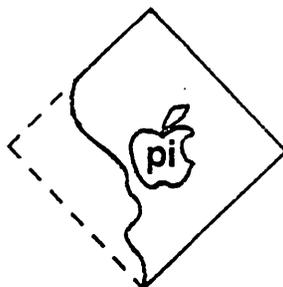


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Apple Pi

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ADDRESS ALL INQUIRIES TO: Mark L. Crosby
 1373 E. Street S.E.
 Washington, D.C. 20003

NEXT MEETING: Saturday, July 28, 9:30 am G.W. University - Tompkins Hall,
 School of Engineering, Room 206. 23rd and H Streets N.W.
 Near Foggy Bottom Metro Station.

NEXT MEETING OF NOVAPPLE: Thursday, July 26 and Wednesday, August 8 at
 Computerland Tysons Corner - 7:30 pm.

Dear APPLE Enthusiast,

The Summer is obviously upon us. Please accept our apologies for the shortness of this newsletter. We did not get too many articles from you. Let's hope that each and every one of you has a fine, restful vacation and will come back full of ideas and eager to make our next newsletter better than ever. How about it folks? We need your help...please send in your articles and/or ideas for articles. (See address on cover).

Bernie Urban

Minutes of our last Meeting - June 23, 1979

The meeting was deliberately kept short. Discussion centered around the availability of PASCAL for the APPLE and pros and cons of various printers and other hardware. Attendees voted to establish a 6 month trial dues structure of \$6.00 per 6 months (we are still not sure of the amount needed to defray the cost of publishing the Newsletter). An application form was to be developed and sent out requesting that interested parties join the group. All non-respondents would be dropped from the mailing list (by October?). The meeting was adjourned to allow for more "show and tell" time and exchange of programs, etc. The newly appointed officers met to discuss organizational matters.

Minutes of the Northern Virginia Apple Users Group - June 28, 1979

The meeting was called to order at 7:30 pm by the President, Jim Nielson. He explained to the group that there have been problems with organization and programs due to two factors: (1) change in location and (2) drop out of past members. The following two specific needs were discussed: (1) the first was for a secretary since the previous secretary expressed a desire to leave the club and (2) the need for a program chairman. After much discussion on the program chairman position, it was decided that volunteers would be requested for a few meetings to select and set up programs with each presenter obtaining a new volunteer. Stress would be placed on group needs and likes. As a result, a program on DOS will be presented on July 11, 1979 and on July 26 a program will be presented on a software program called "The Screen Machine" by Bill Depew. After the programs were settled, attention was turned to the need for a secretary. This need was imperative in order to get bank accounts set up. Since there were not many volunteers, Gerald Eskelund agreed to volunteer until new elections in October. He was accepted by acclamation. The President indicated that the club would eventually have a second meeting place in August if all goes well. This will be at Computers Plus which is moving to Franconia. John Moon, President of the Washington Apple Pi, explained that we would put out a combined newsletter and he solicited articles on all levels. They should be forwarded to Northern Virginia Apple Users Group, P.O. Box 10411, Alexandria, VA 22310. Three interest groups were formed to begin organizing and looking into ways of getting together. The groups were (1) Apple Nuts and Bolts (Hardware), (2) Games and Graphics, and (3) Business. These may be expanded at a later date as numbers grow. The final item of business before breaking into working groups was a motion to establish the Virginia National Bank as the official club financial institution. The motion was made and seconded. The vote was unanimous.

UPDATE ON CALL-APPLE'S CAI PROJECT - by Bernie Urban

A few months ago, Call-Apple announced that Ted Perry would be their contact for APPLE owners and users who are interested in exchanging software and ideas on Computer Assisted Instruction in the home and the classroom. I called Ted on this and, since then, have kept in touch with him on what I could do to help. He sent the following letter which I think may be of interest to some of you. How about helping him out?

in suburban sacramento

SAN JUAN UNIFIED SCHOOL DISTRICT

3738 Walnut Avenue • Carmichael, California 95608 • 916-484-2011

2331 St. Marks Way
Sacramento, California 95825

Dear *Bernie*

Thank you for your response regarding the National Computer Assisted Instruction Library being developed jointly by the Apple Puget Sound Program Library Exchange and the KYDE TYME Project, a Title IV-C software development grant.

I want to apologize for the delay in responding to your inquiry, but we have been overwhelmed by the job of documenting programs. At this point we have approximately 1500 programs in the process of documentation. Most of the programs are games, demos, and utilities and only a few are CAI as such. Many of the programs could be modified to a CAI mode that would accept teacher input (an author mode) and keep records of student progress. Once the first phase of documentation is completed, we will catalog the programs by length, content, equipment required, etc. (see enclosed documentation page).

