Newton OS 2.0 Info Source

Newton 2.0 Easter Egg Gets Major Plug

John Markoff has an article called "DOONESBURY AND APPLE HATCH COMIC SURPRISE" published on 17Dec95 via New York Times News Service. This article points out that if you write "Egg freckles" in the NotePad, select the text and then tap Assist, you will get a panel of the Doonesbury cartoon on the screen. It appears that Garry Trudeau gave Newton programmers permission to use the cartoon after they told him of their plan to add the panel. Also according to the story, the original cartoon was not "poking fun only at the Newton" but was more geared at "boys and their toys." Apple has also given Trudeau, who is a "devoted Macintosh user," a MP120 with Newton 2.0. He doesn't have "any handwriting-recognition calamities to report" with Newton 2.0.

Rebate Procedure

Kenton A. Hoover <shibumi@cisco.com> posted the following on USENET Newsgroup comp.sys.newton.misc:

1. Obtain a rebate coupon. To do this using the fax-back system, call 800.909.0260, and enter '2', then '7'. Then your fax number. Otherwise, just sit on the line and wait for a human and I guess they will mail it to you.
2. The rebate form needs to have:
    The old serial number
    The new serial number
    The sales receipt for your new 120
    The boxtop with the UPC bar section from your new 120
3. Mail the form in to:
    Apple Pre-MP120 Rebate Program
    P.O. Box 17323
    Denver, CO 80217-0323
4. Allow four to six weeks for processing. NOTE: The terms are $100 for you; you must have purchased your new MP120 between November 15th 1995 and March 31st 1996. Your entry must be postmarked by April 30th 1996. The offer is valid only in the US. It applies only to the OMP, the MP100 and the MP110.

Personal Word List Caveat

It does appear that there is a bug in the documentation that is distributed with the MP120 with Newton 2.0. The book manual (and some of the screens on the Newton) lead you to believe that when doing Printing recognition with the option "Add new words to Personal Word List" checked that new words will be added to your Personal Word List. This is not true. If you are using Printing recognition then new words will *not* be added to your Personal Word List. If you use Cursive recognition and you have "Add new words to Personal Word List" checked then new words do get added to your Personal Word List.

NCK 2.0 Does Not Work with Newton 2.0

The Newton Connection Kit (NCK) 2.0 does NOT work with a MP120 that has Newton 2.0 installed on it. If you are purchasing a new MP120 there is no reason to get NCK 2.0. If you did pick-up NCK 2.0 because you thought you could use it with Newton 2.0, you should attempt to return it for full refund. The next version of the NCK, is going to be called the Newton Connection Utility (NCU).   It is expected to be released sometime in early 1996.

Newton 2.0 Ink

Jim Bailey <jdb@tiac.net> reports that he recently did a demo for the Boston Computer Societies Newton Programmer's Collective. The coverage of Newton 2.0 has been pretty good, but there are so many new things in Newton 2.0 that some things have gotten only token coverage. Folks at the demo were very impressed with the "sophistication" of ink text. Ink text is not completely recognized by Newton 2.0. It is "fixed up" by Newton 2.0 as you write and then can be recognized at some point later. In several tests by NewtNews it appears that Ink Text should be most beneficial for those using their Newton to take lengthy notes, as in a class room or interview environment. Text recognition (Printed) appears to be very bullet proof in general text input situations (Names and Dates).

Another Cool 2.0 Feature -- Speed

The general speed of Newton 2.0 is worth noting. When you decide to do overview, the list that comes up in Names, Dates, and Notes does so pretty quickly. Two things that previously were very slow - switching folders in the built-in applications and using Assist - are now much faster. When things do get slow, the Newton displays a lightbulb as it processes.

Newton Tidbits

Newton Windows Software

Flash Sheridan <FlaSheridn@rahul.net> reported on USENET Newsgroup comp.sys.newton.misc that the current address of Newton Package Installer (NPI) 2.0 for Windows should be: <ftp://ftp.info.apple.com:/Apple.Support.Area/newton/NPI_2.0_Windows>. The beta of Windows NBU will be at: <ftp://ftp.info.apple.com/Apple.Support.Area/newton/NBUBETA/NBUINST.EXE>.

Newton 2.0 Ads

The first round of Newton 2.0 ads have begun to hit the magazines. NewtNews spotted ads in Information Week, Forbes, MacWeek, and Inc. magazines. The main themes:

- You're organized while mobilized.
- It not only organizes, it communicates.
- An easy connection to your PC.

The main picture in the ad is a young professional women, holding a MP120 in her left hand in portrait mode, using a cellular phone. The Newton is in Notes displaying a To-Do list with the Routing Folder down (Print, Fax, Beam, Email, etc. ...). The other two smaller pictures show the MP120 in landscape mode connecting to email with a cellular phone, and a PC connected to an MP120 in portrait mode displaying Dates. There is also a mail-in card to get a free video of info. You can also call: 800.423.3300 or "surf" <http://www.info.apple.com/newton>.

Developers Still Waiting For Newton 2.0 ROMs

Several Newton developers are still without Newton 2.0 ROMs, and apparently some had to go out and purchase new MP120s with Newton 2.0 so that they could get moving on migrating their applications to Newton 2.0. Apple promised developers who attended their developers conference held in Sep95 that they would get ROMs before the 01Dec95 general release. Apparently the first patch of 'developer' ROMs were only able to supply half of the attendees at the conference. The second patch of 'developer' ROMs are expected to be delivered soon.

Crabb Likes Newton 2.0

James Benson <jbenson@mcs.com> reports that Don Crabb had an article in the Chicago Sun Times on 23Nov95. He paraphrased the main points as:

- "Good products have a knack for getting better.
- PDA's fit the theory that if at first you don't succeed, try, try, again.
- Apple has the potential to really succeed with their new Newton 2.0 operating system.
- The improvements cover all aspects of the Newton, especially handwriting recognition.
- Speed has improved in all areas as much as 10 to 20 times. On a scale of 10 the new OS rates a 9.5."

SDNUG Meeting Pointer

Douglas Luckie <luckie@waldron.stanford.edu> reports that there is now an article on the Capps/Smith/Ansanelli presentation from the recent Stanford Newton/Macintosh User Group meeting in Palo Alto at: <http://WWW-leland.stanford.edu/~luckie/stuff/Capps.html>.

