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May 1987

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NEXT MEETING:— 21st May 1987

<<< CREDITS >>>

Graham Black	->	He typed it all in
ZARDAX II	->	Word Processing
EPSON LQ-1500	->	Typesetting
the Hooper Centre	->	Printing & Distribution
the APPLE computer	->	The reason for it all

[Executive Committee]

Terry Sweetser   - Chairman.
Vince Crosdale   - Secretary   BBS Co-Sysop.
Eric Conolly   - Treasurer.
Graham Black   - Registrar - Trading Table Manager - BBS Sysop.
Tony Truscott   - Editor.
Peter Lane-Collett   - Assistant Editor.
Richard Egglesfield   - Hardcopy Librarian.
Bob Godbehere   - Software Librarian.

[Bulletin Board System (BBS)]

Apple-Q RABBS : online 24 hrs
    Telephone : (07) 284-6145 (DATA)
              : (07) 883-1525 (VOICE)
   Baud Rates : 300, 1200/75, 1200 and 2400. CCITT and BELL
   Data Specs : 7 Data bits - 1 Stop bit - No Parity (Full Duplex)
       Sysops : Graham Black   - ph.883-1525 (Note: New Phone No.)
              : Vince Crosdale - ph.351-3090

BBS equipment : Apple //e 128k
              : 1 x 800k 3.5" drive
              : 2 x 1 meg. Ram Cards

Calls to the system : 3380
Registered Users   : 272 (as of midnight 4th May)

SYSOP stands for: SYStem OPerator
RABBS stands for: Remote Apple Bulletin Board System

The BBS will be on show at each Open-Day.

[What's When]

Sunday 17th May 1987
Open Day at the Hooper Centre.
    Hours: 9.00.am. till 4.30.pm.

Monday 18th May 1987
General Meeting at the Hooper Centre.
    Starts: 6.30.pm.

Sunday 21st June 1987
Open Day at the Hooper Centre.
    Hours: 9.00.am. till 4.30.pm.

Monday 22nd June 1987
Committee Meeting at the Hooper Centre.
    Starts: 6.30.pm.

[Registrar's Notes]

Mailing labels. *The format has changed (slightly).*

PLEASE TAKE NOTE...........

Your membership number and membership expiry date are on the first line (at the top) of the mailing label. *This is the only notice you will receive that your membership is due to expire. If your membership is in arrears by more than six (6) months, you will be required to pay the joining fee of $10.* If you do not receive a newsletter, then either your membership will have expired, or you have changed your address without telling us.

Example:

```
 _____
:                                               :
:   MBR # 0999  -  Exp: MAY 87                   :
:                                               :
:   BLOGGS.JOE                                   :
:                                               :
:   34 BLOGGS CRESENT                            :
:   BLOGGSVILLE.QLD          4999                :
:_____:
```

Many thanks to the few members who have taken the time to fill in the Membership Renewal forms, and return them to us so we could update the club records.

At the March Executive Committee meeting, the matter of increasing the membership fees was discussed at length, and increased. At a special Committee meeting held on Sunday 26th April, the Membership Fees were ammended, as follows:

             Joining Fee: $10
           Adults/Family: $20
      Students/Pensioners: $12
     Corporate Membership: (yet to be decided)
     Associate Membership: $5 till the end of September (BBS users only)

(Students under 21 years - Pensioners on production of Pensioner Card
 - at the discretion of the Executive Committee)

oooooOOOooooo

Have you discovered a strange looking power pack with the word 'APPLE-Q' scrawled on the side of it, amongst your gear? The club has lost approx. 12 of these rather expensive little gadgets. We cannot afford to replace them after each meeting. Is someone out there collecting power packs?

Once again I find it necessary to point out that the club rooms are being left in a frightful mess at the conclusion of the each meeting. The same few people are left each month to spend an hour or so cleaning up after the members have finished making a mess. We are getting reminders from the Hooper Centre that the floor is NOT to used as an ashtray. The cigarette burns are

getting excessive. If the committee members walked out as the rest of the members do, then I can guarantee that we would not be allowed back. When we get complaints like this, the cleaning fee is $25, depending on how big a mess is left. THIS MUST STOP. We do not want to have to increase the fees again, just to cover the cleaning costs. There are always at least two (2) rubbish containers at the centre where members can deposit their rubbish. One is beside the coffee machine, and the other is outside the door. Please use them. Also, would the parents who bring their children to the meetings, please stop them from filling the wash basins with sand.

