November 1989 Edition

Apple Bug

the newsletter of Apple-Q Inc.

In this Issue (Volume 8 Number 11)
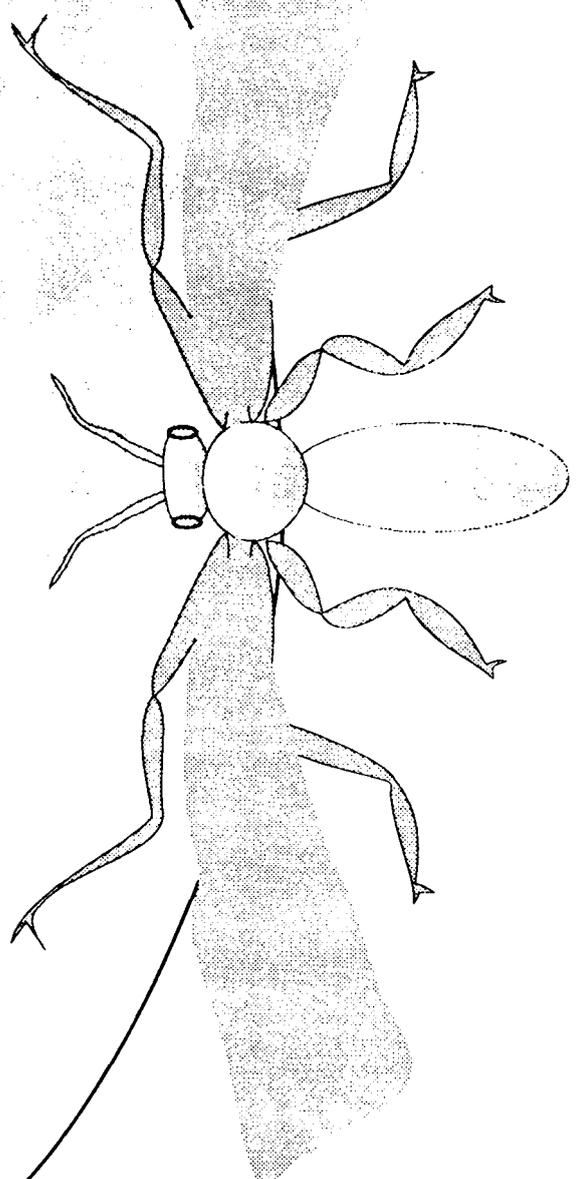
P.O. BOX 721, SOUTH BRISBANE, QUEENSLAND 4101

$1.50

THE BRISBANE APPLE USERS' GROUP

Apple-Q Inc. Information Page

This Month...

General Meeting
Sunday 19th November 1989
Hours: 11.00 am to 4.30 pm

Committee Meeting
Monday 20th November '89
Starts: 7.00 pm

Next Year...

General Meeting
Sunday 21st January 1990
Hours: 11.00 am to 4.30 pm

Committee Meeting
Monday 22nd January 1990
Starts: 7.00 pm

All meetings are held at: **Hooper Education Centre, Kuran Street, Wavell Heights**

Coming Events...

November:
Tony Truscott will be giving us a demonstration of **Music** on his Mac II.

January:
John Finch will be talking on **Lightening Protection for Computers.** Learn how to protect your Apple.

February:
Apple-Q Auction will be held. So check you house for anything (computer related) you would like to sell. More details will appear in later editions of Apple-Bug.

Membership Fees

Joining Fee:
Adults: $10.00 (add to Membership Fee when first joining)
Students: $5.00 (under 21 years & on production of Student Card)

Annual Subscriptions:
Adults/Students: $25.00
Corporate Membership: $50.00
Associate Membership: $10.00 (BBS only)

At the discretion of the Executive Committee

Contributions to Apple-Bug

We are always looking for articles for publication in Apple-Bug. You can send your article to **The Editor, P.O. Box 6375, Gold Coast Mail Centre, Qld. 4217** or hand it to a Committee Member during the General Meeting. If possible, send the article on disk. The disk will either be posted back to you or handed to you at the next meeting. The deadline is the Committee Meeting following the General Meeting. Disk contributions can be accepted on:
Apple II - Dos 3.3, CP/M, Apple Pascal & Prodos Text files. Also Appleworks and Zardax files.
Mac - Text file on a 400K disk (also MacPaint pictures).

Executive Committee

Vince Crosdale	President	(07) 351-3090
John Finch	Vice-President	(07) 260-5218
Bob Godbehere	Secretary	(07) 808-3892
Bernie Benson	Treasurer	(07) 345-1545
Ann White	Registrar	(07) 875-1601
Dale Rodgie	Editor	(075) 38-6942
Sheryl Mann	Software Librarian	(071) 96-7401
Brett Dutton	Hardcopy Librarian	(07) 397-8087

Bulletin Board - Apple-Q Inc. BBS

On-line: 24 hours a day
Telephone: (07) 851-1711 (Bulletin Board)
(07) 351-3090 (Voice)
Baud Rates: 300, 1200/75, 1200 & 2400 (CCITT & BELL)
Data Specs: 8 Data bits, 1 Stop bit, No Parity, Full Duplex
Sysops: Vince Crosdale, Graham Black

Copying Fees

Apple-Q Inc. has a wide selection of Public Domain, Shareware and Demonstration software available to members. We charge a copying fee so the group can obtain more software to expand the library. The copying fee for 5.25 inch disks is 50 cents a side with a minimum charge of $2.00. For the 3.5 inch disks, the fee is $3.00 per disk. See the Software Librarian at the next Meeting for a catalogue. Also see the "Disk of the Month" section for more great Public Domain software. On the inside back page you will find a software order form. This form can be filled out if you wish to order by mail or you can order and pick it up at the meeting. For mail orders, remember to add $2.00 for postage and packaging.

More Info...

• The copying of Commercially produced software is not sanctioned by Apple-Q Inc. and members who do so risk expulsion from the group.
• Application for membership or Renewal of membership and all other mail, should be sent to **Apple-Q Inc., P.O. Box 721, South Brisbane, Queensland 4101.** Articles for Apple-Bug can be sent to **Editor, P.O. Box 6375, Gold Coast Mail Centre, Bundall, Queensland 4217.**
• No one is allowed behind the Trading Table counter except the Committee members and anyone appointed to work at the Trading Table.

Advertising

Free	to all Financial Members
$18.00	per Half Page
$30.00	per Full Page

This newsletter was formatted using AppleWorks GS and the orginal copy was printed using a LaserWriter IINTX.

Editorial

by Dale Rodgie

Well it's almost Christmas again. Where did the year go. Well, another year is just around the corner. Well we are already planning for 1990. As you may have noticed, we are planning a another Auction for February. So start looking for computer related items to sell.

I would like to welcome Ann White as the new Registrar for Apple-Q Inc. She has taken over from Graham Black who has taken a break from the committee.

