



NewtNews Pro

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Comments and suggestions welcome!

1 December, 1995

Newton OS 2.0 Takes Top Honors at COMDEX '95!

The Newton 2.0 operating system has received "Best of COMDEX" honors at the recent Comdex/Fall '95 trade show held in Las Vegas, Nevada. Newton 2.0, the operating system for Apple's MessagePad PDA as well as devices from Newton licensees, won "Best of COMDEX" in the "Operating System" category. The coveted "Best of COMDEX" awards, presented annually by Byte Magazine, recognize unique, technically innovative and cutting-edge new computer products at COMDEX, the largest computer tradeshow in the United States.

"This prestigious award is a testament to the great strides we've made in providing a PDA platform which offers customers enhanced personal computer integration, communications and organization capabilities," said Steve Andler, senior director of Mobile Products for Apple Computer. "The enormous support from developers, licensees, and system integrators, combined with the new functionality of the operating system, makes Newton 2.0 among the most compelling PDA platforms on the market today for mobile professionals and vertical markets alike."

"Newton 2.0 marks what could become the turning point for the platform," said Kimball Brown, vice president, Mobile Computing, Dataquest. "The new capabilities in Newton 2.0 are vastly improved over the previous version, providing new ways for developers to add functionality for customers."

More Newton 2.0 at Comdex

Apple's Newton exhibit had over 35 vendors demoing their stuff, as well as a hands-on-area. The general buzz on 2.0 was extremely positive with unanimous agreement that: the recognition was far superior to 1.3 (in print and cursive mode), speed was greatly improved, landscape orientation was great, and the applications that were displayed were fantastic. The traffic through this booth was extremely strong and while most vendors started to see a slow down by 4 PM, the Newton area remained full even past the 5 PM closing each day.

Apple's main exhibit also included a Newton theater where demonstrations and walk-throughs were given. This was by far the busiest section of Apple's booth. Two MP120's with 2.0 were raffled

off there each day.

On Tuesday night the Newton System Group (NSG) threw a party at The Beach for the Newton developers and press. A MP120 w/2.0 was raffled off every hour and there were plenty of units for everyone to try out. It turns out that The Beach is a pretty popular place to party because before the evening was over Newton folks spotted Bill Gates and Ray Charles on the dance floor with them.

Wednesday afternoon the Newton 2.0 operating system received an incredible award: "BEST OF SHOW -- New Operating System" from Byte Magazine. You can check out all the awards at: <<http://www.byte.com/bestof.htm>>.

Also on Wednesday, Channel 4 in Las Vegas did an interview with some vendors in the Newton booth and showcased of the Newton booth. Some of the over 35 vendor that were in the Newton booth included:

- AllPen: NetHopper for Web access on your Newton PDA
- Dayna: CommuniCard Roamer wireless networking
- Digital Ocean: Grouper 100MP, Tarpon modified MP120's with wireless options and backlighting
- iambic Software: Action Names 3.0, TimeReporter 3.0, and Paper Pak
- Landware: Sync+ (Schedule+ for 95 sync), proCALC Ex, NewtPaint, MusicPad, and KwikMenu
- Netstrategy Software: EnRoute 2.0
- Now Software: Now Synchronize - NS Basic: NS Basic
- info@hand: network@hand, bonds@hand, source@hand
- PelicanWare: QuickFigure Pro. 3.0
- PowerWare: ExpensePlus 2.0
- RiverRun Software Group: Mail On The Run
- Socket Communications: PageCard (PC Card pager that works in or out of the Newton)
- Tactile Systems: TranScriptionist
- True North: Out of Pocket, Gulliver 2.0
- Wright Strategies: FormLogic 1.1

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NOS 2.0 Info Source

Hot Off the Press

The following information was recently collected from online sources:

- Those who have gotten their MP120 with Newton 2.0 via mail order report no Newton Backup Utility
- First spotted on AOL, the Newton Backup Utility has been released for download from online services and Internet FTP sites
- ClubMac has been telling folks they have MP120s with Newton 2.0 in stock
- Most people who have ordered MP120s with Newton 2.0 have already gotten their keyboards but no MP120
- The product number for the MP120 with Newton 2.0 is said to be: H0153LL/A

Official Stuff From Apple

The Newton 2.0 will be available on 01Dec95 on the MessagePad (MP) 120 at a suggested retail price of US\$699.

