

CoCo-1,2,3

A GLENSIDE
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From the President's Platen

by Tony Podraza

Along with the advent of June come many things to occupy our leisure time thereby making it no longerleisure time. There will be growing grass to cut, screens to put in (if you haven't done so already, you've been quite uncomfortable in the hot, humid days that we've had already), garages to clean out, houses to paint, and so on, and so on, and...

However, when the sun goes down and all the outside work is at a stand still, it is time for The Howdy Dood.... hmmm mmm wrong type of program. At any rate, program is the right word. Have you ever thought about the number of times in a day that you either use a program, execute a program, or are USED by a program? Follow me on this, I'll try not to lose you.

- 10 Input tone TS
- 20 If TS=20to60sec then open eyes
- 30 Hit TS generator with hand
- 40 exec usr AM washroom routine
 - look in mirror
 - stick out tongue
 - say "aaahhhhh"
 - say "tastes like buffalo....."
 - brush teeth
 - wash face

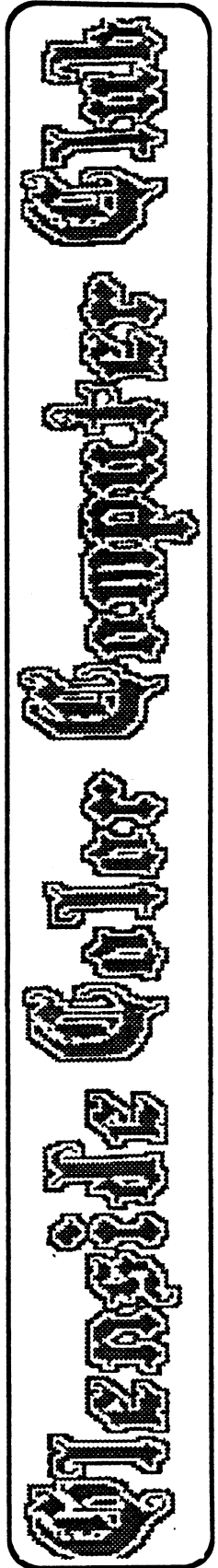
- comb hair
- if usr < male then
- start makeup subroutine to be entered later
- return
- 50 begin sort and selection of clothing
- C\$

Well, you get the picture. Ideally, you would be able to control the events that will occur throughout the course of the normal day. If that happens, you have a very stable, preprogrammed schedule. It could also mean that you are the top man on the totem pole. If the schedule never changes.....watch out! You are in a rut....no unexpected surprises means that you'll never be able to shine as you overcome challenges. Take today, for instance, (PLEASE!) The first item on the agenda was the completion of the repair of an air conditioner that was put on hold due to inclement weather yesterday... following that was a trip to one of the other company locations for some inane meeting or another, but, during the ride to the location, the conversation with the company's president turned to a problem that the St. Louis branch was having with their remote terminal and printer. I won't bore you with the details, but I will tell you that if I hadn't gotten involved with this 'ATARI GAME MACHINE COMPETITION' in 1982, I probably wouldn't have had anything to say during that problem discussion. I'm not saying that I

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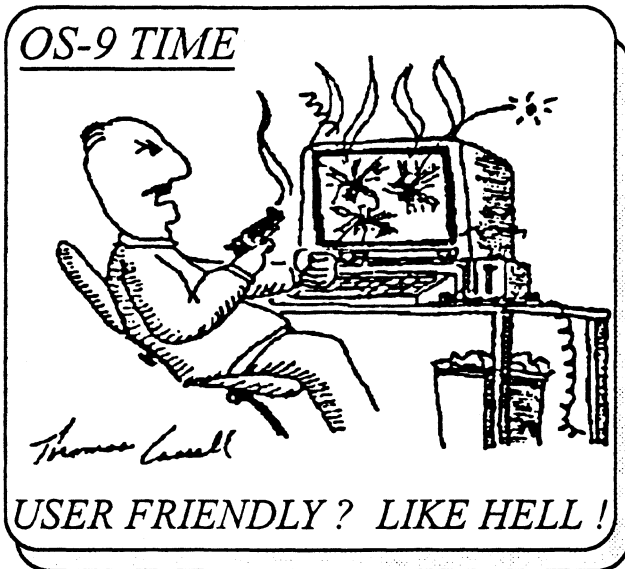
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From the President's Platen

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shined and that my suggestions solved the problem, I don't know, the system analyst is only just now going over the equipment and programming. But the fact that I understood what was supposed to happen and was able to contribute to the possible solution, I think, may have raised the general estimation of my abilities in the president's eyes. All because of my involvement with the programs and hardware of the Color Computer.



GLENSIDE COLOR COMPUTER CLUB

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Forking with OS-9

by David Barnes

Well, it has indeed been a while since I have written an article for the newsletter. With Second City Software, my own business, and the purchase of a new home, time has not been an ally!