The Newton French Connection

Pierre Vettier <pVettier@MPadClub.techlink.fr> reports that MPadClub is now offering InfoNote -- a free service in French which allows you to know what's really new in the Newton world! InfoNote is easy to use: you connect a modem to your Newton and you tap on the Connection button. Your Newton will be connected to the MPadClub server, situated in Lyons (France), and then 30 seconds later it will hang up. In this short moment, the most important news about the Newton will have been downloaded to your NotePad or you can manipulate them in InfoNote. You should be able to download InfoNote from most online services and Internet FTP sites. You can logon to MPadClub FirstClass server at: +33 (16) 72 77 95 38 or call : +33 (16) 72 40 91 49 or send email to: <InfoNote@MPadClub.techlink.fr>. [NOTE: MPadClub is the French Newton's users group. InfoNote was written by Pierre Vettier.]

POP/SMTP Email For Newton

Sydney Low <syd@instant-info.com.au> at Instant Information reports that his company has released eNotes. Using eNotes you can send and receive email with a Newton and a wire-line modem with an internet service provider (POP3 and SMTP). The software also works with GSM mobile phones with the appropriate datacard giving true wireless email capabilities. Some of the early testers have implemented SMTP gateways to popular LAN based email systems such as cc:mail, Microsoft Mail and Quickmail and other proprietary email systems. The software is shareware AUD$45/US$35. For more information, send email to: <eNotes@pobox.com>. [There currently appears to be a problem running this software on Newton 2.0 machines. The developer knows about this, and is attempting to solve the problems ASAP.]

New ARM Chip

Guy Brooker <guy@jwsg02.jw.estec.esa.nl> forwarded the following information about the new ARM8 architecture. The new chip offers: high performance cache, improved power consumption, and lower cost. The chip has a five stage core pipeline (the ARM7 has three) and a 0.5 micron rule-set. It will be capable of 80 MIPS at 3.3V. The ARM710 is capable of 40MIPS and the upcoming StrongArm will be in the 160 MIPS range. The target applications include: high-end mobile-computing, digital TV, second generation PDAs, and multimedia applications. The chip should be available in the first half of 1996.

Newton Gets Some Coverage In Info Alley

The 11Dec95 edition of Info Alley (v2,iss17) has three Newton articles in it. The goal of the "Information Alley" is to help Apple computer users get full use of their Apple computers, peripherals, and software. You should be able to find copies on most online services and on Apple FTP sites. The articles focused on:

- "Trouble-Shooting Apple MessagePad Power Related Issues" by Brian Aslakson
- "Using the Newton Backup Utility with Systems Prior to Newton 2.0 OS" by Brian Aslakson
- "Newton 2.0 OS Handwriting Recognizers" by Seth Willis

Please direct any questions or comments about Info Alley to: <cmccabe@austin.apple.com>.

Detailed Newton Beaming Tools

Creative Digital recently posted the following two documents to the Newton UIOWA FTP site in the /submissions directory:

- GizmoDoc.txt
- MWaveDoc.txt

GizmoDoc.txt provides a detailed description of the GizmoBeam device driver which Macintosh programs can use to communicate with Newton and Wizard palmtop computers using an IR-capable device, such as the Sharp CE-IR2 or CE-IR3, connected to a Macintosh's serial port. *MWaveDoc.txt* describes Concrete Software's MicroWave, a Borland and Microsoft C-compatible library which DOS programs can use to communi-

cate with Newton and Wizard palmtop computers using an infrared (IR) transceiver, such as the Sharp CE-IR2 or CE-IR3, connected to a PC serial port. This library implements the serial data transfer protocol found not only in the Newton, but in most of the handheld devices sold by Sharp Electronics. The protocol communications parameters are 9600 baud, 8 data bits, 1 stop bit, and odd parity. For more information you can contact Creative Digital by email at: <cdi@slip.net> or by phone at: 415.621.4252.

Medical Newton Pointers

Vernon Huang <vernon@tactile.com> at Tactile Systems reported the following summarized information on comp.sys.newton.misc:

"Apple publishes a Newton in Medicine Solutions guide which you can receive by sending your US snail mail address to: <newton.med@applelink.apple.com>. "There is also a Newton Medical Listserver that you can subscribe to by sending a message to: <listproc@dsg.harvard.edu>. Leave the subject blank, The body of the message should read:

subscribe newtmed <your name> (not your email address)

"Tactile Systems is very involved in Newton medical applications. They offer TranScriptionist for creating structured SOAP notes, patient instructions, Op notes, etc.. And also announced a Medical Names Extension for Newton 2.0 and a Prescription Writer, as well as a critical pathway variance tracker for Nurse Case Managers."

Send Vernon email for more info about any of these.

Japanese on Your Newton

Tomoharu Nishino <tnishino@phoenix.princeton.edu> posted the following summarized information on comp.sys.newton.misc in response to a question about using Japanese with a Newton: Enfour has a product called UniFEP that comes on a PC Card that lets a user keep the English system underpinnings but lets users enter Kanji into most apps. There is WWW page to examine at: <http://www.root.or.jp/enfour/> for more information. The Japan Newton shareware home page is at: <http://www.inagaki.nuie.nagoya-u.ac.jp/newton/index.e.html>. Shareware app Wabumi 0.26 is similar to the English Paperback. It takes Japanese from a text editor and creates a downloadable package.

Newton Faq Info

Paul Potts <ppotts@frymulti.com> and JC Bousson <jc@easynet.co.uk> have plans to bring their versions of Newton FAQ together and get the FAQ totally up-to-date. They hope to have something that is a combination of each of their work sometime in Jan96. It also appears that Aaron Dickey <kieran@interport.net> is working on his own version of the FAQ. Meanwhile, JC Bousson <jc@easynet.co.uk> has released the "Nwt_Facts_and_FAQs version 3.12." The last update was in February - v3.02. The files were released to most Internet FTP sites and should be forwarded to the online services soon. Look for:

- Nwt_Facts_and_FAQs_312.WRD.sit.hqx (Word 5.1 for Mac file, Stuffed and BinHexed)

- Nwt_Facts_and_FAQs_312.PKG.sit.hqx (a Newton package, Stuffed and BinHexed)

- Nwt_Facts_and_FAQs_312.PKG.hqx (the same Newton package, but not Stuffed)

> ## "PDA's fit the theory that if at first you don't succeed, try, try, again"

- Nwt_Facts_and_FAQs_312.TXT.hqx (an ASCII text version (for UNIX and PC people))

AMUG Putting Finishing Touches on CD-ROM #4

The next iteration of The Totally Incomplete PDA CD-ROM for Newton #4! is complete, and can be ordered from AMUG. There are over 6500 files on this PDA CD, 1200 packages and lots of information. The price is still $29 plus S&H. For more info send email to: <sales@amug.org> or check out: <http://www.amug.org/amug/store/amug-store.html>.

