm compulsive!) If any of you would like copies of the files, you are welcome to them... my Christmas gift to you. They are stored a dozen different ways, though, so let me know what interests you most. All the drawings were done using PowerPAINT. The snowman uses nothing extra; textures in scarf, etc. were done with default brushes. The other graphics, including the giant letters, snowflakes, and all the textures in the ornaments, were done with the help of brushes and sprites from POWERTOOLS, the new graphics package just released by Reedy Software for use with PowerPAINT. Hope you enjoy them half as much as I enjoyed drawing them for you!

RINGS IN THE NEW YEAR

```

OREM  ** ADAM RINGS IN THE NEW YEAR
1REM  ** BY GERLACH FAMILY SOFTWARE 1989
2REM  ** MODIFICATION OF THE ORIGINAL PUBLIC DOMAIN PROGRAM
3REM  ** ADAM 1987
4REM  ** FOR 1991 CHANGE DATA IN LINE 2030 ONLY (SIX
NUMBERS)
5REM          -- ADAM IN 1990 --
10LOMEM :29000: fl=0
20DIM bin(7), lt(30), f(30), s(30), d(30)
30FOR x=0 TO 7: bin(x)=2^x:NEXT x
40FOR x=1 TO 29:READ lt(x):NEXT x
50FOR x=1 TO 30:READ f(x), s(x), d(x):NEXT x
60FOR x=28000 TO 28005:READ ml:POKE x, ml:NEXT x
70POKE 28006, 255:CALL 28000
80HOME:? "TO SET THE COMPUTER CLOCK"
85?
90? "PLEASE PUT THE TIME IN"
95?
100? "HOURS, MINUTES, AND SECONDS"
105?
110? "<FOR EXAMPLE: 095502> THEN PRESS"
115?
120? "THE <RETURN> KEY.":?
125?
130INPUT "WHAT TIME IS IT NOW ?"; tims
140IF LEN(tims)<>6 THEN 80
150 ts=0:FOR x=1 TO 6
160IF VAL(MID$(tims, x, 1))=0 AND MID$(tims, x, 1)<>"0" THEN
ts=0: x=6
170NEXT x:IF ts=1 THEN 80
180 hrs=VAL(LEFT$(tims, 2))
190 min=VAL(MID$(tims, 3, 2))
200 sec=VAL(RIGHT$(tims, 2))
210IF hrs<1 OR hrs>12 OR min<0 OR min>59 OR sec<0 OR sec>59
THEN 80
220 tim=hrs*3600+min*60+sec:HOME
230IF tim>=43195 AND tim<=43200 THEN 320
240FOR de=1 TO 908:NEXT de: tim=tim+1
250 hrs=INT(tim/3600)
260 min=INT((tim-hrs*3600)/60)
270 sec=tim-hrs*3600-min*60
280HTAB 13:VTAB 10
290? STR$(hrs); ":"; CHR$(48*(min<10)); STR$(min);
300? ":"; CHR$(48*(sec<10)); STR$(sec); ""
310GOTO 230
320GR
330FOR x=700 TO 100 STEP -10
340 pitch=112406/x: two=INT(pitch/16)
350 one=128+pitch-(two*16)
360POKE 28006, one:CALL 28000:POKE 28006, two
370CALL 28000:POKE 28006, 144:CALL 28000
380FOR d=1 TO 70-(x/10):NEXT d, x:POKE 28006, 159
390CALL 28000:FOR x=1 TO 50:GOSUB 1000:NEXT x
400COLOR =INT(RND(1)*15)+1
410FOR bitmap=1 TO 29: l=lt(bitmap)

```

--- continued on next page ----->

New Year's Program Listing, continued

```
420FOR q=7 TO 0 STEP -1:IF l<bin(q) THEN 490
430 l=l-bin(q)
440IF fl=1 THEN COLOR =INT(RND(1)*15)+1
450VLIN 4*(7-q)+2, 4*(7-q)+3 AT bitmap+4
460IF fl=1 THEN COLOR =INT(RND(1)*15)+1
470VLIN 4*(7-q)+4, 4*(7-q)+5 AT bitmap+4
480GOSUB 1000
490NEXT q, bitmap
500FOR x=1 TO 30:POKE 28006, f(x)
510CALL 28000:POKE 28006, s(x):CALL 28000
520POKE 28006, 144:CALL 28000
530FOR de=1 TO d(x)*200:NEXT de
540POKE 28006, 159:CALL 28000:NEXT x
550 fl= NOT fl:GOTO 330
1000POKE 28006, 240:CALL 28000
1010POKE 28006, 228:CALL 28000
1020FOR de=1 TO 20:NEXT de
1040POKE 28006, 255:CALL 28000:RETURN
2000DATA      0,0,129,255,1,0,0
2010DATA      0,224,160,161,255,1,0,0
2020DATA      224,160,161,255,1,0,0,0
2030DATA      255,129,129,129,255,0
3000DATA      141,35,2,141,26,3,135,28,1,141,26,2,132,21,2
3010DATA      142,23,3,133,25,1,142,23,2,132,21,1,142,23,1
3020DATA      141,26,3,141,26,1,132,21,2,142,17,2,143,15,6
3030DATA      143,15,2,142,17,3,132,21,1,132,21,2,141,26,2
3040DATA      142,23,3,133,25,1,142,23,2,132,21,1,142,23,1
3050DATA      141,26,3,142,31,1,142,31,2,141,35,2,141,26,6
4000DATA      58,102,109,211,255,201
```