The Newton Backup Utility (NBU) will be bundled with the MP120. It will allow Newton users to back-up and install software on their Newton from Windows or Mac OS systems. NBU for the Mac OS will ship on 01Dec95, and NBU for Windows will be available in Jan96.

Newton Press provides users with a convenient drag-and-drop method for publishing electronic documents, or "books." Newton Press for the Mac OS will be available in Dec95 for US\$69. The Windows based version of Newton Press will be available in Q1,96 and also retail for US\$69.

The Newton Keyboard is an external keyboard that connects to a Newton 2.0 PDA and allows users to easily and quickly type information into a Newton PDA. It will be available Dec95 and will retail for US\$89.

**Newton 2.0 is faster
because of
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NewtonScript
interpreter and in how
data is stored in Soups**

Newton Connection Utilities (NCU) provide users with the ability to integrate data between a Newton PDA and a Windows or MacOS system. These utilities offer the same backup, restore, and installation features of NBU, with the additional ability to allow users to synchronize PC files with corresponding data residing on a Newton PDA. For example, a list of contacts on a PC can be synchronized with the Names file on a Newton PDA so that users always have current and complete information. With NCU, users can also import and export text files and information between a PC and Newton PDA. And by using a modem, users can perform these tasks remotely. With NCU, users can

enter data directly into a Newton PDA via their PC keyboard. NCU is expected to be released in Q1,96 for Windows and Mac OS systems and retail for US\$69

Newton Toolkit 1.6 for Mac OS systems should be available 31Dec95, and priced at US\$299.

Newton Toolkit 1.6 for Windows systems -- Beta Version -- should be available in Q1,96.

The Desktop Integration Libraries (DILs) makes it easy for developers to create customer solutions that allow for direct synchronization of data between applications on Mac OS and Windows systems and Newton PDAs. The Desktop Integration Libraries (DILs) are C libraries which make it possible for data in PC applications to be synchronized with data on Newton PDAs in one easy step. This software should be available Q1,96 and will be bundled with NTK 1.6.

Landscape Pixel and Font Info

John Schettino <js12@gte.com> posted (via USENET newsgroup comp.sys.newton.misc) the following information about Newton 2.0 Landscape mode on a MP120. The size of the screen is 320 by 200 pixels in the current portrait view, and will be 200 by 320 in landscape view. You should be able to get 20 characters down and 50 characters across at 9 point, and 24 characters by 60 characters using a 6 point font.

Punctuation...

David Fedor <fedor@zoom.com> reports on USENET newsgroup comp.sys.newton.misc that as you are doing handwriting recognition input in Newton 2.0 you get a caret just below the area you are writing in to mark your place. If you tap on the caret you will get a pop-up menu to insert "standard" punctuation marks along with backspace, return and space.

Apple Answers on AOL

Dan Glickman, Newton Product Marketing Manager provides the following info on the AOL messageboards:

- Newton 2.0 is faster because of improvements in the NewtonScript interpreter and in how data is stored in Soups
- The recommend external RAM size is still 4MBs but cards up to 20MBs do work in Newtons with varied performance and memory usage
- You can download Newton Backup Utilities (NBU) for MacOS from the AOL software forum or from the official Newton WEB page at <<http://www.info.apple.com/newton/solutions>>
- Windows NBU will be available by the end of December.
- The new printed recognizer in Newton 2.0 does NOT learn handwriting as you go. Since it's character based and you don't connect your letters the recognition does not need to 'learn as it goes'. The improved cursive recognizer does learn and has more words in the dictionary - 30,000.
- To upgrade you MP 120 to Newton 2.0 call 800-SOS-APPL beginning Dec 1. The cost is \$109. You will also receive Newton Backup Utility and new version of Pocket Quicken.

[Many thanks to Apple for providing answers to questions in a public forum. Let's hope it continues!]