Pocket Doc and PDA Reviews

The 01Oct95 issue of Journal of Family Practice has a review of Pocket Doc 1.1 by Mark Ebell. Pocket Doc lets physicians, via a Newton, document patient history, conduct "physical exams, progress notes, and discharge summaries at the bedside." For more information about Pocket Doc, contact Physix by phone at: 713.797.1199. You can also send them email at: <pocketdoc@physix.com> or WWW: <http://med-amsa.bu.edu/newton.medical/PocketDoc/pocketdoc.html>. The standalone version of Pocket Doc retails for $449.

Mid-America Newton Users Group

Steve Webber <steve@webber.com> reports that he and Brad Kline are starting a new Newton User Group (NUG) named the Mid-America Newton Users Group (MANUG). They are very interested in providing support and promoting the Newton in the 5 states surrounding Missouri - IA, NE, KS, OK, and AR. MANUG will be based out of Overland Park, KS, in the Kansas City Metro area. For more information please check out the MANUG WWW page at: <http://www2.websmart.net/manug/manug1.html>.

Interested in Unix to Newton Connectivity?

If you are a developer interested in creating Unix to Newton connectivity solutions, Flash Sheridan <FlaSheridn@rahul.net> suggests on comp.sys.newton.misc that you send email to: <tools@newton.apple.com>. At the recent Stanford Newton User Group (SNUG) meeting, Walter Smith (aka "Mr. NewtonScript") said that there is going to be a future mailing list for people interested in writing Newton tools for non-Mac/PC platforms.

Solar Charger for Newton

John Loch <johnloch@mtt.com> reports on comp.sys.newton.misc that he is trying to put together a substantial group discount on rugged portable solar chargers for Newtons. Here are some prices:

Luna charger for Newton MP100, MP110, & MP120

Retail price:	$149
Discount price(1-4):	$130 (save $19)
Discount price(4-12):	$120 (save $29)
Discount price(13+):	$110 (save $39)

Check out: <http://wildwestweb.com/public/KISS_Home_Main.html> for more info, or send John email.

Connect with NetHopper

In PC Week, Lisa Nadile has a review of AllPen's $49.95 text-base NetHopper for the Newton 2.0. The software will connect through any ISP that is offering PPP or SLIP connectivity. NetHopper supports hyperlinks, buttons, and forms. For more information check out: <http://www.allpen.com> or call: 408.399.800. [PC Week, 04Dec95, Pages 41, 48]

Upcoming Events

Capps to Speak at PDA Dev West

Creative Digital has announced that Steve Capps, distinguished Apple Fellow, and one of key engineers responsible for the Newton architecture, will be the closing speaker at PDA Developers West '96, which will be held near San Francisco, Jan 14-16, 1996. Steve will be talking about the Newton 2.0 operating system and developing Newton applications. He joins keynotes Andy Hertzfeld, Kheng Joo Khaw, Andy Seybold, and Jeff Hawkins. It has also been announced that Apple's Newton Systems Group has joined General Magic, Psion, Hewlett Packard, and Geoworks as sponsors of PDA Developers West. The three-day developer conference includes:

- Full-day Magic Cap, Psion, GEOS/OmniGo, and Newton tutorials
- Several presentations on integrating wireless technologies into PDA software
- Advanced topics like PDA Internet and Web access, animation, handwriting and speech recognizers, and cross-platform development
- Small business start-up and survival tactics, finding investors, complex strategic alliances, electronic distribution, marketing tactics, and channel requirements
- Development tools demos
- Demos and sneaks of lots of cool stuff

The most up-to-date conference information can be found at: <http://www.slip.net/~cdi>. Or send email to: <cdi@cdigital.com>.

Rumor Mill

Another Newton Source Store?

Word on the Net is that Newton Source expects to be opening another Newton savvy store in Boston, MA sometime in Feb96. No word though on when the reported Chicago, IL store is really going to open.

Oracle Internet Computer

According to an article by Brooke Crothers it seems Oracle executives are most committed to using a "stripped down variant of Apple's Newton operating system" for their low-cost Internet computer. [InfoWeek, 11Dec95, Page 3]

Newton & the Web

Sites on the Web to Check Out

Have you looked at Apple's Newton WWW page lately? Well, there have been some nice updates and a new structure. Hopefully some of the gaps will be filled in soon, though. Check it out at: <http://newton.info.apple.com/newton/>.

Does the name Danny Goodman mean anything to you? If you are an old HyperCard guru or dabble in AppleScript or just checked out his recent 'Intro to Windows 95' book then you know Danny is a great technologist. He is also a Newton guy, and you can get more info about what he is up to and what kind of Newton services he is offering by checking out his website at: <http://www.dannyg.com>. You can also send him email at: <dannyg@dannyg.com>.

Steve Riggins <geek@GeeksRUs.com> at GeeksRUs reports that he is back in the Newton world and has updated his website at: <http://www.geeksrus.com/>.

Jason Snell <jsnell@macuser.com> reported via the MacWay list that you can get the following info off the newly expanded MacUser WWW pages:

- EvangeList Summary <http://www.zdnet.com/~macuser/macway/>
- The MacUser/ZMac Utility of the Month
- 11th Annual Editor's Choice Awards <http://www.zdnet.com/~macuser/eddy95/>
- "Choosing the Right Mac" <http://www.zdnet.com/~macuser/>

Check out Newtl at: <http://www.tcel.com/~aehall/newtl/newtl.html>. It's a C++ program that runs on Linux that talks to Slurpee running on your Newton. You can email, fax, and print all from your Newton through your Linux box.

James Robertson <jamesr@magna.com.au> has announced an OzNUG Web Site Expansion at: <http://www.oznug.org.au/documents/oznug> -- get the latest Newton info from our Newton friends in Australia.

You can get the latest MacWeek Newton information at: <http://www.zdnet.com/~macweek/newton.html> or <http://zcias3.ziff.com/%7Emacweek/newton.html>

In NewtNews' opinion, one of the best WWW published research projects, and an excellent example of how the WWW should be used, can be found at: <http://www.riace.edu/~gouge/twinkies.html>.