The coffee machine at the Hooper Centre does not belong to the club. We have been given permission to use it, but the coffee costs 20 cents per cup, with or without the ingredients. The cups are not to be used as buckets in the sand pit, and they are not there to be used as ashtrays. If you require a cup for some reason other than coffee, then please get one from the bin. The 20 cents for the coffee can be left on top of the coffee machine in the container provided.

At the May meeting, we hope to have on display, the new machines that Apple has recently released. There will be a demonstration for all those who might be interested.

[Editor's Notes]

As of next month, Tony Truscott will be the Editor of Apple-Bug. He has volunteered his services, and I would like to welcome him to the ranks of the over-worked, under-paid, Executive Committee.

We need articles for the newsletter. We have been told, consistantly, that our newsletter is a good one. People like the articles we are producing, and they tell me they look forward to receiving their newsletter each month. There is only one problem with all this praise we are continually receiving -- *we need more articles to put in the newsletter !!! How about contributing the odd word or two, every once in a while.*

[BBS Report]

by Graham Black

In last months Bug I reported that many users were having trouble accessing the Board. The modem was not functioning as it should. We have now corrected this major inconvenience, by using the standard factory defaults, and by setting the B11 register. We are still having some trouble with power spikes, of course, and the modem is now reset on a regular basis every few days. It will be necessary to install a voltage regulator to help eliminate this problem, as it was discovered that power spikes were affecting the Non-volatile memory of the modem. If anyone still has any trouble connecting, please let us know. If you are using the BELL tones, you can expect trouble from time to time.

The on-line games, Stock Market and Casino, are increasing in popularity. A Dungeon & Dragons game has been donated by the Commonwealth Bank, and will soon be available on the system. I have seen it operating on the 'Nemo Games Machine', in Perth, and I think it will create a lot of interest on our system as well. As the funds become available, we will improve these areas of entertainment.

At the Special Committee Meeting, held on 26th April, the committee
decreed that 'the user shall pay'. There has been a Fee introduced to
Non-Financial Members of Apple-Q, to allow them access to the system. As of
19th May, they will be required to pay $5 till the end of September. This
ensures that only Financial Members will gain Full Access to the system. This
fee will entitle the user to Associate Membership, with no voting rights, and
they will gain access to boards 1 - 6 and the Games Machine, only.

[Update: 27th April 87 - 1:30.am]   *(from the BBS SYSTEM NEWS)*

The time has come when we now find it necessary to charge a fee for access
to this system.
The Apple-Q BBS is sponsored by Apple-Q, the Brisbane Users Group, and to
continue to maintain and improve the system, we need funds. The Executive
Committee has decreed that 'the user shall pay'. We need to purchase the
Hard-Disks required to expand this system, and that costs money that the club
does not have.

As of 19th May 1987, the following Fees shall apply:

VISITOR ACCESS: FREE (Access to the General Board only)
   USER ACCESS: $5 till the end of September 1987
               (Access to Boards 1-6 and the Games Machine)
 MEMBER ACCESS: $10 Joining Fee and $20 per Annum
               (Full Access to the system)

If you wish to gain and/or retain USER ACCESS or greater your remittance
should be made payable to APPLE-Q, and forwarded to:

The Registrar
Apple-Q: the Brisbane Users' Group
P.O.Box 698
Redcliffe - Qld 4020.

The above fees do not apply to Financial Members of Apple-Q. They have
already paid for their access in their fees. These fees only apply to those
people who use the system, and are NOT FINANCIAL MEMBERS OF APPLE-Q.

[Special Discount Offers]

The following Dealers, have offered a cash discount on all Apple products
to FINANCIAL MEMBERS ONLY, on production of CURRENT membership cards. Please
note: Members MUST produce their current membership cards if they wish to
take advantage of this offer.