Thumbs Up for Newton 2.0

Andrew Gore has a front page review of Newton 2.0. Very good summary of what Newton 2.0 has to offer and where things are going. Definitely worth checking out if you can get a copy. [MacWeek, 30Oct95]

Newton Tidbits

Newton 2.0 at Apple Expo in London

Phil Moss <P.N.MOSS@livjm.ac.uk> reports that Apple really put on a show for Newton 2.0 at the Apple Expo held in London last week. He was "very impressed" and was able to report the following info on Apples upgrade program for UK MP owners:

MP120 to MP120 w/2.0 UK\$ 79
 MP110 to MP120 w/2.0 UK\$ 260
 MP100 to MP120 w/2.0 UK\$ 300
 OMP to MP120 w/2.0 UK\$ 360

"These prices include postage and packing, but not VAT. And require you to give up your current Newton for the upgrade."

Eudora Light for Newton 2.0

Probably the most frustrating thing with Eudora Light 1.0 for the current Newton OS 1.3 is that it isn't very well integrated with other applications. In Eudora Light 2.0 (not released yet) you can send email from any application that supports sending email. This new functionality is primarily a product of Newton 2.0, which has made integrating email capabilities to applications much easier.

Memory in Newton 2.0

The following is an attempt to answer questions regarding what Newton 2.0 does to the amount of Heap available:

Apple: "Things at the OS level are more efficient, and Apple will continue to work with developers to make sure their applications are *more efficient as well.*"

Newton Developers: "The heap memory situation has only changed marginally. In theory, the built-in apps are supposed to use heap better, and give it up when they are closed, and this is at least somewhat true. Some apps, like the Extras Drawer, use much more heap than they used to but they do seem to give it up when they close. My app takes up more heap in Newton 2.0 but releasing the heap is easier in Newton 2.0."

"The overall heap numbers haven't changed, and my 2.0 unit seems to have about the same, or slightly less, heap than my 110 in most situations. So the bottom line is -- Yes, you will still need to reset your Newton."

"The system in general seems to be better at managing heap, in that it doesn't disappear quite as quickly, and installed packages don't all sit in the heap (they're in a soup). The Notepad is still pretty bad, especially if you have a big note being displayed. The Notepad never really closes so you have to realize this."

Newton 2.0 Kudos

Lisa Picarille in the Desktop Computing section of ComputerWorld published on 20Nov95 has an article called "Newton: New and improved -- Users laud handwriting recognition." The article gives Newton 2.0 high marks for:

- improved handwriting recognition features
- two ways to view data: portrait or landscape
- keyboard support - better communications capabilities
- ease of use

Receiving a Fax with Old Apple Modems

Don't throw out that old black cigarette box Apple Newton Data/Fax Modem. You can use it with your new MP120 running Newton 2.0 to send and receive faxes.

PelicanWare to Do Notion

Don Vollum <donv@teleport.com> reports that PelicanWare is going to take over all development, marketing, and distribution of Notion: The Newton List Manager from Eidetic. They are currently looking to add user requested improvements and features. If you are a user of Notion please send your comments to the email address listed above.

Newton Draw Program - Marketing Report

Jeffrey Schlimmer <schlimme@eecs.wsu.edu> reports that powerPen Software is building a new object-based (or vector) drawing program for Newton called Newton Graphics Package (NGP). If you are interested, please consult their preliminary marketing requirement report at: <<http://www.eecs.wsu.edu/~schlimme/newton/ngp.shtml>>. A user survey is still in progress, and powerPen welcomes your comments.

Newton Now Has P2 for Windows Connectivity

Datastream Systems is now shipping their Personal Maintenance Assistant (PMA) software designed using Apple's Newton operating system platform. PMA enables users to download work order and service request data from Datastream's flagship Computerized Maintenance Management System (CMMS) software product, to the Newton. From the shop floor, they use the PDA to create, update, and close the work orders. By uploading the information to MP2 FOR WINDOWS, the cycle for a paperless work order system is completed. For more information check out: <<http://www.dstm.com>>.

Newton 2.0 MIA at MacWorld Asia 95

Andrew Tong <amwt@hk.super.net> reports that at last month's MacWorld Expo Asia 95 there was no sign of Newton 2.0. Apple management expressed that they could not do a big show on Newton 2.0 before US does.

New Home for NS Basic Programming Column

Now even the most "basic" Newton programmers have a good reason to get a subscription to PDA Developers Magazine. John Schettino <js12@gte.com> reports that his NS Basic programming columns, previously printed in NewtOnLine, will be a regular feature in the bimonthly PDA Developers Magazine being published by Creative Digital. The first four columns will stay on John's WWW home page at: <<http://users.aol.com/pdcjohns>>, and code from the new articles will eventually make its way there a month or two after publication. For more info about Creative Digital you can check out: <<http://www.slip.net/~cdi>>.