Mike Cohen <isis@NETCOM.COM> at ISIS International (developers of Flash Data) reports that they are in the process of moving. Please make a note of his new email address at: <isis@isis-intl.com>.   The ISIS WWW page is now at: <http://www.isis-intl.com/>.

Amigo 1.5 Docs on the WWW

Randy Kaplan <rkaplan@ACM.ORG> the developer of AMIGO for the Newton posted on comp.sys.newton.announce that the documentation for AMIGO 1.5 is now on the World Wide Web. If you are curious about what AMIGO looks like, aim your browser at: <http://info.acm.org/~rkaplan/homepage.html>.

Wireless

Motorola Wireless Messenger Price Cut

Motorola announced a price drop for the Motorola Wireless Messenger to $399, + a $100 ARDIS credit on 04Dec95. The card promotion lasts until 31Mar96 but the ARDIS credit only goes to 31Dec95. For more info check out the Motorola Wireless Messenger 100D Wireless Modem Card page at: <http://www.mot.com/MIMS/WDG/Technology/PM/>.

Newton Mention

In the 29Nov95 issue of Wireless Data News, there is an article entitled "Wireless Data Service Providers Have Reduced Presence at COMDEX '95." The article mentions the Newton twice in the review of Comdex. The first was a highlight of the new Ardis savvy software called "Mail on the Run!" that lets Newton users send/receive wireless email from LAN based PC systems. The second, was Motorola showing off their new 100D PC Card that allows Ardis connectivity for the Apple MP120 using Newton 2.0. While this article is pre-Newton 2.0 it is worth mentioning because Michael Cheek gives the MP120 high marks as a great organizer in an evaluation review published 18Sep95 in Government Computer News. Michael's biggest complaint was the lack of consistent handwriting recognition which is one of the main improvements in Newton 2.0.

Wireless Connections

Mark Moore reports that with a Motorola Personal Messenger 100D PC Card, an ARDIS account, and a MP120 with Newton 2.0 you can wirelessly send and receive faxes and email. [PC Week, 04Dec95, Pages 41, 48]

Maximum Connectivity

Motorola's PCMCIA Products Division has introduced Montana -- a 28.8 data/fax modem PC Card that includes cellular connectivity and wireless messaging for one-way and two-way paging systems. [iNews]

Other PDA's

Magic Cap forms Package

Mark Cleveland <mcleveland@BUCKAROO.COM> reports that FreeStyle is now available from Software Partners. FreeStyle allows you to design forms and forms based applications directly on your Magic Cap communicator. You don't need a Macintosh or CodeWarrior to develop forms-based applications when you use FreeStyle. Creating a form is as easy as dragging and dropping components from the Magic Hat on to your new form and then arranging them. FreeStyle is available from Software Partners. The price is $129.95 for a single copy and quantity discounts are available. For more info check out their new WWW page at: <http://www.buckaroo.com>. You can also contact Christina Cordova by email at: <info@buckaroo.com> or phone at: 415.428.0160 ext. 200. [The name of this product should not be confused with the handwriting recognition software for the Newton created by ParaGraph, which is also called FreeStyle.]

New RISC-Based PDA Chip

Philips Electronics has reported that their Signetics unit has teamed with MIPS Technologies to develop a RISC based chip being called the "One Chip PDA." This chip uses the R3000 core with integrated components capable of handling bit-mapped LCD graphics, multiple screen sizes, video buffer, 8 levels of color or gray, touch-screen, keyboard, sound input and output, IrDA, and serial comms. The chip also has a "Realtime Module" that offers date, timing, alarm, and interrupts functions. The chip is being marketed towards "PDAs, smart telephones, organisers, handheld games, electronic books and data collection devices." Samples are expected Jan96, with volume shipping in Q2,96. Pricing will be under $20 a chip in 100,000 and up volumes. [Information via PowerPC News - Computergram International, 04Dec95]

New Hardware Based Organizer

Palm Computing has plans to introduce a hardware based organizer sometime in January 1996 Details include: 3 by 5 inch, Rolodex and calendar features, OS developed by Palm, includes a small LCD with small area for doing letter by letter Graffiti input, and PC connectivity via a docking station. [PC Week, 27Nov95, Mark Moore, page 6]

More Newsbits

Nikkei English News reported that Mitsubishi Electric Corp. has plans to introduce sometime in the first half 1996 a Win95 pen-based notepad device designed for mobile sales personnel. [iNews]

General Magic has posted a beta of their Magic Cap for Windows software on their WWW site at: <http://www.genmagic.com>. The software is expected to ship in Q2,96 and will retail for $99. [iNews]

Phoenix Technologies has announced a multi-year strategic agreement with HP to provide system-enabling software for the next generation of HP handheld computers. [iNews]

Geoworks is now shipping two products -- SDK and Bindery -- to developers. The software should make creating applications for HP's OmniGo 100 handheld organizer easier. [iNews]

Software Releases

Power User Preferences

Jim Bailey <jdb@tiac.net> has released Newton 2.0 Power User Prefs. This package adds a panel to the Prefs application under Newton 2.0 to allow access to some hidden options that aren't normally available. In short, these include:

- Manage how the Extras drawer opens and closes
- "Freeze" packages in Extras
- Re-enables the old Undo button functionality
- Enables a Pref for recording whether you are right or left handed

This package only works under Newton OS 2.0. Loading it on earlier versions of the Newton will not work and produce an error. Since the functions are undocumented they may stop working in the future. You should be able to find Power User Prefs at: <ftp://ftp.amug.org/incoming/POWRPREF.HQX>

Finishing Touches on Newtcase 3.0

Although ICS has not released it yet, we know that NewtCase 3.0 has gone 'Golden' and documentation is at the printers. The new version is Newton 2.0 savvy and includes a wide range of features. Stay tuned for more info or check out the ICS WWW site at: <http://www.newts.com/>.

Timestamp 2.0 for Newton 2.0 Released

Jim Bailey <jdb@tiac.net> has released a new package that adds an action (routing) button on the Notepad called "Timestamp". When you select Timestamp that note is updated to the current date and time. This has the effect of moving it forward in the Notepad to the last item in the Notepad paper roll. Tapping undo will put the old timestamp back on the note and the note will return to its previous position in the roll. You can also select several items to be stamped by using the Notepad overview. When you choose Timestamp all the items are updated to the current time. The exact position of the selected items in the list cannot be determined relative to each other. This package is an extension and shows up in the extras drawer in the extensions folder. This is a Newton 2.0 only application. If you load it on a previous version you will get an error. You should be able to find Timestamp at: <ftp://ftp.amug.org/incoming/TIMESTMP.HQX>

PocketMoney 2.0f1 Available

Catamount Software has announced that PocketMoney 2.0 final candidate 1 is ready for trial. PocketMoney 2.0f1 is still in beta testing, but due to the demand from users upgrading to Newton OS 2.0 Catamount has decided to make PocketMoney 2.0 available early from their WWW site at: <http://www.together.net/~hardy/>. If the final testing continues well, the official PocketMoney 2.0 will be distributed to the FTP sites and other online areas by the time you read this. Please download it and test things out, and if you have any problems email: <bugs@catamount.com>.

