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# ..LE'VZ 200/300 OOP..

AUGUST 1985. #8 \$1.00.

J.C.E.D'ALTON.



Hullo computing friends (OOPs),

I trust that all are well and that the winter has not been too cold for you again. In Particular to my southern readers, as we do not have a winter up in this state, or so I say anyway (being a Taswegian from way back).

I am abandoning the Software Library from this issue, as it has been very disappointing that there has been only a handful of OOP's who have offered any units for exchange. So it will be a listing of software, so you require any unit/s you send your money direct to myself.

I suggest that if there is any software you require that is not for sale to Please contact me and I will Print your request in LE'VZ.

The General List that I issued a few times also gets the chop in it's old form, as it is too costly to keep operating, so I will try something else. The General List will still be A LIST OF OOP's (readers) WHO DO NOT MIND ME GIVING THEIR NAME and ADDRESS TO OTHER OOP's. If you DO NOT want to be on the new General List then advise me. Otherwise YOU WILL BE.

If someone would like a list of say, VZ300 users then I will send that Person a list of VZ300 users who are on the new General List. If you have notified me that you DO NOT want to be on the G. List then your name and address will not be given out. Perhaps someone would like to contact other OOP's in their state, or with the same 'Phone STD code.

To update my Data Base, Please fill out the Printed section which is elsewhere in this issue. In any future communication with me, Please give YOUR RECORD CODE and RECORD NUMBER, ie. mine is A01.

By the way, LE'VZ 200/300 OOP has been running for over a year, which has been hard work but gratifying for me.

A few OOP's have suggested a get together sometime, somewhere. What do YOU think of this?? As there are approximately 130 in the Data Base living far and wide, Perth to Auckland, Darwin to Hobart, the amount of OOP's in one area is small, excepting South East Queensland.

Anyway, if you are interested in this regard, let me know within the next month, so I can let OOP's know in the next issue of LE'VZ. Perhaps something could be arranged for Christmas time.

I thank my friends of the Brisbane branches of Dick Smith Electronics for allowing me to display two small cards advertising my LE'VZ group at the recent Computer Show in Brisbane.

I would like to remind OOP's who have kindly said that they would contribute an article or small Programme to PLEASE do so, as I have asked for contributions from time to time. If you have travelled overseas, tell OOP's of your experience in relation to computing.

Our big Data Base Disc System is now for sale, so if you would like more information about it, send us a large S.A.S.E. Or check your nearest Dick

Smith Electronics store as we have sent a demonstration unit to many of them. Price \$98.00.

Electronics Today International (ETI) May 1985, has an article regarding Video Hardware Interrupt by Steve Olney which is interesting.

ETI July 1985 has an article that compares the VZ200 and the VZ300. Also a little about the Disc Drive system.

Electronics Australia (EA) August 1985 runs a similar review, but includes information about the VZ300 Word Processor.

The ETI July and EA August articles say what I and a few DOP's have been saying in the past about the compatibility of the VZ200 and VZ300 RAM expansion packs. Briefly, THEY ARE NOT. The VZ300 Word Processor in the Rom Unit is of no advantage to existing VZ200 systems, as explained, with the 16K RAM pack unplugged the amount of text is only 5324 bytes. If you have a VZ200 and Disc System, the DSE (E&F) Programme on tape can be <BSAVE>d onto disc by using our Monitor Debugger (TU9), but text is still saved/loaded

Onto tape.

I am glad the articles say that the DSE VZ300 Disc System can also be used with the VZ200. Some of you know that I and a few others have been using the LASER Disc System for many months now, with BOTH computers. Even some DSE staff have not been aware of this compatibility.

Also the Disc System address is below user RAM (7AE9), so it DOES NOT take up "heaps of user RAM" to operate. It DOES use approximately 311 bytes at the TOP of RAM. The statement that there would not be much room for the users Programme/s is another false statement given to Prospective Disc System buyers.

Well that's all folks (DOP's), until next time.  
God bless, John.



#### BUGS.

DSE. DISSASSEMBLER.