DELSOUND ELECTRONICS
          1 Wickham Terrace (corner Wharf Street), Brisbane
             telephone: (07) 839-6155
             ask for John

COMPUTER ORCHARD
          671 Gympie Road, Chermside, Brisbane
             telephone: (07) 350-1255
             ask for Scott

THE BYTE CENTRE
>   49 Park Road, Milton, Brisbane
>   telephone: (07) 369-4099
>   ask for James Donegan

COMPUTER CITY
>   600 Wynnum Road, Morningside, Brisbane
>   telephone: (07) 395-6816
>   ask for Peter Newland

[GO FORTH] *(the language)*

by Brett Dutton

Basic has done for microcomputing, what Henry Ford did for the motorcar; that is, made it easily and cheaply available to a large number of people. There comes a point in the education of many micro-users, however, where an urge is felt to branch out into other languages; this step gets more feasible by the month as compilers and interpreters become available for languages hitherto unavailable on micros. Pascal, Lisp, C, PL/I, APL, Forth, Cobol, the list goes on.

Some users will opt for a language with more sophisticated control structures and more readable code, such as Pascal, Cobol, others for speed and economy of Assembler. Standing at this fork in the road between higher and lower level languages, many people have overlooked a less distinct third path, the language Forth.

Developed in the middle 1960's for instument control applications, it was initially only available on main-frame and mini-computers from Forth Inc, a company set up by it's inventor Charles H Moore and his early collaborators. The name came from Fourth Generation computer language; unfortunately the Third generation IBM 1130 on which it was developed only allowed five character identifiers. The news spread and it developed a devoted 'underground' following among groups who have propagated the language by writing and distributing Forth systems for micros among themselves. Now Forth is begining to appear 'off the shelf' for many machines and seems destined to join the short list of popular micro-languages.

The attraction of Forth's 'middle road' for micro applications is that it combines a speed and memory economy comparable to Assembler with a novel modular program structure which, once mastered, allows much more rapid program development than many high level languages, let alone machine code. The price paid is that the source code is not as readable as Pascal or even Basic, and that many facilities taken for granted such as strings, arrays and floating point arithmetic are not initially provided (though they can be added at will once you become fluent). How this happens will only become clear after a little discussion of Forth's unique structure, which is so different from sequentially executed languages like Basic and Pascal that it will provoke to abandon any concept of what constitutes a 'program' derived from basic. At the heart of Forth is a 'dictionary' of around 100 'words' held in memory while the system is active. Fifty or so of these words define machine code routines which are linked and executed when the word is invoked; the remainder are defined in terms of these words. Words have names, like ALLOT, ECHO or +. This concept of defining words using previous definitions is crucial to the operation of Forth and is (this is a crude simile) similar to writing a Pascal program as a cascade of nested procedures. The activity of the programmer in a Forth system consists of defining new words which

perform functions required in his final application. Once defined. these new words are compiled into the dictionary and become just as much a part of Forth as the 'core' words. They can be tested immediately in direct mode, at the keyboard. The programmer then defines the 'higher level' words in terms of these words and so forth (ouch!) until his final program consists of a single word. When this word is executed, one of Forths interpreters looks at its dictionary entry which contains pointers to the word by which it was defined. These in turn contain pointers to the words by which they are defined and so on down to the level of the machine code 'core' words. Each word is 'executed' as it is found so that Forth is neither interpreted nor compiled in the traditional sense, it is both. Thus, Forth enforces the 'top-down' development of programs beloved of structured programming proponents. The source listing of a Forth program consists of a series of definitions of new words (all of which are independently executable) leading up to the final application. These blocks of code could be loaded from disk or tape during developement together with Forth core, but for crucially memory conserving applications, such as industrial control, anything not needed on the run (which includes the compiler and unused dictionary entries) may be stripped away leaving a minimal necessary system for the job; this may be burned into ROM and typically occupy as little as 800 bytes.

A great beauty of Forth is then it's extendability or contractability. The user extends the language himself in the directions which he requires, or pares the system down to target on a specific application. Having written a Forth program it is likely that many words created will go on to be used in future programs.