Luna Mail To Get Second Version

NewtNews has gotten word that folks at LunaTech plan to release a new version of LunaMail for Newton 2.0. There is suppose to be a commercial and freeware versions. For more info check out: <http://www.lunatech.com>.

Helpful Newton OS 1.3 Info

Apple has updated the 1.3 operating system, and free upgrade patches can be found in the software libraries of AOL and eWorld. The 1.3 patch is available for the 100, 110, and 120.

Better Notepad Scrolling

NoteScroller 4.0 has been revamped for Newton OS 2.0:

- Customize the amount the Notepad scrolls
- Have the NotePad continuously scroll until you tell it to stop
- Built-in preferences so only one button is required

Version 2.0 of NoteScroller is still available for users with Newton OS 1.x. For more information contact: Hardy Macia, Catamount Software, 802.863.5256, <info@catamount.com>, or <http://www.together.net/~hardy/>.

New Handwriting Recognition Solution is Shipping!

Ilya Poluektov <ILYAP@nt.paragraph.com> at ParaGraph International reports the following:

- FreeStyle is now shipping -- a new unique handwriting recognition application
- To use FreeStyle you do not need to memorize any pre-designed symbols
- It works under Newton 1.x and 2.0
- It compliments ParaGraph's CalliGrapher handwriting recognizer algorithm used by all Newton OSes
- FreeStyle takes about 15 minutes to train
- It includes a macro system that allows a user to enter large blocks of text by writing only several characters
- In the future FreeStyle will be trainable to recognize non-Latin languages
- FreeStyle is based on ParaGraph's revolutionary OrthoGraph technology -- HodoGraph -- ParaGraph's patented ink compression technology, provides ink compression at ratios up to 20:1 with high fidelity reconstruction.

FreeStyle costs $49.95 and can be ordered by calling: 800.526.3977. Competitive Upgrade Available. Get more info by checking out the ParaGraph WWW page at: <http://www.paragraph.com>. There is a demo of FreeStyle available on the WWW page.

Quicknames Pro 2.1e Ships

LandWare has announced the release of Quicknames Pro 2.1e. This version is free to all registered customers of 2.0e. This is *not* simply a maintenance release" for Newton 2.0 operating system compatibility. Here are some if its new features:

- Full screen operation
- Auto searching on highlighted text (find a selected name with a single tap)
- Search initiation delay (enter multiple characters before searching)
- Greater control over recent names list (add permanent names, remove single names)
- Auto sort phone numbers when dialing
- Optional City, State, Zip quick search (find all clients in an area with a couple of taps)
- Supports the Newton 2.0 operating system: Landscape operation; Instant access to calls log; and Single tap addition of new groups & companies.

This version runs on Newton 1.x and 2.0 OS. Full details can be found on LandWare's website: <http://www.landware.com>.

New Version of Newt's Cape

Steve Weyer <weyer@netaxs.com> reports there is a new version of Newt's Cape - version 1.1 - which creates Newton books with text, graphics, hypertext links, tables and embedded forms from HTML (HyperText Markup Language) documents in your Notepad, Inbox or over a serial connection. Improvements to version 1.1 include:

- NOS 2.0 compatible. This version should work on all MP models.
- Prefs allows customizing of indents, font, alignment for many tags
- Back, History buttons available during book navigation
- Support for tables
- Added/fixed several more tags
- Combines multiple books or Notes source into single book via LINK
- Extract text contents of any book
- 57600 Serial added to Connect list
- Performance and heap improvements

Newt's Cape, along with associated documents and tools, is *shareware* $US35. Registered users receive additional documentation, examples, tools and support. For the latest information and releases: <http://www.netaxs.com/~weyer/newton/newtscape.html>.

Mahjongg Finally Fixed

NewtNews received the following summarized information from Sanjay Vakil <sanj@MIT.EDU>, developer of Mahjongg for the Newton:

- There is a new version of Mahjongg posted to Newton Internet FTP sites
- The problems with earlier versions should be fixed
- Current users should upgrade to this version

ShopList Gets Upgraded

Jeffrey C. Schlimmer <schlimme@eecs.wsu.edu> reports that shopList 2.3 has been released. ShopList is a free shopping list program that is Newton 1.x compatible and Newton 2.0 savvy. ShopList 2.3 includes the following new features:

- Support for portrait and landscape rotations (Newton 2.0 only).
- Icons in popup lists (Newton 2.0 only).

For the actual software check out: <ftp://ftp.eecs.wsu.edu/pub/newton/SLIS23E.HQX> (English) <ftp://ftp.eecs.wsu.edu/pub/newton/SLIS23S.HQX> (Spanish). For more info, please consult the shopList WWW page at: <http://www.eecs.wsu.edu/~schlimme/newton/shopList.shtml>

Newton Securities Utility

NewtwarePDQ has announced TraderPDQ -- a securities pricing calculator. Version 1.0 will be distributed as Freeware, version 2.0 will be Shareware. TraderPDQ calculates the price, yield, and discount for Bonds, Notes, and Bills (and bank CD's). It is similar in function to the HP-12C and the Monroe Trader. For more info check out: <http://www.openix.com/~monica/pdq.htm>.

The Notes Organizer

Alexander Marcour <a.marcour@kagi.com> reports that NotesOrg 2.0 (now with a Project-Management tool) is an application that works with your Notepad notes, but lets you assign projects, names and topics to them. This software is shareware. You can also create attached to-do's and meetings or attach your notes to everything else on your Newton. Filter your notes by folder, date, project, name or topic. Use shortcuts. New features include: Project-Manager, reports (print, fax or mail all notes matching your filter), change note's date, additional navigating tools, saving of filter, and Link-Manager. You can get NotesOrg from: <http://ourworld.compuserve.com/homepages/AMarcour> or CompuServe (Go Newton).