We now have several tasks before us:

1. Indepth documentation of educational programs by people interested in education.
2. Modification of programs to include clear instructions, to eliminate bugs, keep track of student progress, and in some cases, add a teacher input mode.
3. Piloting the programs with feedback to the library.
4. Receiving new programs for the documentation process.
5. Cataloging and distributing the programs.

If you would like to participate in documentation, modification or piloting process, please write, telling me how you would like to participate and send me a blank diskette (better than that, send me a diskette full of your favorite educational programs). I will return your diskette with a couple of useful utilities, some programs to work with, and the instructions for documenting and modifying or piloting.

I think we are now in a position that we can operate on a weekly turn-around basis. As the library project is operating on a shoestring, a stamped self-addressed mailer with your diskette would be greatly appreciated.

Sincerely yours,



Ted Perry
Project Manager
KYDE TYME Project
CAI for the Deaf

CHANGING "CATALOG" TO "C" - by Mark Crosby

Here are two programs - one for DOS 3.1 and one for DOS 3.2. The former also has two POKE's that disable Volume checking. There is no Volume check in DOS 3.2. Both are for 48K systems.

DOS 3.1

```
10 FOR I = -22481 TO -22434
20 POKE I, PEEK (I + 6)
30 NEXT I
40 POKE -22482,195
50 REM NOW DISABLE VOLUME CHECK
60 POKE -16898,169
70 POKE -16897,0
80 END
```

DOS 3.2

```
10 FOR I = -22317 TO -22265
20 POKE I, PEEK (I + 6)
30 NEXT I
40 POKE -22318,195
50 END
```

VARIABLE SPEED SLOW LIST - by Craig Crossman

Reprinted from ABACUS July 1979

Just BRUN this program; you can then slow list in any one of (10) speeds according to the keyboard number you press. For Integer or Applesoft II.

```
0300- 4C 05 03 10 03 AD 03 03
0308- 85 36 AD 04 03 85 37 60
0310- 8C 61 03 8E 62 03 8D 63
0318- 03 AD 00 C0 C9 A0 D0 12
0320- 2C 10 C0 AC 00 C0 10 FB
0328- C0 9B D0 06 2C 10 C0 4C
0330- D0 03 C9 B0 90 13 C9 C0
0338- B0 0F AA EC 63 03 F0 09
0340- 29 0F 0A 0A 0A 0A 8D 60
0348- 03 2C 10 C0 AD 60 03 F0
0350- 03 20 A8 FC AD 63 03 AE
0358- 62 03 AC 61 03 4C F0 FD
0360- 00 28 08 03 60
```

LOAD your program, BLOAD this program,
type LIST, then hit a number 0-9.
0=fastest
9=slowest

NOTE: Control "C" will stop the listing
in Applesoft normally but will not work
when this program is running.

IN THE BEGINNING.... We are currently negotiating with the ABACUS group in California to obtain a master copy of their program library. We expect to soon have the following disks available. No prices have yet been set but we will probably charge a set price per disk - somewhere around \$3 - \$5 each not including the disk itself. Look for announcements in future issues!

DISK VOLUME 001

I 010 BEGINIT
 B 022 TED II/ASSM
 I 005 ASSM
 A 002
 B 002 VPREFIX
 B 003 XREF
 B 002 BRK.POINT.A#7D00.L#25F
 B 003 PADDLE KAL
 A 002 WINDOUS
 I 003 BSTAT
 B 002 ABBR
 I 055 APPLE.ORGAN
 B 022 EDIT/ASSM
 I 051 M/L TEACHER
 I 063 TABLE OF SUBROUTINES

DISK VOLUME 002

I 012 HELLO
 I 019 LIFE
 I 032 DATA DISPLAY AND SAVE
 I 020 NJ LOTTERY
 I 016 STATES AND CAPITALS
 I 018 BINGO
 I 017 AUTOMATIC BINGO
 I 007 BINGO CARD
 I 034 TITTLE DEMO
 I 008 TUINE
 I 008 BEGINNING
 I 008 COMPUTER ART
 I 008 WINGS
 I 008 TWO CIRCLES
 I 004 PHILA. PINBALL
 I 004 FAST MEN TEST
 I 004 SLOW MEN TEST
 I 007 PHILA. COLOR ORGAN
 I 025 CRYPTOGRAM
 I 024 MUSIC
 I 002 INSTRUCTIONS
 I 014 SLOTS
 I 002 RANDOM LINES
 I 009 THE HART PIANO
 A 010 HANGMAN
 I 023 BLACKJACK
 I 009 STARVARS RESCUE
 I 006 HANGMAN 2
 I 003 SKUNK
 I 007 MOON LANDER
 I 011 LAS VEGAS SLOT MACHINE
 I 008 NEVADA CRAPS
 T 001 FULL FILE
 I 001 BATTLE OF NUMBERS
 A 001 FREE SECTORS