Forth is more than just another programming language, it can be an operating system, incorporating it's own compiler, interpreter, assembler, text editor and a rudimentry management system; in short it provides a complete environment for the writing, testing, and using of programs. Basic, of course, also provides such an environment, though not so comprehensive, but Forth has a number of distinct advantages over Basic.

The speed of execution of a Forth program is very much greater than an equivalent Basic program, of the order of ten time as fast. A 16-bit machine should execute a Forth program virtually the same speed as an ordinary machine code, and an 8-bit machine should only be slightly slower. A good compiler may be as quick in some applications but it is always possible to use the assembler option and write Forth definitions directly in machine code where speed is really important.

The amount of memory required by a Forth application is also usually much less than with other systems; as with Basic the entire Forth system is resident in memory the whole time; on most systems, however, this only requires 6-8k, and that includes the space for the compiled programs. A little more space is required for disk I/O buffers, or pseudo-disk in a cassette-based system, but this means that a really good Forth system can be fitted into 16K! Compare this with the 48K at least for a decent Pascal system.

Forth is by it's very nature modular, interactive and structured; there is no equivilant to a GOTO statement and it is almost impossible to think of an occasion where one could be used. The modular and interactive nature of Forth is particularly useful an important as it means a program can be developed in small sections which can be separately compiled and tested before using them in larger modules. In practice this leads to a much quicker program development time and fewer bugs. Experience has shown that one should be able to halve this time compared to basic.

The final advantage of Forth, and the one that many feel is the most important, is that the Forth system itself is written in Forth. There are

usually only a few bytes that are outside the dictionary, so that the programs that you write, of the words that you define are treated in exactly the same way as the words that are already there. When Forth is searching for a word in the dictionary it starts with the most recent definitions, which gives you the option of redefining any of the system works, or defining your own control structures. A Forth program is, in effect, better thought of as an extension of the system to provide commands and facilities suitable to your application.

This does lead us to one of the disadvantages of Forth; it can be easy to crash and this is one of the penalties of having so open to the user. Some of the more sophisticated systems do have some protection built in, and it is always possible to add your own, but a certain amount of fragility is a natural consequence of the nature of Forth. It is usually easy enough to recover from such a crash without too much damage being done, but if it is bad enough to need a complete reload and you are using 300 baud cassettes...(no one is that archaic)

The other main disadvantage of Forth, at least as far as beginners are concerned, is its extensive use of stacks and postfix (revese polish) notation. The difficulty that many people have with this is usually more imagined than real; though there is no doubt that a language like basic is easier to learn initially, anyone who understands the basic principles of programming should be able to master Forth without much difficulty.

[Advertisement]

FOR SALE -> Contact Graham Black at the trading table or ph.(07) 883-1525
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NetComm modem 3+12 (manual) $299
Speed Demon (speeds up the apple 3.5 times faster than normal) $500
Roland DXY-800 Plotter (8 colour) includes many pens and paper $1050
Alf Synthesizer + amplifier + approx. 30 disk of music (best offer)

FOR SALE -> Contact Chris Taylor - ph.07-376-6590
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DOS - Applesoft - assorted Machine Language Manuals $10 each
Slimline Disk Drive $130   Drive controller $40
Green Screen Monitor $130   80 col.card (][+) $45
Autoice printer card $ 70

[Chairman's Notes]

Ask not what your club can do for you, but what you can do for your club.

On the BBS, I believe, in order for New Users to get their monies-worth for their initial outlay, they get extra time (up to 3 months - a total of 6 months) for their first $5. If they don't like it they've blown $5 and up to 6 months USER ACCESS. They loose out by not participating in our board. I'm for getting the two (or more...) 5 meg HD's. Running the bbs on the Ram cards can be very dangerous for any data held in them. (One good zap ...). On the hard disks, we can store the software library - the Membership Register - The Cash Register - and anything else that is required for the running of the club. With the Incorporation of the club coming up, we need to keep extremely accurate records.