We had a good time at the Annual Genneral Meeting last month. The apple pie, cider and ice cream cake went down well. Thanks to Todd for the demonstration at the last meeting. It is good to see a dealer really supporting the group. It was great to see the new Mac Portable. If you missed the meeting, read Apple News for more infomation on the Mac Portable.

We wish you all a Merry Christmas and a Happy New Year. Those members with modems, keep a look out on the Apple-Q Inc. BBS for the December Apple-Bug. The December edition will not be printed, however, it will be uploaded to the BBS.

November Demonstration

You have read about the power of the Mac II, well come and see it in action this month. Tony Truscott will be giving us a demonstration of Music on his Mac II. The demonstration starts at 12.30 pm on Sunday 19th November.

Appleworks SIG

Bernie tells me that the Appleworks SIG will be looking at Ultramacros this month. Come and join Bernie and get more out of Appleworks.

Apple-Q Inc. Meeting Format

11.00 am - 12.00 pm - Informal period including:
> Trading table open.
> Registration of members (new and renewals).
> Disk of the Month sales.
> Raffle Tickets sold.
> Public Domain Software available.

12.00 pm - 12.30 pm - Lunch
> The Trading table, etc continues during this period.

12.30 pm - 2.00 pm - Demonstration
> Invited speaker to give **demonstration** and follow up with organised question and answer session relating to the demonstration.

2.00 pm - 2.30 pm - Afternoon tea break
> Draw raffle prize and door prize.

2.30 pm - 4.00 pm - Special Interest Group meetings:
> Communications
> Appleworks
> New Users (Beginners)
> Apple // Computers
> Apple //GS Computers
> Macintosh Computers

4.00 pm - 4.30 pm - Open for Business
> **Trading Table, Software Library** etc. open for business.

4.30 pm - Close the day.

Trading Table

This month we have some products at a down-to-earth price. They include:

Mouse Mats	$8.00
Mouse Holders	$6.00
80-column cards (not extended)	$30.00

Apple News

GS Sells itself

This is something that appeared in the latest GS Users NewsDisk: "I often hear members asking why they do not see promtional advertising for the IIGS in the media like they do with the Mac. Well have you ever thought that they might not need to. The latest figure in show the GS is selling faster than they can get them. Frank Revill Marketing Manager for the Apple IIGS in Australia was sad to say that there will be no Christmas specials on the IIGS this year, mainly because as fast as the units land they sell them. So next time you see a large add for the Mac, remember they need adds to sell them the IIGS sells itself." (Reprinted from the Australian GS Users Assoc. NewsDisk - September/October 1989 edition)

Video Card on its Way

The Pal Video Overlay card, for the Apple IIe and GS, will be available by late this month (October) in Australia. Apple say the cost should be approx $750.00.

Schools get Value for Money

Someone at Apple made a mistake with orders in the last shipments to schools around Australia. Schools that had pre-ordered IIGS computers with less than 1 Megabyte of RAM on board, because the new GS comes with 1 Megabyte on the motherboard got this at no extra cost, if this wasn't good enough someone at Apple sent out 3.5" drives with them instead of the 5.25 drives. It seems to me the schools around Australia are really on a good thing, why touch any other type of computer other than an Apple. (Reprinted from the Australian GS Users Assoc. NewsDisk - September/October 1989 Edition)

GS/OS Update

Version 5.02 of the Apple IIGS System Software will be available through Apple-Q soon. This version will have the bug in Basic.System fixed.

The Mac Family Grows

Apple Computer has released two more additions for the Mac family. The first is probably the most awaited computer in history. However, the features make it worth waiting for. The Mac Portable has a state-of-the-art Active Matrix Liquid Crystal Display. The quick response from the display comes from this new technicalogy. Each pixel on the screen has its own transistor. The Mac Portable uses a Lead-Acid battery that, with a sophisticated power management system, gives you up to 12 hours use. Unheard of in the protable industry. A Desk Accessory gives you details of the remaining power in the battery. The power management system is run using a 6502 microprocessor (Apple II stricks again!). This new Mac also has a Sleep mode that you can either select or it will automaticlly sleep after a set time. The base model starts at $9,950 for a 1 megabyte RAM and a Superdrive.

Apple also released the Macintosh IIci which has a clock speed of 25 Mhz. It is 45% faster than the Macintosh IIcx. The IIci contains the 68030 microprocessor and a 512K ROM. The ROM supports 32 bit Quickdraw which gives you up to 16.7 million colours. Like the IIcx, the IIci has the same smll footprint, taking less desk space.

Disk(s) of the Month

This is another big month for Disk of the Month. This month we have a record 13 Disks of the Month. In case you are wondering where all this software is coming from, we placed a large order from PDE in the States. We are presently making contact with other user groups, all over the world, to get you the lastest public domain software. Well lets get back to what we have to offer this month...

On the Apple II side of the fence we have three disks. The first is the Appleworks Utility Disk #2, with more useful utilities for Appleworks (also included are tips and a template). Next is the Apple II Tecnical Notes Update #1. I plan this to be the first in a series of technical note updates as they are released by Apple. And last but not least, Hires Doodle is a hires drawing program. This disk is a Dos 3.3 disk and contains some hires pictures as well.

On the other side of the fence are another ten GS disks. Firstly, we have six GS graphics disks. These graphics have been sorted into subject order - included are graphics for the whole family. Then we have three song disks. One for Music Construction Set and two for Music Studio. And to top it all off is the GS/OS Utility Disk #2. Full of more GS utilities including Vaccine II and Dr. Daily - both are virus checking programs.

You can order these disks or any of the previous Disk's of the Month by ordering at the General Meeting or use the Software Library Order Form in this issue. You can also use the form to pre-order the disks and pick them up at the meeting - no waiting! Also other public domain disks and the Eamon Games Disks can be ordered using the order form. The prices for the Disk of the Month are:

	with disk	without disk
5.25 inch	$5.00	$4.00
3.5 inch	$8.00	$5.00

AkroCAD Patch

After a few phone calls last month, I found one major bug in the APPLE.Q.STARTUP file. So here is a patch to fix it. First, boot up your copy of AkroCAD (program disk). When you get to the screen that says "DO YOU WANT TO:", prc <Control>-<Reset> then type the following lines:

```
300 D$=CHR$(4)
SAVE APPLE.Q.STARTUP
```

If your copy is on a 3.5 inch disk, then type in this line before saving:

```
460 IF QR$="A" THEN ?D$"RUN READER"
```

as well as line 300. Then save the file back to disk.

Let's have a look at this months offerings:

Appleworks Utility Disk #2

Listworks - Listworks prints a list of information in multip_ columns on your printer. The source of the information is a standard ASCII text file printed to disk by any data base program, such as AppleWorks.