LINE 30645 should be:- 30645

Y\$=D2\$(INT((F-1)/2)):IFX\$="Y"THENY\$=D3\$(INT((F-1)/2))

LINE 30880 should be:-

30880P=0:....etc.....

LINE 500 should be:-

500CLS:IN=0

Thanks to Ian Webber and Larry Taylor.

#### HINTS and KINKS.

When <CSAVE>ing Programmes. Enter the following in the immediate mode, ie without a line number, then <RETURN>.

CSAVE"YOUR PROG NAME":FORX=1TO20:SOUND30,1:NEXT:VERIFY

This <CSAVE>s your Programme, gives 20 beeps when <CSAVE>d, and puts the computer in the <VERIFY> mode. Just rewind the tape and Play. Thanks to Joe Leon.

From a young DOP, Michael Novakovic, a few interesting POKES.  
POKE30779,168 keyboard beep and CLS. POKE30779,123 keyboard silent, orange screen. POKE28015,23 screen goes orange and returns to green when any key pressed.

When using the Disc System, the <DIR>ectory can be activated within a Programme thus:-

```
12345DIR
12350INPUT"PRESS RETURN TO CONTINUE";Q$
12355GOTO1000
```

A warning from Larry Taylor.

It is advisable to remove the disc, or at least turn the door knob to open before switching the computer/disc system off. He has lost all data/Programme from a few discs because occasionally the disc drive will start turning with the disc rotating.

The DSE. Programme ORTHELLO is supposed to run in an unexpanded (6K) Vz200, but Derick Odgers says it requires a 24K system.

#### HELP.

Joe Leon requires info re: regards disabling the Printer interface. He wants to wire in a three way switch to select between, 1 Printer, 2 Joysticks, 3 output/input Port. Also does anyone know how to convert the VZ200 16K RAM Pack into a Printer buffer? Does anyone know how to expand the same RAM Pack to 32K using dynamic ram chips? If anyone can assist Joe please contact him at.. Mr. Joseph P. Leon

22 Drury St.  
WALLSEND. NSW. 2287. Phone (049) 512 756.

Mr. James Crichton of 34 Murringo St. YOUNG, NSW 2594.--- would like help with operating the DSE. LearJet Programme. I haven't the details so a short note to him would be appreciated.

#### PROGRAMMING.

This routine allows entry of a number, 01 to 99 with one entry and <RETURN>, and puts the most significant byte into one variable (C1) and the other byte into another variable (C2).

```
28204 INPUT"01-99";N$:C1$=LEFT$(N$,1):C2$=RIGHT$(N$,1)
28205 C1=VAL(C1$):C2=VAL(C2$):C=C1+112:CC=C2+112
```

#### PRINT @ (at)

In mode 1 the screen has 512 locations or 512 squares where a character can be displayed. The character can be a letter (E), a numeral (0-9) or a Graphics character (char). The top left hand corner location is 0 (zero), while the bottom right hand corner is 511.

The statement-- PRINT@240"G"-- means that the letter G will be printed at location 240 which is one of the four locations next to the centre of the screen.

A collection of chars can have their starting location at such a Point, or a sentence of text.

To Print a line of "-" across the screen you could do this:-  
1200PRINT@224,"-----"  
or this:- 1200FORX=224TO255:PRINT@X,"-":NEXTX

Can you see what is happening??  
If you were printing the line of "-" often in a Programme then you would make it up as a string variable ie.

0L\$="-----"

that later in the Programme at various Places you would do this:-

050PRINT0224,L\$

### PRINTUSING

This is used when Printing money amounts in a column, so that the decimal points are all aligned up in a vertical line. This is what happens if it is not used:- 1200PRINT45.06

210PRINT123.66

220PRINT1.00

now with PRINTUSING:-

200U\$="\$###.##"

205PRINTUSINGU\$;45.06

210PRINTUSINGU\$;123.66

220PRINTUSINGU\$;1.00

Now that is nice and neat. Read chapter 19 in the VZ200 Basic Reference Manual and try the other formats.