This month's article will be short and simple, but hopefully very useful. Many people have asked how to SAVE a device descriptor after using MODPATCH or XMODE to modify it's parameters. OS-9 Level 2 does not include a SAVE command, only the Development System (which is very hard to come by these days) includes the SAVE command.

On page three is an RS-DOS program which when run on a freshly formatted diskette will produce an OS-9 SAVE command and a diskette which will be readable by OS-9. Make sure you save the RS-DOS file prior to formatting a new disk, as the memory contents will be erased by the format command! Simply run the program on the newly formatted diskette and then boot OS-9 Level 2 and place the diskette into drive /d1 and type:

```
copy /d1/save /dd/cmds/save #48k <enter>
```

If you do not have a drive /d1 in your system, remove your system master from drive /d0 and insert the diskette and type:

```
copy -s /d0/save /d0/cmds/save #48k <enter>
```

you will be prompted when to switch diskettes.

The syntax for using the SAVE command is:

```
save fullpathname modulename <enter>
```

For example, to save the device descriptor for the printer, called /p1, after using XMODE to set the baud rate to 2400 you would type:

```
save /d0/modules/p1.dd p1 <enter>
```

this places a new device descriptor called p1.dd into a sub-directory called modules on drive /d0. Please note this SAVE command will not overwrite an existing file. You may have to delete or rename a file and then save it.

CONTINUED ON PAGE 3

SAVE.BAS

```
5 CLEAR3000
10 DIM A$(12)
15 FOR I=0 TO 11 STEP 2
20 READ S
21 PRINT"SECTOR 'S' *****"
25 FOR K=0 TO 1
30 A$(I+K)="'"
35 FOR J=1 TO 128
40 READ X
41 PRINTX;
45 A$(I+K)=A$(I+K)+CHR$(X)
50 NEXT J
55 NEXT K
60 DSKO$0,0,S,A$(I),A$(I+1)
65 NEXT I
99 DATA 1
100 DATA 0,2,118,18,0,79,0,1,0,0,2,0,0,255,21,113,2,0,18,0,0,0,0,0,0,0,88
101 DATA 1,16,23,2,112,100,115,97,118,229,0,0,0,0,0,0,0,0,0,0,0,0,0,0
102 DATA 0,0,0,0,0,0,0,0,0,0,1,0,3,32,1,0,35,1,0,0,18,0,18,3,8,0,86,128
103 DATA 0,0,0,0,0,0,0,0,0,0,0,103,45,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
104 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
200 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
201 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
202 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
203 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
299 DATA 2
300 DATA 255,240,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
301 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
302 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,3,255,255,255,255,255,255,255,255
303 DATA 255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255
304 DATA 255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255
305 DATA 255,255,255,255,255,255,255,255,255,255,255,255,255,255,255
400 DATA 255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255
401 DATA 255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255
402 DATA 255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255
403 DATA 255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255
404 DATA 255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255
405 DATA 255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255
406 DATA 255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255
407 DATA 255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255
499 DATA 3
500 DATA 191,0,0,88,1,16,23,18,2,0,0,0,96,0,0,0,0,0,3,0,7,0,0,0,0,0,0,0
501 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
502 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
503 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
504 DATA 0,0,0
600 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
601 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
602 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
```


GOOD-BYE GLENSIDE. . .

How do you say good-bye to something that has been apart of your life for some nine plus years? An origination you helped birth, nurture and watch grow into something so special that I often considered it family. An organization who's members are so giving of them self, asking in return only friendship, support and caring love.

Saying good-bye to the **Glenside Color Computer Club** is going to be like saying good-bye to a member of the family. The emotions of parting run the full gambit of the senses. It is time to move on, I say, to rejoin my nuclear family. To start a new life, a new beginning...So why has it been so hard to come up with the right words, the right responses, the right parting gesture.

"Family is so hard to leave, to say good-bye for what could be the last time...it hurts! It hurts real bad!"

Leaving the Midwest, Illinois, Glendale Heights, the Dan Ryan Expressway (theres a contradictory in terms) is going to be easy...**Tail Lights and Dust!**

Leaving our house of eleven plus years, my business interest, Illinois Bell or the corn fields that have harvested buildings is going to be easy...**Tail Lights and Dust!**

But leaving the many friendships you have blessed me with has not been easy. In fact it is becoming damn hard. Each last good-bye feels like a driving nail in a coffin. It punctures the heart with irreversible consequences that will sting forever.

Good-bye is a fact of life. Never seeing you again is a by-product of good-bye. Shaking the last hand, hugging the next burly guy, will drive the nails deeper! There is no real return, no turning back and saying, *"Hay guys, it's just another one of my gags"*. It is a fact...It is for real...It is **GOOD-BYE!**

Tail Lights and Dust Illinois! Tears and a loving thank you Glenside! I will miss you all dearly...

GOOD-BYE GLENSIDE. . .

The one good thing that will or has come from all this emotional madness is knowing that the club is in good hands. Under the helm of Tony Podraza and **HIS** troops, Glenside has a very bright future. It will be a **NEW** future with **NEW** ideas, **NEW** challenges, **NEW** experiences and all **NEW** friendships. Life is once again being pumped into the vains of Glenside. A life that can only complement the continued excitement over a little computer with a big heart called the Color Computer.