MINUTES OF THE NOVEMBER MEETING

by Secretary Frances Bell

The monthly meeting of MOAUG was called to order by the president, John Terry, at 1:45 P.M.

Since last month's meeting was superseded by ADANCON 01, there were no minutes for the month of October.

Due to the absence of the treasurer, there was no treasurer's report.

Under Old Business:

Monte Neece reported all bills for ADANCON 01 amounting to \$19,000 have been paid. He stated he has been receiving letters and phone calls of appreciation. He is now working on ADANCON 02 to be held in Canada, probably August 1990.

Jack Tilson reported he has received photos from various users' groups and suggested MOAUG buy an album. John Terry will purchase the album for these pictures.

Under New Business:

Pat Herrington, our newsletter editor, announced she no longer has access to a copy machine for the 75 - 100 newsletters sent monthly. Ed Cavanaugh offered to make newsletter copies.

There was a motion to have someone download CompuServe messages and make them available to MOAUG members. James Poulin volunteered to do this. It was suggested that he submit monthly bills to MOAUG for this service. Jack also offered to help make copies of newsletters from other users groups for the MOAUG text library.

There being no further business, the meeting adjourned at 2 PM.

THE NATIONAL SCENE

TDOS: One of the most worrisome problems facing the ADAM community has been solved. We were all concerned about what would happen when we were no longer able to find Coleco CP/M, which has been getting scarce. (M.W. Ruth and other retailers still have copies for sale, but the supply is limited.) CP/M is copyrighted by Digital Research. ADAM retailers have been working on the problem, and they have developed several strategies. However, Tony Morehen of Ontario has been working for a long time on an operating system he calls TDOS. At ADAMCON, Tony confirmed that TDOS will work with virtually all CP/M programs. From all reports, TDOS is an amazing piece of work. But what's REALLY amazing is that Tony is donating it to the public domain! We got a taste of TDOS operating in conjunction with Ron Collins' hard drive at ADAMCON. (The combination is enough to knock your socks off.) As with most ambitious projects, the documentation tends to be a sticky point. Rob Friedman reports that he is trying to help Tony write a very comprehensive set of docs, so that even people who are unfamiliar with CP/M can work with TDOS. Now, THAT'S a big project! But, it will be a real boon to all of us.

COLECO GRAPHICS PROCESSOR: Another real highlight of ADAMCON was the "discovery" of the graphics program that Coleco apparently used to draw their graphics. It was exciting to try and figure out how it worked, in the absence of any docs whatsoever. By trial and error, we discovered some of its features, but it certainly isn't "user-friendly". The colors, for example, are designated by numbers in hexadecimal. Some features are accessible only through the game controller. And, though it has a companion disk with game screens on it, you can't read the factory normally because it's in the wrong place. However, Ron Collins is hacking away at it and developing docs; Sol Swift is working on a program to convert files drawn with it so that we can use them in PowerPAINT; and other talented ADAMites, such as Alan Neeley, Tony Patterson, Jim and Bruce Walters, will be experimenting with it, too. It looks as though the "Graphics Processor" is going to be treated as public domain by the major groups, since it was never sold.

HARD DRIVE EXTRAS: In last month's newsletter, I mentioned that Big John Lingrel has offered to install an internal hard drive in your CPU, if you provide the parts. His price for labor is only \$35. What I forgot to mention is that the installation INCLUDES setting up the hard drive with software. This is an important point because so many of us do not know how to do that. BJ says he will include the current revision of TDOS, EOS, and "a couple megs' worth of utilities." If you are not sure what parts you need, BJ suggests you contact Larry Overman. (Sorry, I still haven't found Larry's address.)