### SOFTWARE REVIEW.

Steve Le'Brun and his brother have written another adventure game called SCOTLAND YARD.

As you could gather, you have to find "who dunit". A screen copy of the instructions is printed below.

```

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
|
| YOU, SHERLOCK HOLMES AND YOUR ASSISTANT, DR. VEE-ZED, HAVE BEEN
| CALLED TO INVESTIGATE THE MURDER OF A WEALTHY MAN WHO
| WAS KILLED IN HIS OWN HOME.
|
| YOU MUST FIND ALL THE CLUES TO PROVE THAT THE MAN THAT
| SCOTLAND YARD HAS ARRESTED IS GUILTY.
|
|
|
|
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

```

```

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
|
| YOU MAY MOVE THROUGHOUT THE HOUSE USING 'N, S, W, E' AND
| BY USING VERBS FOLLOWED BY A NOUN. EG:- GET KEY
| ALSO YOU CAN ONLY CARRY 10 OBJECTS AT ANY ONE TIME.
| IT IS ADVISABLE TO DRAW A MAP THERE ARE TWO USEFUL COMMANDS:
| 'HELP' & 'INVENTORY' TO ASSIST IN YOUR TASK.
| GOOD LUCK.....
|
|
|
|
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

```

### SOFTWARE for SALE.

Most software is available on disc (D) or tape (T).

Prices are for TAPE units, ADD \$5.00 for DISC units.

D or TU2 EDITOR/ASSEMBLER

This is written in basic. Has most of the usual features.

D or TB1 VZ CASH BOOK LEDGER

A multicolumn ledger to enter your cheque book expenditures. All columns totaled and printed out with a 80 column printer. Saves and loads the data on tape. \$20.00 24K

PA #8

D or TB2 VZ DATABASE \$20.00 64K  
 TB3 MAILING LIST \$10.00. 24K  
 TU4 COLOUR GRAPHICS \$10.00 24K

A menu driven BASIC Programme based on analytic geometry and trigometric equations, with interaction on a number of subroutines and tips on using the others. You get help on the way.

D or TE1 KEYBOARD \$8.00 6K

A keyboard familiarization Programme with 6 speed levels.

D or TE2 WORDMATCHING \$10.00 24K Practice in Homonyms, Synonyms and Antonyms.

D or TE3 MEATPIES \$10.00 24K

Educational decision making business simulation.

D or TU3 UTILITYS \$15.00 24K

This is THE software that many of you have been waiting for. Has a menu of 8 options. Create new Programme List mem in ascii Poke ascii into mem Enter statements into mem Transfer control to Programmes Renumber Find the address of a BASIC line Copy a Programme to another location in memory. It is written in BASIC for the advanced Programmer to enable relocating Programmes and if required to merge them. Supplied with the tape are three Pages of instructions.

TU5 WEAVING DRAFTS \$10.00 6K

This great little Programme in basic is for those into designing weaving patterns. You enter in the harness lifts in sequential order, then the threading from left to right, the number of Pattern repeats and the number of harnesses in each lift. The Pattern is drawn in low res. then after you enter the number of repeats it is drawn in high res.

D or TE4 MATHS COUNTDOWN \$10.00. 24K

A top class maths unit with addition, multiplication, subtraction and division including long division. Various levels. The rocket takes off when a group of answers are correct.

D or TE5 COORDINATES \$10.00. 24K Work with any four quadrants is available.

D or TE6 TOWER OF HANOI \$8.00. 6K

Shift 3,4 or 5 blocks (discs) to another position in so many moves.

D or TE7 MICROSCOPE \$8.00. 24K

Questions on various part of a microscope.

D or TE8 BLOCK PUZZLER. \$10.00. 6K

Very entertaining. The old block game where one square piece is left out so that you can re-arrange the letters.

D or TG2 MANSION and NOVA. \$12.50. MANSION requires 6K but NOVA 24K.

Mansion is a Low Res adventure game. Find an article in the big mansion by picking up clues and objects on the way.