Plans Announced for New Versions of TransForm

Under the direction of Dr. Jeffrey Schlimmer, members of Washington State University's Team Oriented Software Practicum have announce plans for new versions of transForm, a freely distributed forms package which allows the user to design and utilize his/her own forms on the Newton. The next release of transForm will fix its presently known defects. Following this release, future versions will implement five new features, which were determined by a recent user survey. These features include:

- More than 10 items in field choice lists
- More than one screen per form
- Calculation field
- Summary field for all entries
- Static text

In addition, future versions will also contain:

- Support of Newton 2.0
- Multi-platform data transfer utility

This latter feature is especially important because Momentum's ScriptLink product is no longer available. TransForm's developers are

committed to providing critical desktop communication abilities. For up to date information on transForm, or to download the latest release (Version 0.32), please consult the transForm World-Wide Web page at: <http://www.eecs.wsu.edu/~schlimme/newton/transForm.shtml> Please send questions or comments about transForm to: newton@eecs.wsu.edu.

Newton is Part of SET's Plans

Apple has agreed to license its Newton technology to Schlumberger Electronic Transactions (SET), of Montrouge, France. SET is a division of Schlumberger Ltd -- an international organization with oil field services, and measurement and systems businesses. SET plans to use Newton technology in integrated "smart card" systems, which are designed to automate medical transactions.

Digital Ocean Also Gets an Agreement

Apple and Digital Ocean have reached an agreement for Digital Ocean to license Apple's Newton technology and customize it for use in vertical applications for companies like Monsanto Company and Harris Corporation. Digital Ocean will market these PDAs to business customers who need innovative, integrated features in a rugged, backlit Newton product. Communication options offered by Digital Ocean include GPS (Global Positioning System), differential GPS (dGPS), wireless LAN, CDPD (Cellular Digital Packet Data), voice-over wireless LAN, and bar coding.

Newton Being used in Field Testing

ABT Water Treatment in Beloit WI is in final beta testing of a Newton solution that reads water meters. The Newton has an interface to a Sensus SmartGun that can read specially equipped meters (in this case water, but could be gas or electric also). The data is being read into a Flash-Data Newton application and then uploaded to an Omnis database system. This specific solution reportedly is half the cost of other metering industry solutions currently on the market. According to the system integrators, while the price is a big deal, the extra functionality built-in to the Newton like email, make it an even better solution than some of the more customized data collection devices. This is a huge market -- why? -- the metering device used in this area has an nationwide installed base of 17 million, and all utility metering devices in the future will have the same "scanning" comms built-in to them.

Mini-Review: KeyMan

Jerry J. McMurry <mcmurphy@manta.nosc.mil> writes: "People, I have run across a really terrific piece of shareware for the Newton. It is called Keyman. It has a surprising bunch of added features for the typewriter keypad that you get when you tap the keyboard button (fourth button to the right of the clock button at the bottom). It adds Mac-type cut, copy and paste to the keyboard and a few other features. The important thing I wanted it for was the feature that allows you to have a small calculator available. I have in the past had some data in the Notepad that I wanted to do some addition and division on. With the stock calculator open, the screen is so covered that you can't see the notes, so you would have to write the numbers on (gasp!) *PAPER!!!* to be able to use it. The stock calculator is cute with its little sound effects, but after 5 minutes it gets boring. Keyman's calculator keyboard solves this problem. Keyman is \$15 and you can get it downloaded to you from Ben Gottlieb at <info@standalone.com>."

Three Notable Newton Mentions

Steve Homer has an article in the Mobile Communications section of the The Independent - London called "Pocket systems herald a change" published on 20Nov95. The article focuses on how mobile computing is changing because the devices that transmit and receive data are getting better and better. One example is the Apple Newton MessagePad using a PC Card GSM mobile phone. There is a magazine company using this set-up to track sales of their titles in shops. The employee walks into the store, examines the magazine rack, enters in the data, transmits the data, and then goes to the next store. The other big bonuses for using a Newton also includes: plug-and-play communications, much improved handwriting recognition, and the ability to use a keyboard in new MessagePad models. The article also has write-ups about the ZR5000 from Sharp, and the Psion.