John Lingrel
5665 Meyers
Akron, OH 44319

BBS: (216) 882-4720

NEW VENDOR: R & R Software is a new vendor specializing in PD software at very reasonable prices (\$3 disk, \$5 datapack.) They also will be selling limited quantities of Coleco products when they run across a bargain. Currently they have a couple of original cartridges at \$8 each, including Donkey Kong Jr. and Black Jack / Poker. If you send them a self-addressed, stamped envelope with a particular title you are looking for, they will keep it on file and notify you when they find it.

R & R Software
PO BOX 2081
HANOVER, MA 02339

POWERMATE: I haven't heard any more news about the progress on the PowerMate system described in last month's newsletter. I hope to have more for you on that later. I do know that Tony Morehen is working on developing compatible software.

A MESSAGE FROM FAYE DEERE, ECAUG

As you all know, THE COMPUTER SHOPPER is going to stop carrying the ADAM articles. The word is that they will no longer be supporting ANY Classic Computers, so we aren't the only ones being given the heave, ho! That's the bad news.

On the up side, THE COMPUTER SHOPPER will be carrying my articles until they run out. I'm not sure how many they still have, but I believe they should be running articles at least through January.

Continuing on the up beat...a new computer magazine called the VULCAN'S COMPUTER BUYER'S GUIDE has bought my article on ADAMCON 01, and has agreed to continue to run my ADAM articles on a trial basis. If you can't find this new magazine on your newstand shelves, request that it be stocked. After reading it, if you would write a letter to the editor asking that the articles be continued, it may make a difference. Address your letter to:

COMPUTER BUYER'S GUIDE
Doug Kilarski, Editor
P.O. Box 2705
Titusville, FL 32781.

If you can't find the magazine anywhere, write the editor requesting that it be distributed in your area. Let them know you are out there, and you are interested. This is the only way we are going to continue to have a place to air our grievances, problems, solutions, and joys.

In the meantime, I have a couple of other irons in the fire, and if any of them turn out, I will let you know. If you have any suggestions, let ME know. If you haven't written that letter to The Computer Shopper, do it now. If they change their minds about dropping the ADAM articles, I'm sure we can come up with enough articles to satisfy both magazines.

-- Faye B. Deere

EDITOR'S NOTE: We have received mail from several people who responded to last month's call to write COMPUTER SHOPPER. Thanks to those who took the time and trouble to send me copies of their letters. I believe the majority of editors try to be as responsive as possible to their readers, and some of these letters were VERY GOOD. It's hard to imagine how the editorial staff could resist them! The call continues to go out on bulletin boards, CompuServe, and the ADAM Echo on Fido Net. Who knows? Maybe we will manage to persuade them by sheer bulk. Even if we don't, it's great to see everyone pull together on this type of thing. ADAMites who subscribe to CS have vowed to cancel their subscriptions the day the columns are dropped. Keep it up, gang; we have survived worse than this. We are a stubborn lot, and we WILL be heard!

SUBSCRIPTIONS: This newsletter is published monthly as a free service to members of Metro Orlando ADAM Users' Group. No subscriptions are available. MOAUG membership is open to all interested parties. Present dues are \$12 annually, payable to the treasurer.

TRADES: MOAUG is happy to trade newsletters with any other ADAM organization.

ADVERTISING: Advertising is accepted on a space-available basis as a service to MOAUG members and correspondents. There is no charge for this service at the present time. This policy is subject to change at the discretion of the MOAUG membership.

COPY PERMISSION: This newsletter and the contents herein may be freely copied and distributed by any interested party, unless otherwise noted. Any exceptions to this blanket reprint permission will be clearly identified. Under no circumstances may copied material be offered for sale without express written permission signed by the President of MOAUG.

SUBMISSIONS: Contributions to this newsletter are welcome in any form. Please address questions, comments, and contributions to the editor.

SAMPLE COPIES: Sample copies are available to any interested party. To obtain a copy, send a self-addressed envelope with 45 cents in stamps to the editor. For a second issue, include an additional twenty-cent stamp. This offer is not to be interpreted to mean that MOAUG can repeatedly send free newsletters to the same address. Present funding permits only a few extra issues per month. Requests will be filled from issues currently on hand; no guarantee can be made regarding which issue will be mailed.

CREDIT: Great care has been taken to give proper credit to the source of all articles in this newsletter, including author's byline and original publication if applicable. Any article with no byline may be assumed to be the work of the editor, and may or may not reflect the opinions of other MOAUG members.



Editor: Patricia Herrington
1003 Oak Lane
Apopka, FL 32703