RepairWorks - Ever had a damaged Appleworks file? Well RepairWorks has come to the rescue. It repairs Applewor' word processor, spreadsheet and data base files. Recomendc for every Appleworks user. RepairWorks works best with two disk drives or a RAM disk and Disk drive.

Templates & Tips:

Appleworks.Tips	Using.Megamem
AW.Util.2	Label.Instruct

Apple II Technical Notes Update #1

After the Apple II Technical Notes disk in April, a few updates have arrived. Again, due to the space limitations of the 5.25 inch disk, I have not included the technical notes on the Apple IIGS or GS/OS. However, I have included the Pascal technical notes that could not fit on the orginal disk. This disk contains technical notes on file types, Apple IIc, Smartport, Appletalk, Pascal and Misc. On the 3.5 inch are included the Apple IIGS and GS/OS notes. The files on the 5.25 inch disk are compressed with ShrinkIt (included on the disk).

Hires Doodle (Dos 3.3 Disk)

Hires Doodle - Hi-Res Doodle is a graphics system that allows you to make drawings on the screen and then paint them with a variety of colours. Drawings are made by moving the hi-res cursor to the desired location and then depressing "D" for draw. A joystick can also be used to move the cursor.

Hires Pictures:

Cartoon.Pic	Da Bin Ich.Pic
Dragon.Pic	Easter.Pic
Mickey.Pic	Sesame.Pic
King Tut.Pic	Winston.Pic
Toothbrush.Pic	Eyes.Pic
˜8-2 Printer.Pic	Dollar.Pic
naracters.Pic	Rocky Raccoon.Pic
Spirallellogram.Pic	Joe Sent Me.Pic
Uncle Sam.Pic	William Shakespeare.Pic
Double Bessel Function.Pic	Tequila.Pic
World Map.Pic	Music.Pic

GS/OS Utility Disk #2

Mac Emulator - Enjoy the speed of the Mac on your GS, run all that Mac software and much more.

Vaccine II - This is a virus checking program that checks both System and System 16 files. Full instructions are included in the program.

DeArc v1.2 - This program will allow you to extract archived files that were compressed by a program known as 'ARC'. There are versions of 'ARC' that run on the IBM PC, the AMIGA, the ATARI ST, the 8-bit ATARI's (800xl, etc), and many other personal computers. 'ARC' has been widely accepted by those 'other' users as a standard for compressing files that will be uploaded and downloaded. These compressed file therefore contain a wealth of source code for programmers, a multitude of computer art, etc.

DigiPack GS - DigiPack GS is a disk packing and unpacking program. Features include: packing and unpacking of disks (in "DDD" or "Optimized" format) with checksum and unique upload/download capability, "Quick and simple" mouse interface, with rapid file selection, full-featured fast support for one-drive users, supports 40-track ProDOS-formatted disks, takes full advantage of IIgs expansion memory, intelligent disk formatting with media verification, fast disk/file checksum, disk optimization and full ProDOS command support.

Doctor Daily - Doctor Daily is a program that is very useful in detecting virus infections or other alterations to files in your system. The main advantage of Doctor Daily over other programs is that it is automatic! The great thing about Doctor Daily is you can't forget to run it. It runs itself! It is installed as a SYSTEM.SETUP file, and once per day, it checks files on your hard drive to make sure none have been altered. If they have, it warns you about it.

Fixer - File Fixer is a Super High-Res mode utility that you can use to clean up files downloaded from an information service. To run it, you need an Apple IIGS with GS/OS and a mouse. Launch it from the Finder, Launcher, or any other GS/OS program selector. Features include: clear or set high-bits, strip or add linefeeds, expand tabs, unexpand spaces, strip nulls from the end of the file and filter most control characters.

Funkeys - Funkeys is an 'INIT' (GS/OS STaRtup) program that adds several new keyboard commands to your system. This program should be copied to your SYSTEM.SETUP directory so that it may install itself while ProDOS 16 is booting. FUNKEYS gives you many special 'command' keys that provide functions similar to those already available to Mac and PC users. This includes a print-screen key, a key that saves a super-hires screen to disk, disk eject keys for your 3.5 drive (just like the MAC), a system shutdown key, and many other useful things.

IconEd - This is great incon editor program. It allows you to edit icons used by the GS Finder. You can edit both the icon and the mask and you can even have a colour mask. One interesting feature is being able to 'tear-off' the colour menu and place it anywhere on the screen. Unlike Apple's editor, you can copy icons between files and resize the icon without losing the whole icon. Also, when you load an incon file, all the icons are displayed on the screen.

LaunchBox - LaunchBox is an Apple IIGS program launcher. It is graphics oriented and presents you with a series of buttons containing the names of your application programs. A single click (press of the mouse button) launches the application. When the application finishes, LaunchBox will re-appear allowing you to pick the next application. You can customize the program buttons. You can specify what the button says and you can specify the program that will be launched.

Line Edit Fix - Line Edit Fix is a public domain utility that will prevent mysterious crashes from occuring while (or after!) running programs which start up the Line Edit toolset incorrectly. After starting Line Edit incorrectly, almost anything can happen. Sometimes there are no [apparent!] ill effects; sometimes the application crashes right away; sometime a crash will not occur until much later. Many demo programs from TML Systems (and other programs people have modeled after TML's demos) have the problem.

P8 CDA Loader - P8 CDA Loader is a utility which allows Classic Desk Accessories (CDA's), ie type $B9 files to be loaded and activated without having to boot up a GS/OS disk.

Switch Control Panel (SWCP) - SWCP is a ProDOS 8 system program for the Apple IIGS that switches the control panel. It can run stand alone from any program launcher, but works best from P8 program selectors like PROSEL. Operation of such will be pretty transparent, except you can switch the CP before running a program. When it quits, the CP will automatically be set back to the state it was before you ran the program!

PrintBuf - PrintBuf is used to modify the length of the printer buffer initially established by the IIGS firmware. Using a print buffer allows files to print without locking up the computer - a great time saver!

SHRConvert v2.1 - This is the latest version of this graphics utility program. New features include: converting to a GIF file and converting PrintShop GS graphics. It comes with

a full on-line help and a text adventure game.

SloSpeed - This program enables you to slow down your GS to run those 8 bit programs that require a set spead - ie. games.

Squirt 16 - This is the GS version of that old favorate Squirt. It is a text based program launcher. Squirt 16 contains many more features than its 8 bit counterpart.

UtilityWorks - UtilityWorks GS is an integrated set of Apple IIGS utilities which gives the user, within a single program, all of the most frequently needed Apple II GS utilities. Full use is made of pull-down menus and multiple windows. This is a developmental version of UtilityWorks GS which only has a partial set of the planned capabilities.