D or T 3 VZ MONOPOLY. \$12.50. 24K

The famous board game in Low Res.

TU12 SEARCHTAPE \$10.00.

A M/L unit that gives a view/printout of the filename, starting address and ending address of a tape Programme. The filename of data saved by the DSE. Word Processor is also given, so you can now find out what files are on a tape without having to load the DSE. W.P.

G13 SCOTLAND YARD. \$12.50.

A low RES. adventure game whereby you find out "who dunit". The game can be loaded/saved to tape if you have to leave it.

DB4 LE'VZ D'BASE \$98.00. A small business or Personal unit. Random Access of records, various view and/or Print formats, for searches or otherwise. The unit is too large to describe here, so if you require further information please send a large S.A.S.E. 100 mm \* 225 mm.

Thanks to Nick van Kempen of East Ballina for this programme "DIVE LOG" which keeps a log for divers.

```

LS
LEAR 10000:CLS
DIMN$(500):DIMA$(500):DIMP$(500):DINT(500):
PRINT:PRINT"          LOCATION"
PRINT:PRINT"          BY"
PRINT:PRINT"          DATE"
3 PRINT:INPUT"INSTRUCTIONS? Y/N";I$
3 IFI$="Y"THENGOSUB2000
3 CLS:PRINT"          MENU" :PRINT:PRINT
3 PRINT"          1 TO CREATE LOG"
3 PRINT"          2 TO SEE WHOLE LOG"
3 PRINT"          3 TO SEE TOTAL DIVE TIME"
3 PRINT"          4 TO SEE DIVES BY DEPTH"
3 PRINT"          5 TO SEE DIVES BELOW 80'"
30 PRINT"          6 TO SEE DIVE, BY DATE"
90 PRINT"          7 TO SAVE"
95 PRINT"          8 TO LOAD"
30 INPUTQ
10 IFQ=1THEN300
20 IFQ=2THEN400
30 IFQ=3THEN500
240 IFQ=4THEN600
250 IFQ=5THEN800
260 IFQ=6THEN700
270 IFQ=7THEN900
275 IFQ=8THENGOTO1000
30 CLS:PRINT:PRINT"          WHEN READY HIT RETURN":PRINT
33 PRINT:PRINT"          DATE"
304 PRINT:PRINT"          DATE STYLE 23-8-84"
305 INPUT" TO CLOSE,TYPE END FOR DATE";X
310 FOR I=P1TO 400:CLS:PRINT:PRINT:PRINT"          ENTER DATE"
312 INPUTN$(I)
315 IFN$(I)="END"THENP1=I:GOTO350
320 INPUT"ENTER LOCATION";A$(I)
330 INPUT"ENTER DEPTH (IN FEET)";P$(I)
335 INPUT"ENTER TIME (IN MINS)";T(I)
340 NEXT
350 PRINT" FILE CLOSED--":INPUT" HIT RETURN FOR MENU";X
360 GOTO120
400 CLS:PRINT"          DIVES"
401 FORI=0TOP1
403 PRINTN$(I);" ";A$(I);" ";P$(I)
407 NEXT
410 INPUT"MENU HIT RETURN";X:GOTO 120
420 CLS:PRINT"          TOTAL DIVE TIME" :K=0
435 FOR I=0TOP1:K=K+T(I):NEXT
447 PRINT"TOTAL DIVE TIME "K/60 "HOURS"
450 INPUT"MENU HIT RETURN";X:GOTO120
460 CLS:PRINT:PRINT"          DIVES"
470 INPUT"DEPTH...";D$
475 FORI=0TOP1:IFP$(I)=D$GOTO620
477 PRINT"NO DIVE AT THIS DEPTH":GOTO625
480 NEXT
483 PRINTN$(I);" ";A$(I);" ";P$(I);" ";T(I)
485 INPUT"ANOTHER DIVE Y/N";X$
490 IFX$="Y"THEN600ELSE120