Paul Quigley also has an article in the same section of the same edition called "Roaming with GSM becomes the benchmark." This article looks at the history and the current state of "GSM (Global System for Mobile Communications), the pan-European digital cellular telephone standard." There is expected by the year 2000 to be over 80 million users of GSM in Europe. The key to getting things to work right is getting the right PC Card to work with your PDA (Apple, HP, and Psion seem to have the best). There is also now 'GSM Plus' which will also act as a 14.4-Mbps land-line modem, and GSM is also starting to be able to utilize private mobile radio (PMR) and public access mobile radio (PAMR).

Jon Hulak has a huge article called "In defense of the personal digital assistant" in the 01Oct95 issue of Business Communications Review. This article also has an attached related article called "Categorizing Personal Computing Devices." The article main focus is on: the past history of the PDA and wireless communications; indentifying the key areas PDAs need to excel in, and a look at current offerings with a dabbling of future outlook. This is highly recommended reading if you can get access to the complete article.

Lotus Notes and the Newton

Steven Sims <steve@dreamsft.demon.co.uk> reports the following on the USENET newsgroup comp.sys.newton.misc: "TeamAgent (formerly InterAgent) from Ives & Co (Huntingdon, England) will exchange databases to and from Notes and Newton. In fact it'll do any combination of Notes, Newton, ODBC, SQL, Oracle, MS-Access, MS-FoxPro and text. When you're using the Newton driver it works via either serial or modem. Currently TeamAgent is in beta testing, which is expected to be completed soon. Server platforms supported are currently Windows 3.11, 95, NT, and OS/2. There's also a Newton 2.0 optimized version. We're using TeamAgent here at DreamSoft as part of a sales-force automation system, and have had no problems with it at all. It's radically reduced our development time for communications and desktop integration, so we're naturally quite happy with it. We're using it under Win95, and connecting the Newton using a GSM mobile phone. Pricing is expected to be about \$150 for the personal edition of TeamAgent. If you want to know more about it then you can either give me a call" (+44 973 173721) or Ives & Co. at: (+44 1480 433919)."

New Vermont Newton User Group

Hardy Macia <hardy@catamount.com> reports that he is starting up an informal gathering, called NewtChamp, for discussion of PDAs in

Did you know
that Pope John
Paul II owns a
Newton?

Vermont. The first meeting is 7:00pm November 14th at the offices of Green Mountain Software (128 Prim Road, Suite 2B, Colchester VT). There is a NewtChamp WWW page at: <http://www.together.net/~hardy/NewtChamp.html> or you can send email to: newtChamp@catamount.com or call: 802.863.5256. BTW ... the press release sent to NewtNews also included this -- Newton Trivia: Did you know that Pope John Paul II owns a Newton? Actually, there were 2 white Newtons special ordered for him. He uses the Newton PDA to prompt him during his speeches.

Minneapolis Area Newton Developer Group

Karsten Smelser karsten@iceworld.org reports that he has recently formed a Newton Developers only group located in Minneapolis, MN. The group welcomes all interested parties from around the world to contribute to our newsletter, discussion groups, etc. Our web site: <http://www.iceworld.org/~karsten/EnsureInternal.html> is undergoing some construction at this time but will be completely functional pretty soon.

Upcoming Events

Price Drop on PDA Conference

Creative Digital has announced a reduction in registration prices for PDA Developers West, the only technical conference for developers of PDA products and services, scheduled for Jan 14-16, 1996, in the San Francisco Bay area. In addition, the early registration deadline has been pushed back to December 10th. Anyone who has already registered will receive a refund for the difference between the previous and the new rates. The conference will be sponsored by Geoworks, General Magic, Psion, and Hewlett Packard. On Jan 14, the first day of the conference, there are full-day sessions on developing software for Magic Cap, Psion, GEOS/OmniGo, and Newton platforms. Jan 15-16 include several concurrent threads, including developer programs, wireless development, advanced programming topics, the business of software development, tools demos, and cool stuff. There are separate registrations for the tutorials and the two-day conference. In addition, the exhibits will be open to the public at selected times on Jan 15-16. For more information call: 415.621.4252, fax: 415.621.4922, email: cdi@cdigital.com, or WWW: <http://www.slip.net/~cdi>.