Newton is Now Sony Remote Savvy

Ashish Mishra <A2MISHRA@ELECTRICAL.watstar.uwaterloo.ca> reported on comp.sys.newton.announce that Sine of the Times has posted 'ShowTime' -- a professional remote control Newton application for Sony equipment to the Newton FTP Sites.

PowerKey Newton Keyboard Driver

Gopi D Flaherty <gf2e+@andrew.cmu.edu> reports that he has posted powerKey - a Newton package that allows you to use Apple's Newton Keyboard with a Newton MessagePad running OS versions previous to 2.0 -- to his WWW page at: <http://gauranga.res.cmu.edu/powerkey/>. Simply put, powerKey pops up a tiny window (similar to, but smaller than Graffiti) which lets you turn the Newton Keyboard on and off. When the keyboard is activated, you can type into any Newton application, the same way you would hand-write or use the built-in keyboard.

Geanealogy for Newton

Peter Mitchell <PMitchell@eworld.com> announced the release of Relations 1.1 to the Internet. Relations is a shareware genealogy program for Newton devices. It can be used to enter information for unrelated individuals, or it can be used to enter families with the links to mother, father, spouse, etc. This version will run on Newton OS 2.0 but does not take advantage of some of the new OS features. Peter is also author of DateReminder and SalesAssistant. For more info check out: <http://www.ccinet.ab.ca/pmitchell/msd-home.html>.

ProCALC is Nearly Ready to Ship!

Clinton Logan <clinton@iconz.co.nz> reports on comp.sys.newton.misc that proCALC Ex is close to release. Some features include:

- Newton 2.0 compatibility
- User programming
- RPN or SAN input logic options
- Reassignment of the Newton built in calculator icon
- Aesthetic and functional emulation of a "real" calculator
- IR printing option
- Full screen operation with iconification
- Evaluation of hilited NewtonScript expression sequences
- Statistics functions (inc. Linear regression and estimation)
- Optionally installable finance functions (inc. FV, PV, PMT , n , i)
- Modular architecture
- Modest requirements (proCALC Ex: 103K, CodeEditor:24K)

ProCALC Ex is being published by LandWare and a visual overview is available at: <http://www.landware.com>. For more information please send Clinton email or send email to: Ken Landau <info@landware.com>.

Aloha 2.0 Announced

Catamount Software has announced the availability of Aloha an email client for the Newton platform. Send and receive important email anytime and anywhere through your Newton PDA and America Online, one of the most popular online services. Major Aloha Features:

- Performs flash email session to AOL
- Access multiple AOL accounts
- Save multiple access numbers (SprintNet, AOLNet, AOL's 800 number, and AOLGlobalNet networks supported)
- Works with Motorola Cellect cellular modem.
- Connect at speeds up to 28,800 baud
- Filter incoming messages on title or email address

- Set Internet style signature to all out going messages

For more information send email to: <hardy@catamount.com> or check out the Catamount WWW page at: <http://www.together.net/~hardy>.

NS Basic 3.0 For Newton OS 2.0

NS BASIC Corporation has announced the availability of Release 3.0 of NS BASIC, which takes full advantage of the new capabilities of Newton 2.0. It features performance gains over previous versions of NS BASIC, as well as the following new features:

- Standalone packages can be developed for royalty free distribution
- Powerful new window objects allow extended functionality
- Programs can operate in normal or landscape mode
- Integration with Newton Press files
- Many other new additions to the language

NS BASIC is a powerful and easy to use scripting tool/development environment for Newton devices that combines a toolkit of built in window objects with a scripting capability based on the well-known programming language, BASIC. It is available for US$99+S&H. Upgrade for just $29.95. For more information call 416.264.5999 or via WWW <http://www.nsbasic.com>.

New Kids Newton Apps

James Thiele <jet@eskimo.com> reports that he has put two freeware Newton games for kids on his WWW page at: <http://www.eskimo.com/~jet/newton/>.

- TicTacToe: play against Newton or two people can play.
- Animal Sounds: shows pictures of animals and plays a sound, and when the pictures are tapped.

Both of these are enjoyed by young children. Another app that children may like is "States", which shows a map of the United States and displays the name of the state and the state capital.

HangMan for the Newton

Jeff Schlimmer <schlimme@eecs.wsu.edu> reports the release of version 2.0 of hangMan -- the free word guessing game. HangMan 2.0 is Newton 1.x compatible and Newton 2.0 savvy. For the English version: <ftp://ftp.eecs.wsu.edu/pub/newton/HMAN2E.HQX>. For the Spanish version: <ftp://ftp.eecs.wsu.edu/pub/newton/HMAN2S.HQX>. For more info: <http://www.eecs.wsu.edu/~schlimme/newton/hangMan.shtml>.

Product Review

FreeStyle from Paragraph
by J.Furukawa <archone@aloha.com>

"When Ken at Landware asked me to help spread the word about their new product, FreeStyle (developed by Paragraph, distributed by Landware) I figured that since I'd written a few reviews in college I could write one for NewtNews. As a test of FreeStyle, I am using the actual program to write this review.

"The product itself comes neatly packaged in a small box. It includes both the Windows and Mac versions of the disks containing the programs and the instruction booklet.

"FreeStyle consists of three programs, the trainer, the actual program, and a macro creator. Also included is a UserGuide file which essentially mirrors the instruction booklet.

"Paragraph claims that training takes just 15 minutes, that is only partly true. The base training time takes 15 minutes, but I've probably spent an-

other half an hour perfecting some of my character's recognition. The good news is once THAT is done, character recognition seems to be about 98%.

"The actual program is a writing window that can be called up by tapping twice anywhere on the screen. The window can be of two sizes, but I prefer the smaller one which measures about an inch and a half by an inch. The larger window measures two and three quarters of an inch by one and a half inches. The window can be dragged anywhere on the screen, even under the names-dates-extras bar. If the window is dragged under the names bar, it disables those functions to allow writing on the bar. Useful if you need to have access to the full screen.

"Now the bad news. Problems in my own usage seem to be characters with multiple strokes, most notably 'H' which shows up as 'It', and 'k' which has a tendency to come out as 'lc.' FreeStyle seems to be a little on the anxious side when trying to recognize multi-stroke letters. Perhaps in the next version they will add a feature that will allow variable recognition speed to suit different handwriting speeds. Maybe something similar to what is already in Newton preferences.