Program Icons:

Bounce.it.icon	Iconogr.icons
Showfile.icons	Activ.icon
Br0der.icon	Ea.icon
Auxfinder.icons	Binary.icon
Thexder.icon	Da.icons
Kix.icon	Dw.icon
Boot.icon	Ff.icon
Dialog.icons	Tie.icon
Tml.icons	Paintwork.icons
Shrconv.icons	Supertext.icon
Appleworks.icon	Art.icons
Desk.acc.icon.1	Desk.acc.icon.2
Dpaint.icon	Draw.plus.icon
Ms.icon	New.icons.1
New.icons.2	Pointpoint.icon
S16.icons	S8.icons
Zbasic.icons	

Music Construction Set Songs

MCS Fix - This program fixes a bug in Music Construction Set.

Rock:

Axel.F	Back.in.USSR
Blowing.in.Wind	California.Girl
Cant.Fight.Feel	Closer.to.Heart
Conga	Dreams.Van.H
Elanor.Rigby	Eleanor.Rigby
Flashdance	Flashdance.Love
Fun.fun.fun	Hard.Day
Hardday	Hellogoodbye
Help.me.Rhonda	Hey.Jude
Heyjude	Immigrant.Song
Jump	Lady.Madonna
Ladymadonna	Let.it.be
Mandolin.Rain	Maxwell.Hammer
Michelle	My.Life
Mysterytour	Nobody.Wins
Obladi.Oblada	October
Pennylane	Purple.Dink
Runaway	Russians
Saturday.night	Sgt.Pepper
Sis.Cant.Twist	Sixtyfour
Stepping.Out	Surfer.Girl

Surfin.Safari	Surfin.USA
Tender.moment	Walk.like.egypt
Walrus	Withorwithoutu
Would.n.b.nice	Wrapped.finger

Classical:

Beethoven.2.2	Beethoven.sonat
Canon2	Exhibition
Fifth.symphony	Fur.elise
Gipsy.rondo	Hooked.classics
Inventio.13	Inventio.8
Prelude.2	Sabre.dance
Toreador.song	Tuileries
Turkish.rondo	Unknown.1
Unknown.2	Unknown.3
Unknown.4	

Show.tunes:

Arthurs.theme	
Castle.on.a.cld	Cantina.band
Chattanooga	Chariots
Imperialmarch	Heigh.ho
Linus.and.lucy2	Linus.and.lucy
Mash	Love.song
Nadia	Miss.impossible
Ripley	Pass.me.by
Somewhere.out.t	Somewhere.green
Star.wars	St.louis
The.muppet.show	The.jetsons
Tubular.bells	Time.goes.by
	Young.and.restl

Christmas.music:

Adeste.Fidelis	
Away.in.Manger	Angels.on.High
Carol.of.Bells	Bring.a.Torch
Deck.the.Halls	Chipmunk
Emmanuel	Do.you.Hear
Friendly.Beasts	First.Noel
Good.Christ.Men	God.Rest.Gents
Hark.the.Herald	Good.King.Wen
Here.comes.Sant	Have.yourself
Home.for.Holi	Holly.and.Ivy
Jingle.Rock	I.Heard.Bells
Let.it.Snow	Joy.to.World
Midnight.Clear	Magic.Trump
O.little.town	O.Holy.Night
Once.in.David.c	O.Tannenbaum
Rudolph	Rockin.Tree
Sussex.carol	Silver.bells
Wassail.song	Teach.the.world
We.wish.you....	We.3.kings
While.shepherds	What.child
Winter.wonder	White.xmas.comp

Other:

Dizzy.Fingers	Etude
Everybody	Everytime
Fair.Harvard	Fantasy
French.Suite	God.Save.Queen
Green.Grass	Italy
Joplin	Latin.Beat

Leroy
My.country.tis
Nu.nu.bubbele
Preacher
Ruddigore
Small.world.alt
Sweet.georgia
Tie.me.kangaroo
Ubet
Wish.on.chm

Maple.Leaf.Rag
Mysong.87
Polish.dance
Pseudotrick
Scherzo
Star.spangled
The.entertainer
U.r.my.sunshine
Waltzin.matilda

Music Studio Songs #1

Abacab.Sng	Agncettrisk.Sng
one.Sng	Amadeus.Sng
Amanda.Sng	America.Sng
Asturias.Sng	Bachfugu.Sng
Back.Sng	Beachwlk.Sng
Beetho9.Sng	Bells.Sng
Benhur.Sng	Binks.Sng
acksmi.Sng	Bolero.Sng
Bonjovi.Sng	Boxer2.Sng
Breath.Sng	Broadway.Sng
Brownmidi.Sng	Bson25.Sng
Bugle.Sng	Bumble.Sng
Califmidi.Sng	Canary.Sng
Charit.Sng	Chopin.Sng
Crocod.Sng	Ctocat.Sng
Delirium.Sng	Diesirae.Sng
Digfield.Sng	Dustwind.Sng
Elephant.Sng	Elitesyn.Sng
Elmov.Sng	Endtitle.Sng
Ent2.Sng	Etudeind.Sng
Everybreath.Sng	Exhib.Sng
thibi.Sng	Eyes.Sng
Fame.Sng	Fields.Sng
Fievre.Sng	Finger5.Sng
Foraday.Sng	Fortress.Sng
Frenchs.Sng	Froggie.Sng
Fugue.Sng	Funeral.Sng
anky.Sng	James.Bond.Snd
James.Bond.Sng	Jesu.Sng
Jmj4rdv.Sng	Jnglbell.Sng
Kill.Sng	Krmchmln.Sng
Lead.Sng	Lightly.Sng
Lildrumr.Sng	Little.Sng
Lovehim.Sng	Lucy.Sng
Gallo.Sng	Gdkingw.Sng
Girl.Sng	Glory.Sng
Gotyou.Sng	Gvine.Sng
Hand.Sng	Hctra.Sng
Heyhey.Sng	Hillstreet.Sng
Hip.Sng	Hoedown.Sng
Housetop.Sng	Hungar.Sng
Hunting.Sng	Ilove.Sng
Intogroove.Sng	Introflash.Sng
Itiswell.Sng	