Rumor Mill

Bad News??

John Markoff had an article in the 12Nov95 edition of the New York Times News Service that focuses on a recent rumor that Apple may abandon the Newton. The main thrust of the story centers around Michael Spindler being "absolutely adamant about not continuing to pour money into Newton." No 'new' real information has popped up in the ensuing weeks following this article. In a different light, several reports have come in from folks saying that the Newton Systems Group was able to get some 'extra' time at COMDEX to highlight all the strengths of the Newton to upper management. The biggest bonus though might be all the wonderful press the Newton has gotten from the Newton 2.0 release and the visibility at COMDEX.

Marco and Newton 2.0

Details are currently sketchy about what Motorola is planning to offer to the current crop of Macro owners in regards to Newton 2.0, but those in the know say that both Apple and Motorola are working hard at integrating the wireless capabilities of the Marco with Newton 2.0. There could be a new Macro device sometime in early Q1,96. Upgrading the current crop of Macros is suppose to be technically difficult because of hardware design, but not impossible. The bottom line will of course be cost.

Oracle, NetSurfer, and the Newton

The truly plugged-in NewtNews reader probably recognized the pattern of pseudo-related Oracle and Newton rumors, and the previous mention of Acorn's NetSurfer. Several folks in the know from both sides of the Atlantic filled in the gaps to this interesting possibility:

- The Newton and the NetSurfer both use the same ARM processor technology
- Oracle wants to make a inexpensive WWW set-top box
- It is no secret that Larry Ellison, CEO at Oracle, likes Apple, Macintoshes, and the Newton
- A WWW set-top box should have a core, marketable, well-known, underlining OS and come from an identifiable home-market company

With all this, the fusion of Oracle, Apple, Newton, ARM, and NetSurfer make for a potentially market-dominating product.

What is up With MP150??

Questions are constantly being asked about the not yet announced or officially recognized MessagePad 150. Here is a summary of what NewtNews has heard about the MP150:

- Should be available sometime in Q1,96
- Codename 'Q'
- Will use basically the same internal design and processor as the MP 120
- Hardware support for sound input
- Is "palm-sized", which is about the size of the MP120 screen area with similar depth
- Built-in modem
- Support two Type II PC Cards or one Type III PC Card
- Optional backlighting

Cost will be similar to what the MP120 is currently selling for, with the MP120 dropping into the \$400 range.

Beyond the MP150...

As if the above wasn't stretching it, here is some more rumors on what is planned for the future:

- Gray scale Newton
- Will use the next generation ARM RISC chip
- Slate sized Newton from Apple and Panasonic
- A Newton that has a pager size screen and form factor
- ATG's Don Norman is recently quoted as saying "Bookstores won't have to stock physical books any more. A backlit electronic book reader is coming."
- Will ship with the ability to transport you anywhere you desire on the command "Scotty, beam me up."

Newton OS 2.0 Handwriting Tips

Hardy Macia hardy@catamount.com reports there is a list of tips at: <http://www.together.net/~hardy/HWRTips/HWRTips.html> for getting the optimal performance out of the printed text recognizer in Newton OS 2.0. Using these tips you should be able to enter over 30 words per minute with a very high degree of accuracy.

Newton & the Web

WWW Info About Newton 2.0

MacWorld:

<<http://www.macworld.com/password/exclusive/newton.html>>

MacUser:

<http://www.zdnet.com/~macuser/mu_1295/news/news15.html>

Newton Book Maker Article on Web

David Dunham <dunham@pensee.com> reports that those that use Newton Book Maker might want to check out Elise Bowditch's article from PDA Developers 2.3. With the kind permission of Steve Mann, it has been posted to: <<http://www.poppyware.com/bowditch/book/bookmaker.html>>.

Interested in Newton Barcode Solutions?

Troy Guenther <tguenthe@plains.nodak.edu> suggests checking out the following WWW page if you are interested in Newton barcoding solutions: <<http://www.info.apple.com/newton/solutions/solutionsguide/html/barcode.html>>. You can also request more information from TPS Electronics by phone at: 800.526.5920 or by email at: <Barcode@netcom.com>.