DISK VOLUME 003

I 058 HELLO
 I 003 INTEGER TO APPLESOFT COM
 A 058 BUSINESS/FINANCIAL/SERIE
 I 004 STORE DISPLAY
 I 005 DISK TO CASSETTE
 I 003 LONEM SET
 I 055 APPLE.ORGAN
 A 033 SWORDS
 A 019 APPLE-CHEM
 I 030 DISK WORKSHOP
 I 009 NATIONAL PRIDE
 I 014 HORSE TRAINER
 I 010 VOCABULARY REVIEW
 I 013 VOCAB MODI
 I 002 TGRPEDO RUN
 A 014 HI-0
 A 005 CALENDER
 A 022 GOLF
 B 002 DAVE.HDR
 B 002 FASTSORT
 I 041 CHECKBOOK FOR DISK (VER :
 B 002 DAVE
 B 002 DAVE-1.HDR
 B 002 DAVE-1

DISK VOLUME 004

I 002 WORK DISK
 A 001 LISTS
 B 006 CHARACTER SET
 I 008 T.V. PATTERN GENERATOR
 A 029 ELIZA
 B 004 ALLEY CAT
 A 026 PAY.ROM/V4
 I 006 SHAPE TABLE GEN
 B 018 HIRES
 I 011 GAME OF LIFE
 I 014 APPLE GREETINGS
 I 007 STOP WATCH
 I 006 TARGET SHOOT
 T 001 H
 B 030 TERMINAL
 T 001 FULL FILE
 I 008 SUI6 DISSEMBLER
 I 004 BSTAT
 A 013 BAGELS
 A 055 GAMES.SULLIVAN 32K
 A 014 MULTICOPY
 A 008 LUNAR

DISK VOLUME 005

I 002 HELLO
 I 029 LIGHT PEN
 A 006 POWER CURVE FIT
 A 006 EXPONENTIAL CURVE FIT
 A 006 LOG CURVE FIT
 A 006 LINEAR REGRESSION
 A 010 VECTOR ANALYSIS
 I 008 BATTLE OF NUMBERS
 I 041 SWORDS AND SORCER
 I 014 POWERS TEXT ED.
 I 034 POWERS ASSEMBLER
 B 034 ANDY'S AD BRUN
 A 003 FREE SECTORS
 A 009 TYPE JUSTIFICATION

DISK VOLUME 006

I 013 HIRES
 +I 040 APPLE.HIRES.PAK
 +I 017 NOIRE.TAPESTRY
 +I 012 COLOR.KINESIS
 +I 013 SUPER.HIRES.GRAPHICS
 +B 006 SUPER.A#1000.13FF
 +B 008 SLEEPYTIME.#800.DFFR
 +I 034 SLEEPYTIME
 +I 014 PLOT.3-D
 +B 034 PLOT1
 +B 034 PLOT2
 +B 034 PLOT3
 +B 034 PLOT4
 +B 034 PLOT5
 +B 002 PLOT6
 +B 034 PLOT7
 +B 034 PLOT8
 +I 002 BESSEL.FUNCTIONS

DISK VOLUME 007

I 006 PASTIMES
 +I 007 HORSE.CODE
 +I 023 I.CHING
 +I 003 COIN.TOSS
 +I 011 ANDY'S.TOONS
 +I 030 GIANT.TYPEWRITER
 +I 004 ED'S.LIFE
 +I 030 COLOR.SKETCH
 +I 010 COLORHATH
 +I 012 INFINITE.NUMBER.OF.HONKEYS
 +I 012 BIORHYTHMS
 +I 009 ANDY'S.LIFE
 +I 003 APPLE.POOP.PLOT
 +I 030 SUPER.KALAIIDOSCOPE
 +I 047 GREAT.AMERICAN.PROBABILITY.MAC
 I 019 MUSICGENERATOR

DISK VOLUME 008

I 002 HELLO
 I 005 WEYMAN'S BSTAT
 B 002 FREE SPACE
 I 011 ANDY'S MAZE RACE
 I 009 IQ TEST
 A 051 DEPTH CHARGE (TEXT)
 I 051 MULTI TONE
 A 010 FAST FOURIER TRANSFORM
 I 025 INTERSTELLAR
 A 015 MENSCHEL HI-RES
 I 019 DISC.OF.MONTH.COMMENTS
 I 002 HIRES MEM.ORGANIZATION
 I 013 MEMORY SPY
 ? 022 NETFLOW.COST
 I 013 SUB
 A 007 HEAPSORT
 I 001 DUCK SHOOT