Music Studio Songs #2

Maggie.Sng	Merryxms.Sng
Mgflute.Sng	Midtrain.Sng
Mike2.Sng	Mmouse.Sng
Moment.Sng	Morning.Sng
Nacht.midi.Sng	Nachtmidi.Sng
Neverend.Sng	Neworder.Sng
Nimhim.Sng	Nitemove.Sng
Nocturne.Sng	Odds.Sng
Onwisctrio.Sng	Optimist.Sng
Orangebl.Sng	Otwaves.Sng
Overspill.Sng	Valse.Sng
Vincent.Sng	Walker.Sng
Walrus.Sng	Waterm.Sng
Wewrl.Sng	Witchy.Sng
Woman.Sng	Z812.Sng
Zoo.Sng	Saigon.Sng
Scotch.Sng	Septem.Sng
Sidestep.Sng	Sidy.Sng
Silentru.Sng	Siltnite.Sng
Sixty.Sng	Smut.Sng
Sndmusic.Sng	Soon.Sng
Soundsil.Sng	Spinning.Sng
Stair2.Sng	Startrek.Sng
Starwar1.Sng	Starwars.Sng
Starwish.Sng	Steal.Sng
Stealing.Sng	Stelmo.Sng
Stels.Sng	Talktome.Sng
Thatsway.Sng	Thyword.Sng
Time.Sng	Tis.seas.Sng
Twopar.Sng	Panther.Sng
Papa.5.Sng	Peachrag.Sng
Peel.Sng	Pepper.Sng
Piano.Sng	Pianoman.Sng
Polonais.Sng	Prelude.Sng
Prepared.Sng	Rainbows.Sng
Rapsody.Sng	Rasta.Sng
Reggae.Sng	Rigby.Sng
Ripley.Sng	Rose.Sng
Rosie.Sng	Rumble.Sng
Russian.Sng	

GS Graphics #1
Cartoons:

Bill.t.Cat	Cartoon.1
Cartoon.2	Daffy.Duck
Metamorpho	Oliver.and.Mac
Opus.Penguin.1	Opus.Penguin.2
Orco	Slimebags
Vf.1	

Sesame Street:

Bigbird	Cookie.Monster
Ernie	

Toys:

Bird	Reindeer
Tiger	Zoid

Program Pictures:

Basketball	Blackjack
Cavern.Cobra	CD.ROM
Cortland	Dream.Zone
Fantavision	Future.Sound
Icon.Editor	Kaboom
List.Plus	Murder
Seastrike	Select.a.Boarder
Select.an.Icon	Shangai
Ski.Jump	Space.Quest
Splash	Sumo.Wresling
Tml.Basic.Logo	Toolworks
Type	Weightlifting
Winter.Games	

GS Graphics #2

Girls, Girls, Girls:

Bills.Girl	Cindy
Debbie	Devin
Girls.Eyes	January
Justine	Karen
Pam	Pinup.Girl
Suntory	Susan
Three.Girls	Tricia

Cars:

Cadillac.1941	Can.Am
Ford.Emblem	Ford.Falcon.Ute
Holden.FX.1952	Honda.Civic.GL
Racing.Car	Standard.Ten
Limo	

Outer Space:

Astronut	Astronuts
Biodomes	Starflight

Planes:

Blue.angels	F/A-18.Hornet
Flight	In.Flight
Sector.General	

Planets:

Jupiter.1	Jupiter.2
Saturn	Voyager

GS Graphics #3

Animals:

Alligator	Angelfish
Bees	Cheeta
Colour.Cheeta	Dinosaurs
Dolphin	Dragon.1
Dragon.2	Goldfish
Gorilla	Lemur
Leopard	Mandril
Mctavish.Dog	Owl

Flowers:

Flower.1	Flower.2
Potinara	Red.Flower

Landscapes:

Bridge	Christmas
Cottage	Eiffel.Tower

Island	Mill.Stream
Mount.Fuji	Seascape
Sunset	Water.Fountain
Waterfall	Windy.Cove

GS Graphics #4

Film and TV:

Bob.Hope	Bugs.n.Bull
Captain.Kirk	Captain.Kirk.BW
Creepshow	Darth.Vader
Ghostbusters	Jaws
Karate.Kid	Krystle
M.A.S.H.	Max.Headroom.1
Max.Headroom.2	Moonlighting
Nerds.II	New.Enterprise
New.Star.Trek	Robot
Santa	Space.Pirate
SpaceX	Thief
Top.Gun	Voltron

Famous People:

Albert.Einstein	Campbell
J.L.G.	Ronald.Reagon
Sculley	

Music:

Casio.Keyboard	Jazz.Band
Pink.Floyd.Logo	Sax
Sax.at.Night	

Product Logos:

Boiler.Makers	Burger.King
Coca.Cola	Columbia.Studio
Enjoy.Coke	

Fantasy:

Crosstime.Bar	Floating.Castle
Manlyarts	Monster

GS Graphics #5

Art:

Deluxe.Paintcan	Fractal.1
Fractal.2	Geometries
Girl.816	Greatwave
Hall.of.Stars	King.Tut
Leaking.Faucet	Manet
Norman.Rockwell	Paint.Brush
Pastel.People	Pirate.Ship
Sea.of.Apples	Spheres
Venus.Goddess	

Clip Art 320:

Baloons	Pointing.Hand
Spilling.Paint	Teacup

Digitized Pictures:

Baseball.Pitcher	Beach.Club
Boston.Celtics	Crossbow
Dog.Who.Smo	Dragon
Drink.Coaster	Eiffel.Tower
Fize	House
Pulsar.Watches	Ramesses.Statue
Sample.Pictures	Seoul.Olympics

Swan	Thrice.upon.a.Time	**Faces:**	
White.Car		Apple.II.Group	Dan
		Gus	Happy.Family
GS Graphics #6		John	Liz.at.Party
Apple IIgs:		Paul.and.Dana	Prodos.Writers
Apple.IIgs	Apple.Logo	Rob	Robin
Closeup.IIgs	Digitized.IIgs	Smiling.Man	Smiling.Man.BW
IIgs.Drawing	Introducing.2gs	Waif	
Assorted:		**History:**	
Buffer.Circuit	Map.of.Europe	Escher	Knight
Precious.Moment		Lost.ark	
Closeups:		**Money:**	
Eye.1	Eye.2	U.S.100.Dollars	U.S.Coins
rbs		U.S.Dollar.Note	U.S.Treasury

GS Font Editor Review

by Cedric Webster

This Beagle Bros package has 3.5 & 5.25 disks and their usual breezy manual is easy to read and packed with tips. Despite the name it appears to work with all II's, not just GS. I had a couple of public domain font editors, but this one has a clipboard, which enables one to grab a character from one font and paste it into another. This is a great feature as I had three graphic fonts, each of which had characters I used occasionally, but now I have them all in one font together with some self designed characters. This means less fonts on the board, and makes it easier to remember where that particular graphic symbol is located.

You can add extra characters (up to 255 per font) and access them by use of Control, Option or Open Apple keys, it is easy to rescale fonts from 1 point (the mind boggles!) to 127 points and the editor displays the various styles available ie Shadow, Outline, Italic, Bold and Underline as well as normal. You can also make characters wider, alter baseline, edit descenders, and rename fonts. There is no print facility, but the screen displays the font as it would be printed and one can then use the font with AppleWorks, AWGS, Publish It! or whatever application uses standard fonts. It loaded all my GS fonts and Superfonts but does not appear to load Printshop fonts so that I could not edit these, but all in all is a most useful and economical application.