"Part of the problem is my own handwriting style which tends to make l's and I's look the same, so I use a feature that allows me to turn off the capital letter recognition. Instead, I use a 'shift' character that lets me write strictly in lowercase letters and 'shift' into uppercase when necessary. This has taken care of most of my multi-stroke character problems.

"A few of the functions work in a similar way to the Shift character. A few of the functions that have their own characters are Shift Lock, Number, Special Symbols, and Macro's. In case you forget what the symbol for these functions are, they are nicely accessible from the writing window.

"The last feature, the Macro Function is simplicity itself. Just define your prearranged word or phrase in the macro program, write the character of the Macro function followed by the character assigned to your phrase and BAM! Your text magically appears on the screen!

"Is anything missing? Well, not really, but now that we have an efficient input method how about cursor controls?

"If you would like to try FreeStyle for yourself, a demo version is available at <http://www.paragraph.com>. "

Admin Stuff

For those of you reading this month's issue of NewtNews Pro online (in pdf format), you might notice that you can now directly access Web references. In an effort to make it a little easier to get all the info that's out there, we've started to make use of Acrobat's built in World Wide Web link feature. Just click on any of the URL's that are listed, locate your favorite Web browser (first time only), and voila - you're linked to the Web page. Note that this feature works only with Acrobat Reader 2.1, so if you're using an older version, you'll need to update it <http://www.adobe.com/Software/Acrobat/>. We plan on implementing more pdf goodies in the future, so let me know what you want to see and how you read the newsletter - on the screen or in print.

Please contact me with any question, comments, etc. Any contributions to the content of NewtNews should be sent to Steve Holden <sholden@ridgecrest.ca.us>, Editor and Publisher of NewtNews.

Dave Hina
Editor & Producer, NewtNews Pro
<daverh@aol.com>

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Products/Services

Newt's Cape - Create Newton books with text, graphics, hyperlinks, tables and forms from HTML. NOS 2.0 compatible. Browse web pages via email. Customize behavior with embedded NewtonScript. Convert/transfer graphics (Mac or Win) to Newton format. Save books as packages directly on your Newton. For info email: <grs124@psu.edu>, <weyer@netaxs.com>, or <http://www.netaxs.com/~weyer/newton/newtscape.html> - Shareware: $35.

CATAMOUNT SOFTWARE offers the following:
- POCKETMONEY assists you in balancing your checking, savings, credit card and loan accounts. Export and import transactions to Quicken, MYM and other desktop based programs. With a shareware price of only $30 it won't break your piggybank.
- MPG helps you keep your vehicle records in order. Track fuel economy, record mileage for tax purposes, schedule repeating vehicle maintenance items for multiple vehicles. MPG can directly update to PocketMoney. It's only $20.
- SPECIAL of the MONTH - Special GIFT with PocketMoney 1.5 purchase. Choose one of the following programs to receive free with your PocketMoney purchase: TimeLock, NameDropper, NoteScroller, Drag, or AssistCalc.

For more information call 802-863-5256 or email <info@catamount.com> WWW Catalog at: <http://www.together.net/~hardy>.

AMIGO 1.5 for the Newton. NEW RELEASE! AMIGO is a dictionary reference and translation program for English and Spanish for the Newton MessagePad. Version 1.5 has many new features and improvements over the original version. The dictionary now includes medical and computer terminology. AMIGO 1.5 is available from ACCSYS Corporation for $24.95 + $1.50 S&H. Call 610.436.4570 or send email to <rkaplan@acm.org> for more information. A demo version is also now available.

GRAFFITI 2.0. The fastest, most accurate way to enter text into your Newton JUST GOT BETTER. We've listened to all your suggestions. Graffiti 2.0 for Newton 2.0 is faster, easier to use, and better integrated with Newton OS. Graffiti 2.0 (Newton 2.0 only) is $79. Upgrade from Graffiti 1.0 for $29. Graffiti 1.0 for Newton 1.x is $59. Mention source code NN1, and get a free pen. Call 800/881-PALM.

NEW! AvailWorks 2.0 For Newton -- the only Newton software to integrate text processing, spreadsheets, drawings and graphs into a single application. Lay out a full 8-1/2 by 11 inch page for faxing or printing - what you see is what you get. Works with Avail ClipArt for Newton libraries! $79.95+S&H. Info/orders, contact: Avail Technology, Phone: (408) 730-6855, FAX: (408) 746-3630, email: <Avail2@aol.com>.

NEW! Avail ClipArt For Newton libraries -- Five professionally-drawn clip-art collections (created by the T/Maker Company). 100+ images each, special Newton ClipArt Installer package, plus free bonus Newton utility "Avail NotepadPlus For Newton." Works with AvailWorks for Newton! $19.95/ea. plus S&H. Info/orders, contact: Avail Technology, Phone: (408) 730-6855, FAX: (408) 746-3630, email: <Avail2@aol.com>.

ChessPad 2.0 turns the Newton into a digital chess book and a portable chess set. It contains 28 fully-annotated games played by the greatest players of all time, 100 brilliant winning combinations by Morphy, Tal, Fischer, and Kasparov, and 100 chess problems. ChessPad can also import games in Portable Game Notation format that are freely available online. Price: $39.95. Clear Lake Research 713.663.7513; <DavidL62@aol.com>.

Custom **NEWTON BOOKS** - Rare White Tiger Creations provides Newton Book publishing services. NEW! Look for the FREEWARE Newton

Book version of "Legends and Myths of the Sioux" (sioux.sit.hqx) at the Newton FTP site <ftp://newton.uiowa.edu/submissions>. For more information, send email to: <rare.white.tiger.creations@pobox.com> or check out the following Web page: at: <http://pages.prodigy.com/CA/mrh/rwtc.html>.

QuickFigure Pro (QFP) 3.0 Enhanced for Newton 2.0 OS: Create a spreadsheet within the MessagePad's built-in Notepad. QFP 3.0 also supports landscape or portrait mode, has a larger spreadsheet size (52 x 999), supports direct cell entry, worksheet linking, delayed recalculation, and filing. From PelicanWare at $59.95+S&H (Upgrades $20+S&H). Email <donv@teleport.com> for more details. Call 800.655.6398 for ordering.

PDA Panache crafts fine stylus upgrades for your Newton that are the ultimate in writing comfort and control with screen-safe tip guaranteed for life.
- Custom designed pens for vertical applications also available!
- Gold or Silver Plated Finish Brass Telescoping Pen for MP110 & MP120.
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More information or Visa/MasterCard orders at: 1.800.270.7196, FAX: 516.467.6329, Int'l: 516.467.4042, or email: <PDAPanache@eworld.com>.