Regards, Terry Sweetser

[Letters to the EDITOR]

To The Committee Apple-Q

It was brought to my attention, that the club needed to raise funds, and required some suggestions on how we should go about it.

1. May I suggest that the BBS get some sort of sponsor, to offset the cost of running the BBS. (I have spoken at length to a couple of committee people on this subject).

2. That the club sell raffle tickets at the next meeting for a box of disks. (150 tickets at 20 cents each. Should off-set the cost of disks and raffle books, and still show some profit for the club).

3. Any member who would like to donate a can of food of some kind so that when we have collected enough to fill a good sized laundry basket, we raffle it off. (at 20 cents a ticket. Whatever we get for this one will be almost complete profit for the club).

4. Ask anyone who uses the BBS if they would like to make a donation towards the running costs of same. (All donations greatfully received).

Put forward these suggestions in the next magazine and ask if anyone else has any suggestions, or can assist in the running of the raffles, collecting goods,or making a donation. (Any help from members takes the strain off committee).

At 20 cents a ticket a lot of people will be interested in buying $1 or more of tickets. If you increase the price of the tickets, most people will only buy one or may-be two tickets. If the first raffle goes well and quick, suggest another raffle in an hours time. What the heck, you've nothing to lose.

With respect
           Blue Whitworth.

From   -> DREW COX (#10)
Date   -> 04/28/87
Subject -> Re:System Access

This is a bit of a shock. After all the ruckus that was raised over the few dollars extra for the club membership I'm surprised you were game. I feel that the $20 per annum is too extravagant for the use of the bbs. I'm not a winger, and I suppose that I will pay it, if I have to, but many won't, and a bbs lives by the number of users it has. Maybe you should dispel user access, and have only a lower priced member access. Maybe you should get the same amount of money out of it. Or maybe you could drop the joining fee for current members of the club ???? This is only food for thought, so don't get upset.

See ya
Drew

REPLY   SYSOP: The quoted membership fee of $5 until the end of September, only applies to Non-Financial Members (User Access) on the BBS. If you are a Financial Member of Apple-Q, then you have already paid for your access in your membership fees. The joining fee, along with the new Associate Membership Fee of $5, will be used to offset the running costs of the BBS. It was suggested, that $5 per quarter be the fee for access to the system. The whole matter of fees will be reviewed before the end of September. We are trying to encourage people to join Apple-Q, but a lot of the users do not own Apples, and therefore have no interest in the club, other than the BBS. You are correct in saying that 'a BBS lives by the number of users it has'.

[Software Library]

Softdisk Volumes:

The files are divided into sections, and the files in each section are required for the particular applications. The prefix before each file name represents the file type. i.e. B=Binary T=Text A=Applesoft I=Integer. Each section is seperated by a string of -'s and each volume is seperated by a string of ='s.

Softdisk Volumes:

Volume # 40 - Disk 1 - Side 1 : FREE SECTORS = 17 (4.25k)

A HI	A HELLO
B SOFTCOVER	A MENU
B SIDE NUMBER 40	
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A BLOCKOUT	T ABOUT.BLOCKOUT

A APPLE PIANO INTRO	A APPLE PIANO
B MUSIC SHAPES	B TYPEFACE
T ABOUT.APPLE PIANO	

A TRANSCRIPT EVALUATOR	T TRANSCRIPT EVALUATOR-INFORMAT
T ABOUT.TRANSCRIPT EVALUATOR	

A WAVES	T ABOUT.WAVES

A MENYOO	. A HANGMAN
A MAKEFILE	T WORDFILE
T ABOUT.HANGMAN	

A HEART BEAT	B TEXT
B SMALL.FNT	B HEART BEAT.PAC
B HEART.SHP	B PACK.UNPACK
T ABOUT.HEART BEAT	

A CASSETTE LABELS	T ABOUT.CASSETTE LABELS

A PRINT SHOP EDIT GRID	T ABOUT.PRINT SHOP EDIT GRID

A READ CATALOG	T ABOUT.READ CATALOG

A PACKER/UNPACKER	B PACK/UNPACK
B TEST.PIC	B TEST.PAC
T ABOUT.PACKER/UNPACKER	

A BFILE MODIFIER	T ABOUT.BFILE MODIFIER

T DUMP	A MEMORY DUMP
T ABOUT.MEMORY DUMP	

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Volume # 40 - Disk 1 - Side 2 : FREE SECTORS = 19 (4.75k)