Art & Film Director Review

by Cedric Webster

This program, with three disks and excellent manual is GS specific and has two separate modules. The paint half, Art Director, is not quite a standard paint program, in some ways not as comprehensive as PaintGold, but has some rather different features, such as 40 different pencil points, a versatile brush selection, where images are selected, with scissors to become the brush. Undo is on the tools panel and there are some interesting special effects like Bend, that allows you to wrap round labels on cans, election posters on telegraph poles etc. and Bulge, which wraps an image around a sphere. Try converting a world map into a globe! There is also an excellent Perspective command, which is more comprehensive than most. Other features are a spray can which can be programmed to small, medium or large as well as slow, medium or fast and color blending options like scrape, melt and color merge. It is a useful program in its own right if you use paint programs much. It is also most suitable for creating art work for its other half, the Film Director.

This module allows one to create animated cartoons or films using the full features of the GS and, when one masters the jargon such as patterns, polygons, groups, cells and actors, is quite quick and easy. It uses drawings from the Art Director, but can also import images from PaintGold and Paintworks and use them as backgrounds or animate them in a most lifelike manner, as the program makes full use of "tweening". You can also bring figures and scenes backwards or forwards, making actors pass behind or in front of bushes, or speeding cars dodge radar traps etc. It has a demo film and a comprehensive disk of various designs, which are a great help when one is stuck for ideas. You can add sound from the library provided, but not, so far as I have discovered at present, from other disks like Music Studio. According to the manual one can save the results onto video tape, but I was unable to do this, probably because the application only recognizes NTSC and my video is Pal recording system, although it will playback NTSC tapes. This was a great disappointment as I have a need to title and enliven my family and travel video tapes. I await with some impatience the long heralded arrival of a Pal Video Overlay card which I am told will solve all problems in this regard.

Macintosh Mumblings

by John Finch

There are thirteen new disks in the Macintosh PD library and below is a listing of these disks. The Education disk would be of particular interest to those with children and I tried these programs out on myself with varying levels of ease of use. Most were in the very young class. However, here are my impressions of them:

Brainbusters: Math problems with difficulty only up to 99 * 99. Menu controls are degree of difficulty and type of sum only. Sounds occur at times but there is no control over the volume, nor can it be turned off. Program worked and did not bomb, but I was not over impressed with this program.

Monster Math: This program is a race with the graphic of a child racing against a monster by answering math problems. Correct answer means progress for the child, where an incorrect answer moves the monster. A message comes up if the child gets caught. Program quite good but the "Shareware" hint was a bit heavy. The child is asked to type HONOR to access the game. Addition only and that up to max of 50.

Helo Math: This game has a helicopter that can be flown over a number of tanks with a sum on each. the correct tank has to be "zapped". Quite good. Teaches both Maths and mouse co-ordination. All four math functions are used and there are five levels of difficulty.

Math Factory: This is only a demonstration version of a full priced package. The demo supports addition only, whilst the full program supports the four maths functions plus fractions. The level of difficulty covers very simple, up to problems that made me think a bit. Mind you I get confused adding up my grocery bill!. This program has some very nice touches, like a voice saying " 'byee" when you Quit, and a dog that wags its tail when you get an answer right.

Sitting Duck: This is not an educational program, unless you call co-ordination in mouse moving and duck shooting, educational. A game at the best, but as the program suggests that shooting ducks is a good thing to do, I am not impressed with its educational ability. Come to think of it, I will probably refuse to let anyone have a copy on principle. There is no "sport" in blood sports. That is my conservation plug for the month.

Math Mountain: probably comes from the same stable as MonsterMath. It is for addition only, and a figure climbs a mountain when the sum is answered correctly. Problems are very easy.

Number Investigator: is in a different category. It does not ask you to solve a problem, it solves the problem you ask it; however, the answer may surprise you. It "solves" for

Binary, Hex, Factors, and quite a few other things I did not recognise! You need to know a bit about maths to get any benefit from this one. No Macintosh interface and no menus.
Maths Tutor: is definitely not a program for self tuition. It is a Student/Teacher type of program that allows much harder sums to be solved within the four types of maths. This is a shareware demonstration with some of the functions disabled.

The disk names/numbers given here are as they were received:

Education 01 (Double-Sided HFS disk with 12K free)

HeloMath	42K
Math Factory* Demo	254K
MathTutor	22K
Number Investigator	58K
Sitting Duck	22K
BrainBusters!	48K
Dot2Dot	100k
Math Mountain - ADDITI	50K
Monster Chase Math +	55K
SPIN & SPELL Demo	66K

Games 09 (Double-Sided HFS disk with 5K free)

Brickles-8.0	24K
Dungeon of Doom Edit	3K
Dungeon of Doom V5.4	175K
Face the Music v1.0763	13K
Mac_Pong II	13K
Safari 1.0	49K
Silicon Volleyball 2.0	19K
Space Invaders	25K
StuntCopter 1.6	43K
Trick-Track	80K
Beyond Dark Castle Maps	
NetTrek	160K
Soft Rocks Pierre Anglais	26K

Laser Fonts #01

A number of fonts for the laser. Can be installed with Font/DA mover.

Pictures 03 (Double-Sided HFS disk with 8K free)

ViewPaint 1.7	29K
Pics: Forty MacPaint Pics	

PDE #203 Graphics #04 (Single-Sided MFS disk with 15K free)

MACPAINT PICTURES (25)	
Vanlandingham	14K
Camera 1.1 (HFS)	50K

PDE #261 Utils #07 (Single-Sided MFS disk with 26K free)

Disk Fixer 1.9	140K
Comment Editor 1.01	10K
File Fixer 0.5	60K
Mount any Hard Disk	4K
SCSI Test	81K
Version Sleuth 1.0	19K

PDE #271 Games #10 (Single-Sided MFS disk with 50K free)

Yahtzee	7K
Dynasty of Dar	275K
King Albert	16K

PDE #279 Household Utilities #08 (Single-Sided MFS disk with 50K free)

Auto Expense	52K
Recording Aid	21K
Tape Labeler 3.1	63K
Label Manager 3.0s	108K

PDE #280 Utilities #09 (Single-Sided MFS disk with 5K free)

Label and Envelope	23K
Household Shopper v1.I	74K
Memo Minder	2K
PocketBook Writer 1.2	134K

Remember?	70K

PDE #295 Disk Management #01 (Single-Sided MFS disk with 6K free)

HD Mini-Icon	62K
HD Runner	19K
My Back Up	32K
Combo Chart.PICT	31K
Turbo View 1.00	48K
Turbo View Docs(Word)	121K

DEMO # 01 Claris HyperDemo Master (Double-Sided HFS disk with 149K free)

Claris*	135K
Desktop	7K
HyperDemo Fonts	63K
Start	422K

DEMO #02 Claris MacProj HyperDemo (Double-Sided HFS disk with 351K free)

MacProject II HyperDeI	422K

DEMO #03 Project, Write, Paint Demo (Double-Sided HFS disk with 33K free)
This disk contains demonstration programs for:

MacProject II	MacPaint II
MacWrite II	Sample programs

Newton, Einstein & Murphy

by Craig

Ask people the singularly most important theory of law of the physical world and most would probably reply "Newton's Law's" or "Einstein's theory of relativity". Granted both seem all encompassing and mind boggling in their applications. Few people, however, give thought to a simple, easily understood law with even wider relevance, one attributed to an unknown, almost legendary Irishman - Murphy. Murphy's Law is almost universal in its effect (in fact it is almost impossible to conceive of an instance in which it does not apply). Broadly speaking it fits into the rules of entropy - the propensity of things to go from a more ordered state to one of chaos, but is unique in that it takes into account human experience.