```

*A Thought.  
When all is said and done,  
there is more said than done.*

P6 #8.

```

700 CLS:PRINT:PRINT"
710 INPUT" ENTER DATE (D-M-Y)";N$
720 FOR I=0 TOP1:IFLEFT$(N$(I),LEN(N$))=N$THEN729
727 NEXT
728 PRINT"DATE NOT ON LOG" :GOTO740
729 PRINTN$(I);" ";A$(I);" ";P$(I);" ";T(I)
730 GOTO740
740 INPUT"ANOTHER DATE? Y/N";X$
750 IFX$="Y"THEN700ELSE 120
800 CLS:PRINT:PRINT"
801 K$="79'"
805 FORI=0TOP1:IFP$(I)>K$PRINTN$(I);" ";A$(I);" ";P$(I);" "T(I)
806 NEXT
810 INPUT"MENU HIT RETURN";X:GOTO120
900 CLS:INPUT"PREPARE CASSETTE THEN RETURN";X
910 PRINT"
920 PRINT#"VZ-DATA",P1
930 FOR I=0TOP1:PRINT#"VZ-DATA",N$(I),A$(I),P$(I),T(I):NEXT
940 PRINT"
950 INPUT"MENU HIT RETURN";X:GOTO120
1000 CLS:INPUT"PREPARE TAPE THEN HIT RETURN";X
1010 INPUT#"VZ-DATA",P1
1020 FOR I=0TO P1:INPUT#"VZ-DATA",N$(I),A$(I),P$(I),T(I):NEXT
1030 PRINT"
2000 CLS: PRINT "
2010 PRINT@67,"THIS PROGRAM WILL ENABLE"
2020 PRINT@99,"YOU TO COMPILE YOUR DIVE "
2030 PRINT@131,"LOG GIVING DATE, LOCATION,"
2040 PRINT@166,"DEPTH AND TIME."
2050 PRINT@230,"DIVES IN EXCESS OF"
2060 PRINT@262,"      80' CAN BE"
2070 PRINT@293,"CALLED UP, AND TOTAL "
2080 PRINT@325,"DIVE TIME CALCULATED."
2085 PRINT@357," DIVES BY DEPTH CAN"
2090 PRINT@391,"ALSO BE ACCESSED"
3000 PRINT:INPUT"MENU HIT RETURN";X:GOTO120

```

END.

A thought.

Don't fail for the want of trying, give it a go.

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Please fill out this section, and post back to me.

Surname..... Your Record code is .....

Mr, Mrs, Miss and Christian name.....

Address..... Post Code....

Computer.VZ200 or VZ300..... Disc Drive yes/no.... RAM expansion...K

Printer or Plotter.....Tape unit.....

Interest??.

Do you wish to be on the new General List? yes or no.

# TRADING Post.....

"RADIO MAN PACK" for VZ200/300 or VIC 20. Log Book, Morse Code, Beam Heading, Typing Tutor. All four Programs on one cassette-- only \$12.00. (Specify Computer).

Also VZ200/300 Parent/Teacher Pack - 10 educational Programs on one cassette--

only \$20.00.

The Programs have been written by a Primary school classroom teacher.

HI-COM PROGRAMS R.S.D 170 P.O.  
EXETER. TAS. 7251.

## VSOFTWAREZ SOFTWARE and HARDWARE.

WE sell our own software and distribute other writers software, see advertisements.

Prices may change without notice for all software and hardware. All are subject to our stock and availability.

VZ200/300 EXTENDED BASIC tape \$15.00.

All software listed in the List Most software is also available on Disc Plus \$5.00.

VZ Data Recorder used \$65.00.

PROTECT TAPE \$14.95 • MONITOR/DEBUGGER TAPE \$14.95

HARRY-RESTORE TAPE \$14.95 • CONERGE-DELETE-REN TAPE \$12.50

Printer Interface used \$15.00.

Printer Ribbons for GP100 \$11.50 each.

C10 Blank Tapes in lots of 5 \$1.20 each.

C20 Blank Tapes in lots of 5 \$1.30 each.

Make cheques and money orders out to J.D'Alton.