A HELLO	B SIDE NUMBER 40

A NUMBER 40 COVER	B COVER.NUMBER 40.PAC
B COVER ANIM	B PACK/UNPACK

A SOFTDISK PRESENTS	B LOWER TEXT
B LOWER MUSIC	B PLAYER
T STASH HI	T RESTORE LOW
A RECON	T RECONT

T FEATURES21	T SOFTGAB
T PROGRAM OF THE MONTH	T RECIPE OF THE MONTH
T BACK ISSUE OF THE MONTH	T QUOTE OF THE MONTH
T CALL FOR SOCIAL SCIENCE SFTWR	T WHEN YOU GET AN ERROR

A Q & D SOFTDISK SCANNER	B Q & D RWTRACK

A RECOLLECT	T RECOLLECT HIGH SCORE
B SOUND ROUTINE	T R.TV SHOWS
T R.WRITTEN WORD	T R.LITERARY
T R.BASIC FACTS	

A BUSS' SLIDE SHOW	B TRANSITIONS
B PICTR.ROSE.PAC	B PICTR.TIGER.PAC
B PICTR.GEESE.PAC	B GRIFFIN.PAC
B DRAGONHEAD.PAC	B PANDA.PAC
B FLAMINGOS.PAC	

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Volume # 40 - Disk 2 - Side 1 : FREE SECTORS = 33 (8.25k)

A HELLO	B SIDE NUMBER 40

A POE ADVENTURE	A ABOUT.POE ADVENTURE
T R1	T R2
T R3	T R4
T R5	T R6
T R7	T R8
T R9	T R10
T R11	T R12
T R13	T R14
T AFILE	T OFILE2
T STFILE238	T GFILE
T D1	T D2

T D3	T D4

A DABBLE	T SCORE-DABBLE
B SOUND ROUTINE	T DABBLE-WORDS

A RICH & FAMOUS

A AD.TRIVIA1	A AD.TRIVIA2
B UNCRAM	B P1
B P2	

A AD.CARD SHARK	B AD.CARD SHARK.0
B AD.CARD SHARK.1	B AD.CARD SHARK.2
B AD.CARD SHARK.3	

A AD.HOME ENT PACK	B AD.CHART.PAC
B AD.PACK/UNPACK	B AD.PIC.FFM
B AD.PIC.DM	B AD.PIC.HB

A AD.EDU-DISK #1

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Volume # 40 - Disk 2 - Side 2 : FREE SECTORS = 43 (10.75k)

A HELLO	B SIDE NUMBER 40

A SOFTDISK PRESENTS	B LOWER TEXT
B LOWER MUSIC	B PLAYER
T STASH HI	T RESTORE LOW
A RECON	T RECONT

T FEATURES41	T BACK ISSUES
T MAILING PROCEDURE	T SOFT REWARD
T SOFT DEAL	T DEALER PACK ANNOUNCEMENT
T ABOUT HARVEST	T ABOUT PIPELINE
T REGULAR ANNUAL SUBSCRIPTION	T ONE WAY ANNUAL SUBSCRIPTION
T SOFTDISK Q & A	A SOFTDISK.Q&A

A FORMS.MENU	A ORDER.BLANK
A SIGN-UP.FORM	

A SOFT.ADS	A AD.GUANOZAP MAPS

T FEATURES42	T ADVENTURE HINTS #1
T ADVENTURE HINTS #2	T ADVENTURE REQUESTS
T APPLE III NEWS	T APPLEWORKS
T BBS INFORMATION	T BUGS & STUFF
T EDUCATIONAL COMMENTS	T GRAPHICS HINTS
T HARDWARE AID REQUESTS	T HARDWARE HINTS
T HARDWARE REVIEWS #1	T HARDWARE REVIEWS #2
T INVESTMENT TALK	T MAIL ORDER COMMENTS
T PAL CORRESPONDENCE	T PRINT SHOP
B PS.CIRCLE	B PS.DARK STAR
B PS.SOCCER BALL	B PS.STAR
T PRINTER REQUESTS	T PROGRAM HINTS #1
T PROGRAM HINTS #2	T PROGRAM REQUESTS