Murphy's Law seems rarely to have a formal theorem, like E=MC2. It can be expressed many ways, but can be identified as any variation of "things will get worse". The rise in technology has given birth to a plethora of sub-applications of Murphy's Law and of more interest to us is how its insidious applications effect computers. Following are a series of corollaries and axioms of Murphy's All Encompassing Law with specific respect to computers, & explanations if necessary.

General Laws (effecting all aspects of computers).

1. 'If it doesn't happen now it will later'
2. 'Nothing is 100% reliable excepting Murphy's Law' (Death gave this law a hard time - then Lazarus & Jesus came back)
3. 'Reliability is inversely proportional to the cost of the item'
4. 'Cost of anything is directly proportional to how much you want it, while being inversely proportional to how much money you have' (This one's a real bugger)
5. 'You will never get it right first time'

The Corollary of Availability (with respect to computers)

The computer you want either -

a) does not exist
b) exists, but not in your country.
c) exists in your country, but is difficult to get or have serviced.

The Corollary of Suitability (with respect to computers)

A computer can always be bought, after you have already purchased yours, which -

a) does what you really wanted.
b) is a newer improved model.
c) is much cheaper than what you paid.

Axiom of the Corollary of Suitability (with respect to Software)

'No software package runs exactly the way you want'

Software Axiom 2

(The following 3 are all manifestations of General Law 2)
'Software will always fail when it is most inconvenient to the user in direct proportion to -

a) the closeness of a deadline
b) the amount of unsaved data
c) the nearness to completion of a game'

Software Axiom 3

'Software (or system) will always fail as you demonstrate its superior abilities - the degree of failure again proportional to the importance of the viewer or program.'

"Yes, Sir Fotherington-Blythe <Boss>, this fantastic billion dollar system now holds all information on our million creditors.." <machine now emits blue sparks, smoke and ejects disks in 3 sections - top, middle and bottom.>

WARNING: The above quotation is an evocation guaranteed to cause the manifestation of several aspects of Murphy's Law. Avoid such arrangements of words at all times.

Software Axiom 4a

'There will always be bugs....'

Software Axiom 4b

'But only in your version.'

Software Axiom 5

'It will cost an arm and sometimes a leg to get an upgrade without those bugs (but with a whole set of new one's - see Software Axiom 4a)

Software Axiom 6

'You can never get cheap software - only those you envy; the difference between what you paid and what they paid is proportional to the difference in your incomes. (The more he can afford to go overseas the more, cheaper, software he has. Simple but annoying isn't it)

The Axioms of Programming

1. (See General Law 5)
2. If the reference books you need are available then it will only be after you have finished or given up
3. Reference books will cost in proportion to the necessity of having them (Simply a finer application of General Law 4 & will be impossible to understand in the same proportion)
4. Someone else will provide the same program in a better form just before you do.
5. The program that works best is the most useless (Also true of software)

Laws of Computer Repairs

1. All computers breakdown after the warranty runs out.
2. If a computer dies within warranty -

a) it will have to be sent away.
b) it will only misbehave for you so that ....
c) Technicians (who are all pimplefaced anemic 16 year olds who know more now than you ever will - Murphy's Corollary of Repairmen) will be stumped by the fault and doubt your ability to turn the machine on correctly. And so ....
d) it will be gone for a long time
e) the fault will be caused by a design or concept shortcoming, which cannot be solved, so that ....
f) it will happen again (usually by which time Law 1 is satisfied. Powerful isn't it.)

3. Failures after warranty will express themselves as either

a) small, niggling items not worth getting fixed individually (a key doesn't work, a plug is loose, a light fails)
b) monstrous faults which will cost the earth to fix (and show the effect of General Law 4 and the above Law 2)

Obviously there are many more of Murphy's Laws which are applicable, but these are enough to show you the univers*' effect and importance that these Laws have. The Laws are, fundamental that it is easy to see that Murphy was a man who should have been categorized with Newton, Einstein and others at the pinnacle of physics. Failing that he should have been strangled at birth, curse him.

EDITOR: Reprinted from the September/October 1989 edition of the Australian GS Users Assoc. Author's last name not known.

Appleworks GS Revisited

by Cedric Wester

Early in February I wrote some early thoughts on AWGS, comparing it with AppleWorks, and made a few errors, notably the failure to grasp the principle of "selecting" text, database records or areas of spreadsheet to be printed. Re-reading the manual showed me how easy this is, and much more selective than Open Apple H.

Since then I have received (Free and post free!) from Dataflow an update to the disks and notes on the changes, and find that this update removes most of the small irritations which showed up in the earlier version. It greatly speeds up operations, particularly printing and has a few added features, notably the addition of a couple of much needed functions to database and spreadsheet modules. Printing and calculating time is greatly improved with the update and this is further speeded up by using GS/OS v5.0 to launch the program so that one cannot criticize the speed, when the complexity of the program is considered.

However the real lift to this and other GS applications has been made by the acquisition of a hard disk. At first, when it came to installing this, I was inclined to think that "hard" was the operative word, but with some phone advice and "hands on" help from Sheryl it all clicked into place, and now I can operate diverse applications with speed and no disk swapping. ON BALANCE and CALENDAR CRAFTER do not seem to like a hard disk, which is a pity as I use both frequently, particularly the ON BALANCE. Does anyone know a GS specific application which does what On Balance does and would keep a share portfolio as well? I currently keep share and debenture records with a database and spreadsheet combination using AppleWorks, but it could be improved in speed and simplicity. MS-DOS users seem to be better catered for in this regard, as there are many applications on offer in this field for MS-DOS, but programmers do not appear to recognise that the GS is much more than a home and education machine, and has the capacity to be a most useful business machine with a few suitable programs. However it would take more than this to make me even consider a change from the GS now I have the hard disk and 2 Meg on board.

Apple Tricks

by Craig Crossman

Here is another 'Apple trick', this one from Craig Vaughn of Peripherals Unlimited in Signal Hill, California. This is a way of making your Applesoft program UNLISTABLE. It is really a clever method and quite easy to do.