Digital ARM Information

Greg Bell <gbell@melbpc.org.au> reports you can get a great deal of interesting information about Digital's StrongARM chip at: <<http://www.digital.com:80/.i/info/semiconductor/dsc-strongarm-wp.html>>.

New Newton WWW Site

James Robertson <jamesr@magna.com.au> reports that the OzNUG Sydney Incorporated (the Australian Newton Users Group) has finally gotten its new WWW site up at: <<http://www.oznug.org.au/documents/oznug>>. The site has two editions of their newsletter called "Scribbles," information about OzNUG, and links to other Newton sites.

Ultimate Newton Site

Robert Bruce <rbruce@tactile.com> reports that he has renamed his site to 'The Ultimate Newton Site' at: <<http://rainbow.rmii.com/~rbruce>>. It is intended to be a Newton version of 'The Ultimate Mac Site'. If you know of any links he is missing, please send him email so he can update the pages.

Newton Web Browser Demo

AllPen Software was demoing at the Newton Pavilion at Comdex, a new product called NetHopper -- the first World Wide Web (WWW) browser developed for the Newton 2.0. American Airlines is reportedly using this software access to Sabre ticketing service. [iNews]

Wireless

Two-Way Wireless Newton Comms

Wynd Communications has announced that WyndMAIL, an advanced personal communications service that uses Megahertz's AllPoints Wireless Type II PC Card, will work with Newton 2.0 MessagePad 120s. WyndMAIL turns the MessagePad into an all-in-one communications device offering MessagePad users the convenience of transmitting and receiving messages anytime, anywhere. Users can also use WyndMAIL and the Internet to handle their communications. The service provides nationwide coverage without roaming charges, long distance fees, or cellular phone expenses. The service will cost \$49 plus monthly service charges. The Megahertz AllPoints Wireless PC card is sold separately (around \$500). It has a standard-size type II PC card (also supports PowerBooks), a removable antenna, a battery

booster that works with any standard NiCad or alkaline nine-volt battery, and weighs 21-1/4 ounces. For more info check out: <<http://www.wynd.net/wynd>>

Wireless Connectivity to Microsoft-Based Email

ARDIS' two-way wireless data communications network is now supporting Mail on the Run! by River Run Software Group. This client software gives mobile professionals using wireless enabled Newton or Magic Cap devices the ability to access Microsoft Mail and Lotus cc:Mail on Windows systems remotely. Mail on the Run! also includes encryption and data compression capabilities that provide security and cost-efficient messaging. Mail on the Run! to access Windows 3.1 is priced at \$129 for a one-user pack and \$600 for a five-user pack. Mail on the Run to access Microsoft Windows NT will be available in December and priced at \$159 for a one-user pack. For more information you might try: <<http://www.ardis.com>> or send email to: <jarvis@ardis.radiomail.net>.

Wireless Newton Connectivity to CompuServe

CompuServe and Socket Communications will soon have a wireless access to CompuServe email through CompuServe's plans to support Socket's PDF and MMF protocols in their alphanumeric PC Card pagers. At COMDEX both companies were showing solutions on Windows notebooks, the Newton, Apple PowerBooks, a HP 200LX and a Sharp Zaurus. In the future, additional services will include: filtering support, personalized information reporting, and content from CompuServe Information Service. For more information you can call: Gerald Houston, Socket Communications, 510.744.2740 or Jeff Shafer, CompuServe, 614.538.4632.

New Cellular Data Modem Works with Newton

Sierra Wireless is now shipping the rugged, high-powered MP200 cellular data modem for vehicle based applications. The modem enables packet switched (CDPD) and circuit switched cellular communications between computing devices in vehicles and corporate information systems. And the modem has interfaces, applications, and middleware for Windows, MacOS and Newton hosts. The US list price is expected to be \$795, with volume pricing available. You can get more info by check out: <<http://www.SierraWireless.com>> or calling: 604.231.1100 or faxing: 604.231.1109 or by sending email to: <Sales@SierraWireless.com>