T REVIEW - 3 EASY PIECES   T REVIEW - GRADE AID
T REVIEW - PRINTOGRAPHER   T REVIEW - SENSIBLE SPELLER
T REVIEW - TIME IS MONEY

A PIPELINE   B PIPELINE.OBJ

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Volume # 41 - Disk 1 - Side 1 : FREE SECTORS = 18 (4.5k)

A HI   B SOFTCOVER
B SIDE NUMBER 41   A HELLO
A MENU

A DIGIT GAME   B PICTR.DIGIT.PAC
B PACK/UNPACK   T ABOUT.DIGIT GAME

A BOX PUZZLES   T ABOUT.BOX PUZZLES

A BREAKOUT II   T HI-SCORE
T ABOUT.BREAKOUT II

A IQ TEST   T ABOUT.IQ TEST

A LIFE EXPECTANCY   T ABOUT.LIFE EXPECTANCY

A STATE QUIZ   T STATES DATA NEW
T ABOUT.STATE QUIZ

A MATHFACTS   T SUBSCORES
T ABOUT.MATHFACTS

A ABSENCE LIST PRINTER   T ABOUT.ABSENCE LIST PRINTER

A BASKETBALL STATS   T PLAYER NAMES
T GAME TOTALS   T GAME1
T ABOUT.BASKETBALL STATS

A PS START   A PRINTER STYLE
T ABOUT.PRINTER STYLE

A CASE CONVERTER   B CASE CONVERTER.OBJ
T CASE CONVERTER.LIST   T ABOUT.CASE CONVERTER

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Volume # 41 - Disk 1 - Side 2 : FREE SECTORS = 2 (0.5k)

A HELLO   B SIDE NUMBER 41

A NUMBER 41 COVER   B COVER.NUMBER 41.PAC
B COVER ANIM   B PACK/UNPACK

A SOFTDISK PRESENTS   B LOWER TEXT
B LOWER MUSIC   B PLAYER
T STASH HI   T RESTORE LOW

T FEATURES21   T SOFTGAB

```
T SOFT SPOUT                    T PROGRAM OF THE MONTH
T RECIPE OF THE MONTH           T QUOTE OF THE MONTH
T BACK ISSUE OF THE MONTH       T WHEN YOU GET AN ERROR
A Q & D SOFTDISK SCANNER        B Q & D RWTRACK
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A DOS TUTORIAL MENU             T DOS TEXT.11
A DOS DEMO 1.11                 B DOS DEMO.OBJ
T TEXT.DOS DEMO 2               T BITS TEXT.11
A BITS DEMO 1.11
```

```
A GRAPHIC FANTASIES 3           B GF.OBJ
B GF.PIC                        B UNPK
A GF.GO.3                       B GF.DATA.3.1
B GF.DATA.3.2                   A GF.DEMO.3.1
A GF.DEMO.3.2
```

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T FEATURES22                    T WHAT DOES "BOOT" MEAN?
T HOW TO DISPLAY A CATALOG      T WHY YOU NEED DOS
T FORMATTING THE TEXT SCREEN    T PEEKS/POKES/CALLS
```
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Volume # 41 - Disk 2 - Side 1: FREE SECTORS = 113 (28.25k)