DISK VOLUME 009

I 031 HELLO
 T 004 DISKTODISK
 T 003 DISKTOTAPE
 I 043 APPLESOFT
 A 031 WORLD POWER 6
 B 006 OLD HIRES \$COO.FFF
 I 014 SPIROLATERAL
 A 005 TOTAL
 A 009 KINEMA
 A 008 BUZZWORD
 I 008 UTILITIES
 I 025 POET
 I 016 LIFE
 I 032 BIT BUCKET

DISK VOLUME 0010

I 005 DISK OF MONTH
 I 011 RT. FUJI-FA
 A 024 ALEX'S CALENDAR PART 1
 A 022 ALEX'S CALENDAR PART 2
 A 005 CALENDER
 B 003 CHARACTER SHTABLE
 B 002 SHTABLE LOC
 T 002 CHOICE FILE
 I 041 CHECKBOOK II DISK MODIFIED 2.0
 B 007 COPY.OBJ
 B 010 STING.MUSIC
 I 042 HEX CODES LIST
 A 015 METRICS.KITCHEN
 A 019 METRICS.TEMPERATURE.WEIGHT
 A 025 METRICS.VOLUME
 A 014 METRICS.LENGTH
 A 016 METRICS.AREA
 A 047 TAX 1040 '79
 I 009 SW SOUNDS
 I 013 DEATH RACE
 I 044 FLASH CODE
 I 004 SEARCH
 I 003 NOTES
 T 003 SOME
 T 003 STUO
 I 004 FRACTAL GRAPHICS

DISK VOLUME 0011

I 004 HELLO
 I 011 BOXER
 I 005 MUZAK
 I 006 BID II
 I 005 RND NO FREQ
 I 005 COLOR STROBE
 I 007 APPLE HEX
 I 005 KCLEAN
 I 014 PIZZA
 I 020 COLOSSUS
 I 006 ENTERPRISE
 I 005 PAGE1/2
 A 008 STRING/STORE FOR TAPE
 A 005 SIMPLER INTEREST
 A 010 DAY OF WEEK
 A 004 RANDOM ELEPHANT
 A 019 MADLIB
 I 004 DRAGON LOAD
 B 033 DRAGON
 B 005 HI-RES LOW LEVEL
 I 010 VINCENT
 A 017 DOS:UTILITY #1
 I 017 IMPROVED CAT-1 (SLOW)
 I 007 B/BSTAT (LATEST VER)
 T 001 TOTAPE
 B 008 IMPROVED CAT (B-RUN)
 A 008 TIME TEACHER
 I 004 RENUMBER NOTES
 B 002 INTEGER RENUMBER
 B 002 APPLESOFT RENUMBER
 B 007 PSHAPE
 I 036 SCRAMBLE
 I 014 CLOCK CALENDAR
 I 007 MOUSE
 I 003 QUAD COLOR
 I 007 MUSICAL.WIZARD
 I 003 APPLE
 I 016 HORSE
 I 002 SWITCHBACK
 I 006 BASIC.TOKENS
 I 004 LINE.X.REF
 I 009 THE WORLD
 I 004 WIGWIZ
 B 002 LINEX A#800 L#F6
 I 006 HELLO MYSTERY
 I 004 EIGHT.QUEENS
 I 003 MONITOR COMMANDS
 A 003 AS.REN.FORHAT

DISK VOLUME 0012

I 006 HELLO
 A 050 TEXT OHELLO
 B 005 FIX CATALOG
 I 014 STARSHIP ATTACK
 A 009 PRESENT OR FUTURE VALUES
 A 015 SHAPES
 A 070 CIDER SQUEEZER 3.1
 A 022 STAR LANES*
 A 013 INSTRUCTIONS*
 A 016 CALCULATOR
 B 005 DISK MAP
 A 009 HOME MORTGAGES
 A 027 SUPER HOCKEY
 I 023 FLASHCARD
 I 020 PAINTER-PA
 B 009 DISK COPY
 I 007 AIRPORT
 I 009 MASTER DOS CHANGER
 I 038 SAMPLER
 A 011 YES NO AND PAUSE
 A 011 KENO 20
 T 004 TOTAPE
 I 002 CATALOG FIX
 I 004 ASCII
 I 004 WOODSTOCK