"Family is so hard to leave, to say good-bye for what could be the last time..."

On many recent occasions I've been questioned, *"What will Glenside do without you?"* Well, my answer is and always will be, *"It will do just fine as long as you give it the same support you gave me and my troops!"* The Club as a whole was built with strong shoulders and caring hands. One is the foundation while the other is the heart. Together, molded into one, this Club can sustain and maintain ANYTHING! However, as with any foundation there is maintenance required and as with any heart, there is nurturing needed to expand its character. If you wish to wallow in the past, the structure will crumble and decay and it's heart will soon stop beating...please don't present me with that sort of parting gift!

Make a commitment to Tony and the **NEW** Glenside! Nothing else will bring me as much happiness and satisfaction...

My very best to all. May your God bring you the love and kindness you have bestowed upon me and my family.

GOOD-BYE GLENSIDE. . .

RainbowFest Review

by Dr. Marty Goodman

Chicago 1991 Rainbowfest gave clear evidence of both the good and bad news concerning the state of the CoCo World. The fact that between half and two thirds the number of vendors from previous shows were present, that roughly only two thirds of the exhibit area used last year was given over to the show, and that attendance was down by between 25 and 50% from last year, and the fact that there were many fewer new software or hardware products were in evidence clearly reflected the substantial decline of the market for CoCo products following the discontinuation of the Color Computer. However, news from the show was not entirely gloomy. There WERE thousands of attendees. Many of the vendors who showed up did REASONABLE business. CoCo Pro and Microcom, the two "sell everything used and new" CoCo vendors who were present did quite reasonable business.

There WERE a number of new hardware and software products being introduced. OS-9 users had a chance to look at and, in some cases buy (albeit in kit form in the case of the MM1 and Tomcat / Tiger / K-Bus) new OS-9 68K machines and were treated to numerous seminars relating to the OS-9 operating system and the new computers that ran it. One vendor noted a striking rise in sales of OS-9-related products. What follows is a report on the show, then some speculation on where the CoCo World is going.

Booths with New Products that Caught My Eye:
Though not yet ready for delivery, the most interesting new accessory for the CoCo 3 demoed at the show was Burke and Burke's use of his CoCo XT interface to support a Logitech Hand Scanner. Chris Burke showed off his prototype, including images he had digitized with it. Several general vendors expressed interest in carrying the product. NMSA Computer Club introduced an aid for hackers who wish to repackage their Color Computer 3 in AT-style cases: A Multi-Pak-like device consisting of two boards that plug into each other at right angles and plug into the CoCo, which fit nicely in a "baby AT" style cabinet, and support up to SEVEN plug in devices. It is compatible with Multi-Pak hardware and software slot selection. Frank Hogg Labs unveiled the Tiger, a 68000 based co-processor board

which, combined with a kind of "mini K-bus backplane", will allow Tomcat TC-9 owners a relatively inexpensive upgrade path to a 68000 systems. Details on this product are to be found in the OS-9 SIG. Frank Hogg's TC-9 RS DOS emulation software is not quite ready for release, I should note. Frank's full K-bus system was on exhibit, too. The tiger, I should note, was not ready for delivery. Second City Software / Kala Software was offering UltiMusE III, along with many other items. Among them was a brand new hardware product that caught my eye. For years I had been telling CoCo owners who questioned me that one cannot use an IBM TTL monochrome monitor with a CoCo 3. Kala now was offering a little blue box that allows the CoCo 3 analog RGB output to be processed into the TTL level luminance/intensity protocol and displayed in black, gray, and white on a TTL IBM type monochrome monitor. Price was only \$19.95 for the product. Due to the difference in H sync rates between the TTL monochrome and CoCo 3, the image does not quite fill the screen. But with appropriate adjustment of monitor controls, much of this problem can be solved, and a quite reasonable display obtained. CoCo PRO! was offering a vast selection of CoCo products. Of course, of most interest to me at their booth was the CoCo PRO! conversion kit that I designed which allows a hacker to relatively easily convert a DC Modem Pak into a general purpose RS232 pak. CoCo Pro! was also offering finished, ready to work, converted paks under the name of CoCo PRO! RS232 paks. I did a little demonstration at their booth in which I did a complete conversion of a DC Modem Pak (taken right out of the box) into a RS232 pak... start to finish in under 45 minutes. The converted pak initially failed to work, I must admit, but I found the problem within 5 minutes (a ragged edge on the ground plane was shorting to the underside of the circuit board) and fixed it, and proceeded to use the converted pak at the Delphi Booth for the rest of the day. Sundog Systems had their full line of extremely high quality arcade games at the how. Introduced for the first time was their OS-9 version of Kum Gai. I watched Eddie Kuns play it while Glenn of Sundog now and then switched between two different OS-9 windows, each with working versions of the game in them!

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