```
A HELLO
B SIDE NUMBER 41
```

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A FLIGHT REVIEWS MENU           T AVIATION MENU
B LOWER TEXT                    T HOOK
T INTRODUCTION                  T WHAT'S YOUR OPINION
T OTHER AVIATION PROGRAMS       T ABOUT STEVE BELL
T ABOUT LARRY DUCK              T FLIGHT PLAN
A FLIGHT PLAN DEMO              T FLIGHT PLAN - BELL
T FLIGHT PLAN - LARRY           T LORAN C
A LORAN C DEMO                  T LORAN C - BELL
T LORAN C - LARRY               T FLIGHT COMPANION 2
A FLT CMPN 2 DEMO               T RNAV FLIGHT PLANNER - LARRY
T RNAV FLIGHT PLANNER           A RNAV DEMO
T SAMPLE #1                     T SAMPLE #2
T LEAD IN                       T NAVLOG
T APPLELOG                      T APPLELOG - LARRY
T FLIGHT SIMULATOR II           A FS2.DEMO
B FS2.PUPIC                     T AIRSIM-3
T DIRECT USER ACCESS            T DEMOFILE
```
===

Volume # 41 - Disk 2 - Side 2 : FREE SECTORS = 40 (10k)

```
A HELLO                         B SIDE NUMBER 41
```

```
A SOFTDISK PRESENTS             B LOWER TEXT
B LOWER MUSIC                   B PLAYER
T STASH HI                      T RESTORE LOW
A RECON                         T RECONT
```

```
A RICH & FAMOUS                 T RICH & FAMOUS DATA
```

```
A AD.DOS 'N STUFF          B PIC.1.PAK
B UNPK                     B SOUND1
B SOUND2
```

```
B AD.CHADDISK
```

```
T FEATURES41              T BACK ISSUES
T MAILING PROCEDURE       T SOFT REWARD
T SOFT DEAL               T HELP THE CAUSE
T ABOUT HARVEST           T ABOUT PIPELINE
T REGULAR ANNUAL SUBSCRIPTION   T ONE WAY ANNUAL SUBSCRIPTION
T SOFTDISK Q & A          A SOFTDISK.Q&A
```

```
A FORMS.MENU              A ORDER.BLANK
A SIGN-UP.FORM
```

```
T FEATURES42              T ADVENTURE HINTS
T ADVENTURE REQUESTS      T BBS INFORMATION
T BUGS & STUFF            T REVIEW - TOURNAMENT GOLF
T HARDWARE HINTS          T INVESTMENT TALK
T MAIL ORDER COMMENTS     T PROGRAM HINTS
T PROGRAM REQUESTS        T REVIEW - 80 COLUMN CARD
T REVIEW - GRAFICS HANDLER   T REVIEW - PRINT SHOP
T REVIEW - PRINT SHOP AGAIN  T REVIEW - RELAX
T REVIEW - SWASHBUCKLER   T REVIEW - WRITE CHOICE
```

```
A HARDWARE BAZAAR         T AD #1
T AD #2                   T AD #3
```

```
A PIPELINE                B PIPELINE.OBJ
```
===

Bob Godbehere has reported that the following disks are missing from the Software Library:

```
Eamon Adventures   Vol 11, 13
SoftDisk           Vol 20
SAUG Disks         Vol 11, 14
Apple-Q disks      Vol 26, 31, 34, 136, 138
```

Rec: ....   *Exp:* ....   *Membership Number* ....

Apple-Q: the Brisbane Users' Group

MEMBERSHIP RENEWAL

Membership to Apple-Q is on an annual basis from the month that you join. All members on our books are required to note any changes to their personal details and forward to the Registrar upon renewal of their membership.

MEMBERSHIP FEES

[ ] $20.00 Adult and Family memberships
[ ] $12.00 bona fide students under the age of 21
[ ] $12.00 pensioners upon production of pension card
       (at the discretion of the Executive Committee)
****

Membership Renewal Form

Surname: ....

Other names: ....

Private Address: ....

....

Private telephone: (...)..................................

Postal Address: ....

....

Business telephone: (...).................................

I hereby declare that the above details are true and correct, and agree to abide by the Rules and Regulations of the group.

Signed: ....

Please complete these details to allow our records to be checked. DO NOT use this form for an initial membership application. Forms for that purpose may be obtained from the Registrar or the Secretary.

THIS FORM SHOULD BE COMPLETED AND RETURNED - WITH FEE - EITHER:-

at the next Open Day -or-

post to: The Registrar
           Apple-Q: the Brisbane Users' Group
           P.O.Box 698
           Redcliffe. QLD 4020