Equate -- A powerful spreadsheet that lets you run Microsoft Excel spreadsheets of any size (16384 rows by 255 columns) on your Newton. Enter data directly into spreadsheet cells. Adjust column widths, freeze labels, scroll, and zoom just like a desktop spreadsheet. List price $99.00. MobileCalc/Tapworks/QFPro owners can upgrade to Equate for $69. Contact Holosoft at 408.748.9648, or <holosoft@eworld.com>.

Newt Tools - Essential Utilities For Newton. Six integrated utilities provide all the tools to manage your Newton. Install more applications, manage packages, memory, soups and more! Includes a customizable ButtonBar, scrolling Extras Drawer, Package Tool, Memory Tool, Soup Tool and Soup Editor. Ascribe Software: $49.95 plus S&H. Email: <ascribe@eworld.com> ## Dealers/Orders/Info: 800/732-8608 ##

RAGOUT (Ragu) - The Ultimate Soup Tool for Newton developers, consultants, and power users. Excellent soup, soup entry, and index modification and search capabilities, to any depth, plus an intuitive, easy-to-use interface. Ragout has more soup management and browsing capabilities than any other soup utility. $55, $50 to PDA Developers subscribers, plus S&H. Complete docs can be found on Online Services. Published by Creative Digital who also publish ViewFrame and NewtRTFM. 415.621.4252. 415.622.4922 (fax), <cdi@cdigital.com>.

GESTURE MOSAIC - The fastest pen based method of data entry for your PDA. With Gesture Mosaic you can enter sentences at speeds up to or greater than 40 words per minute, and see characters instantly. Nearly 100% accurate, Gesture Mosaic is quick to learn and easy to use. This unique, new character generation technology is available today. Only $69.95. Call 800/69-MOSAIC. <AmtelMIT@eworld.com>

NS BASIC 3.0 Enhanced for Newton 2.0 OS: NS BASIC is a full implementation of the well known programming language that now creates packages in the Extras Drawer. It features extensions such as indexed files, window objects, graphics and serial and infrared comms. Program directly on the Newton or with an attached PC or Mac. $99 + 5 S&H Info: <info@nsbasic.com>, <http://www.nsbasic.com>, 416.264.5999.

Newt. Learn object-oriented programming with NewtonScript, develop applications and save packages directly on your Newton with the Newt Development Environment NOS 2.0 compatible. Registered users receive support, 80+ pp. manual, tutorials, 170+ source examples, additional plug-ins. Shareware: $49.50. For more info, email: <weyer@netaxs.com> or check out: <http://www.netaxs.com/~weyer/newton/releases.html>.

NEED A NEWTON PROGRAMMER? NewtNews has a list of over 30 Internet based Newton programmers who are interested in working on vertical or horizontal market applications. Please send me email at: <sholden@ridgecrest.ca.us> if you would like the document or would like to be added to the document.

AWESOME NEWTON SOLUTIONS FROM **LANDWARE**. All are Newton 2.0 compatible:
- ProCALC Ex: Programmable w/ SAN & RPN, includes: proCALC 12c.
- Quicknames Pro: Rapid access to names and much more.
- KwikMenu: the Newton dashboard, includes GestureLaunch Lite.
- NewtPaint: "MacPaint" on your Newton, w/zoom-in and screen shot.
- Sync+: Dates to Schedule+ 1.0 or 7.0
More info: 201-347-0031, <sales@landware.com>, <http://www.landware.com>

STAND ALONE offers a variety of Newton applications for Newton 2.0:
- PACKAGE POPUP: instant access to all your packages. $15.
- SECURE-A-NEWT: Password protection throughout. $20.
- KEYMAN: Adds function keys and a multi-function calculator. $20.
- NOTEMAN: Instant access to the NotePad from any package. $10.
- BACKGAMMON: The classic board game, brought to Newton. $20.
- SUPER SORTER: Fast list management. Fully customizable. $20
For information about any of these or other Stand Alone products, contact us at: <info@standalone.com>, or (312) 262-5150. Also check out our Web site at: <http://www.standalone.com/newton>.

BILLS TO PAY 2.5 - never get charged for an over due bill again! BILLS TO PAY lets you easily track bills and expenses, create budget projections, and set alarms to remind you of bills coming due. BILLS TO PAY is also fully customizable, and interfaces with PocketMoney. From MAR Software $25 (shareware). Download demo version from most Online Services or email: <EdMartin@eWorld.com> for more info.

NEWTCASE 3.0 IS HERE! New version for Newton 2.0, includes SleepAid, GestureLaunch, NewtInfo and SoupKitchen with three new packages. Desktop, a replacement backdrop, Package Manager, and Extensions Manager. Enhances the Extras Drawer too! Order now, just $49.95 (upgrade for $20) plus S&H. Order from PelicanWare 800/655-6398, 503/221-1148 or <pelican@newts.com>. More info: <http://www.newts.com/>

PDA DEVELOPERS WEST '96, Jan 14-16, San Francisco. Keynotes: Andy Hertzfeld; Kheng Joo Khaw, HP; Andy Seybold; Jeff Hawkins, Palm Computing. Full-day Magic Cap, GEOS/OmniGo, Psion, and Newton tutorials. Other tracks: Wireless development, advanced PDA programming, the business of software development, developer tools, developer services and programs, and new technologies. Lowest registration rates until Nov. 22. Cosponsored by General Magic, Psion, and HP. 415.621.4252 or <cdi@cdigital.com>. Produced by Creative Digital publishers of PDA Developers magazine.

The **WriteRight** Screen Enhancement is a unique clear plastic film that protects the Newton screen from scratches, reduces glare and improves the feel of writing to help handwriting recognition. WriteRights are available in packs of: 4-for $11.95, 8-for $18.95, and 12-for $24.95. Mention NewtNews and receive 10% off our 12-pack. Contact Concept Kitchen at: <Info@ConceptKitchen.com> or 415-929-1002.

NEW! 4th Volume of the **Totally Incomplete PDA CD-ROM** for Newton! This CD-ROM from AMUG contains over 5500 files, 1200 packages, and 280 megs in Mac and PC format. Packages can be downloaded directly from the CD to your MessagePad. Maximize your Newton experience! $29 + S/H. Call AMUG 602.553.0066, or email <sales@amug.org> to order! See our secure web order page at <http://www.amug.org/amug/store/order.html>.