First, write or load the program you wish to make unlistable. Next, place a REM statement on line 0. Then type in POKE 2049,1. Try to list your program and see what happens. Then try running it and the program should execute as normally. You just won't be able to list it.

It would be nice to be able to just SAVE it to disk, but fortunately DOS corrects that byte to its proper format. However, there is a way to overcome that, too. After you have typed in the POKE statement, enter the monitor by typing CALL -151. Next, type AF.B0. You should see two sets of numbers; they represent one byte past the last byte of your program. Note these, remembering that the two numbers represent the low order byte first and the high order byte second. For example, if after typing the above you saw 90 08, the actual location is 0890 (in hexadecimal). Because Applesoft programs begin at $800, this program is $890-800 = $90 bytes long. Then for this example, you would type:

BSAVE program name, A$800, L$90

You have now saved the Applesoft program as a binary file.

To run the program from Applesoft, simply BLOAD the binary program. It will be loaded as an Applesoft program. Do not BRUN it -- it doesn't work. Just type RUN. If you try to list it before running, it won't list, but it will still run. In most cases, the program will also self-destruct upon completion of execution. (Reprinted from THE ABACUS][- February 1980)

Advertisements

Past Disks of the Month

AkroCAD

Computer Aided Design comes to the Apple II. This program was written to teach students some of the aspects of CAD. This is a two disk (5.25 inch) set for $8.00.

Appleworks Templates

Includes: ADB.Fixer (data base repairer) and many home and business templates.

Publish It! Utilities/Templates

Contains: Font Scanner, Font Editor, Change File Type and six fonts. Also clip art and templates.

GS Digitized Sounds

Six disks of digitized sounds sorted into Sound Effects 1, Theme Songs 1, Theme Songs 2, Music Sounds, Phrases 1 and Phrases 2. All disks contain Noize. Run Noize to play all the sounds on that disk.

GS Games Disk #2

Contains: As the Link Turns, Solitaire and GS Backgammon.

Mines of Moria

A text adventure game for the GS. It requires a Apple IIGS with 1 megabyte RAM.

Modem Utility Disk #2

Contains: Shrink It v2.02, File Attribute Zapper II (excellect program), ProTerm Start, ATP-Pro (comms package).

JumpStart GS Disk

JumpStart is the latest Program Launcher for the GS. It includes a number of file utilities. The disk also includes: MouseTrap CDA, Alarm Clock CDA, Desk Colour NDA, Area Codes CDA.

Apple II Games Disk

Contains: Wheel of Fortune, Uno, LifeLike, Master Mind, Solitare, National Debt and Shark School.

GS Desk Accessories Disk

Includes: Install DA, DA Select, $c1 Picture Saver, CDA Terminal SSC, Disk Info, ImageWriter DA, Marvin, Massa, Master CDA, Mouse Text Remover, Nifty List, Paintworks Fix, Rational Calc, SimpleTerm, Text Clock, Visibell, Alarm Clock, Analog Clock, Background Music, BarClock, Chronograph, ClipLib, Control NDA, Cryon 16 320, Dates, DeskPic, Doodle Pad, Enigma, Frantic NDA, Grass, Info, Meltdown, Mamory Bar, Menu Time, Mr. Apple and many more.

Extended Command Processor 8

ECP 8 is a complete Prodos shell and program selecter for Apple II computers. A large number of commands are available on the disk and you can write extra commands. ECP 8 comes with full instructions. The source code is also included on the 3.5 inch disk.

And More...

Check past Apple-Bugs for more Disks of the Month.

Apple-Q

(the Brisbane User's Group)

Please fill in this **Membership/Renewal Form**, tick the appropiate boxes and send the form to **The Registrar, P.O. Box 698, Redcliffe, Qld. 4020.** Please enclose your remittance with this form.

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               Business (..........) ....

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System Information

❑ **Apple][**   ❑ **Apple][+**   ❑ **Apple //c**
❑ **Apple //e**   ❑ **Apple //GS**   ❑ **Apple ///**
❑ **Macintosh**   ❑ **Other:** ....
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Software Prices:

	5.25"	3.5"
Disk of the Month	$5.00	$8.00
Eamon Games	$4.00	
Public Domain	$2.00	$6.00

Eamon Games:

Catalog Number	5.25"	Price
....	❑	$.........
....	❑	$.........
....	❑	$.........
....	❑	$.........
....	❑	$.........

Disk of the Month:

Disk Name	5.25"	3.5"	Price
Terc Basic	❑	❑	$.........
Modem Utility Disk #1	❑	❑	$.........
Davex Utility Disk	❑	❑	$.........
Appleworks Utility Disk	❑	❑	$.........
Apple II Technical Notes	❑	❑	$.........
Apple IIGS Games Disk		❑	$.........
Dos 3.3 Utility Disk	❑		$.........
Prodos Pot-Pourri Disk	❑	❑	$.........
GS/OS Utility Disk		❑	$.........
Appleworks/Prodos Utility Disk	❑	❑	$.........
Cheap Paint (GS only)		❑	$.........
ECP 8 Prodos Shell	❑	❑	$.........
GS Desk Accessories Disk		❑	$.........
Apple II Games Disk	❑	❑	$.........
Modem Utility Disk #2	❑	❑	$.........

JumpStart (GS only)		❑	$.........
AkroCAD	❑	❑	$.........
Appleworks Templates	❑	❑	$.........
Publish It Utilities/Templates	❑	❑	$.........
GS Games Disk #2		❑	$.........
Mines of Moria		❑	$.........
Hires Doodle	❑		$.........
Applewoeks Utility Disk #2	❑	❑	$.........
Technical Notes Update #1	❑	❑	$.........
GS/OS Utility Disk #2		❑	$.........

Digitized Sounds:

Sound Effects	❑	$.........
Theme Songs #1	❑	$.........
Theme Songs #2	❑	$.........
Music.Sounds	❑	$.........
Phrases #1	❑	$.........
Phrases #2	❑	$.........

GS Graphics:

GS Graphics #1	❑	$.........
GS Graphics #2	❑	$.........
GS Graphics #3	❑	$.........
GS Graphics #4	❑	$.........
GS Graphics #5	❑	$.........
GS Graphics #6	❑	$.........

GS Song Disks:

Music Construction Set	❑	$.........
Music Studio #1	❑	$.........
Music Studio #2	❑	$.........

NewsDisk

Just GS Sampler	❑	$ 5.00

Public Domain:

Catalog Number	5.25"	3.5"	Price
....	❑	❑	$.........
....	❑	❑	$.........
....	❑	❑	$.........
....	❑	❑	$.........
....	❑	❑	$.........

Sub Total		$.........
Post & Pack		$ 2.00
Total Cost		$.........

Thanks to Computer City for the use of their LaserWriter to print this Newsletter.

Apple-Bug

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