Wireless Service in Hong Kong

Andrew Tong <amwt@hk.super.net> reports the following interesting information about a new wireless service in Hong Kong: "PHS Internet Access Forum - an R&D consortium - was established in late Oct95 by about 50 companies to conduct research on computer communications services via personal handy-phone system (PHS) handsets. Among the telecom and electronics companies spearheading the research are Sharp, Nippon Telegraph and Telephone (NTT), Matsushita Communication Industrial (which makes PHS handsets) and Intel Japan KK. Development of a system to link computers via the fully digital PHS network will be conducted for about a year, and online shopping and other PHS-linked services via the Internet are expected to be offered as early as late 1996. [Source: Asia-Pacific Telecoms Analyst, 06Nov95]"

Other PDA's

PDA Market Continues to Grow

Michelle Douglass at Computer Dealer News (CDLR) has an article entitled "Early bugs won't dim bright future of mini devices" in the 04Oct95 issue. The article focuses on some of the miss hits in early notebook and PDA products, and how even though the products "fail" to meet marketing expectations, they do find a niche. This niche tends to be a focus for later success. The Newton is the primary focus of the

PDA side of the article. The niche the Newton forged was in vertical market solutions, especially in areas where taking paper forms was the norm 2 years ago. Now PDAs bridge the gap and make data collection easier, cheaper, and more accurate. The article also touches on wireless Newton solutions from Motorola, and new Magic Cap offerings by Sony.

General Magic's Developers Conference

Chris Derossi <genmagic@WOLFENET.COM> posted "General Magic's First Developers Conference" review to the Telescript Discussion List on 22Nov95. Here is a summary:

- The conference was sold-out (750 attendees, with 300+ being developers)
- Telescript is now "Open Telescript" - Verity's Topic search engine and agent technology is going to be embedded into Open Telescript
- Web browsers will be able to integrate Open Telescript technology in Q1,96
- Magic Cap v1.5 was announced. New features include: improved memory management, more comprehensive mail handling, and better international dialing support.
- Sony announced the PIC-2000. New features include: backlit screen, built-in 14.4kps modem, 2 MB of memory, 2 PCMCIA type II slots, and a built-in speaker phone
- MagicCap for Windows was demoed and betas distributed - Other hardware: expect new machines from Panasonic and Motorola
- AT&T announced they will be having major upgrades in performance and features to PersonalLink in the near future
- Metrowerks will continue to build 'great' Magic Cap development tools
- Active Paper has developed a POPmail client for Magic Cap.
- Nimble has plans to launch a virtual software store that would allow users to purchase and install new software directly over the phone with their PDA
- Expect a Web browser for Magic Cap soon

For more information you can call: 408.774.4000 or check out the following WWW site: <<http://www.genmagic.com>>.

Additional Magic Cap Info

Here is some info recently posted to the Magic Cap email listserver.

- The Panasonic Magic Cap OS device is called "Neonet"
- It will not be offered to the general public but will be focused for vertical market applications
- To save RAM on this device, Panasonic will integrate a vertical market application into the ROM of the Neonet
- Panasonic may enter the consumer PDA market in the first half of 1996
- There is suppose to be a picture of a prototype some place on: <<http://www.sonysoft.com>> - the Neonet is smaller and lighter than the Sony MagicLink

For more info check out: <<http://www.genmagic.com/>>.

OmniGo Review

Matt Kramer has a detailed PCWeek Labs review of the new HP OmniGo 100 PDA that will retail in the \$350 range. The OmniGo allows for both pen and keyboard input, has a 240 x 240 pixel display, uses Geos, has a single Type 2 PC Card, and 1-MB of RAM for storage. [PC Week, 30Oct95, page 14]

OmniGo Data Loss?

HP has stated that users may loose data in there OmniGo 100 when they change the batteries. Contact HP (via your OmniGo documentation) for more information. [PC Week, 13Nov95, page 3]

Software Releases

Seven Productivity Enhancements

Catamount Software has announced the availability of Catamount Enhancement Pack for the Newton platform. All products are OS 2.0 savvy:

- Writer's Calc - Any place you can write can become a calculator
- NoteScroller - Scroll the Notepad one line or half page at a time
- NameDropper - Fast access to any name card; hilite a name from within any program and jump to their name card.
- Expansion - Add expanded words to your dictionary using Intelligent Assistant
- Igor Features - Speeds up Intelligent Assistant and expands Intelligent Assistant beyond 15 words per phrase
- NoteHopper - View to the first note, last note, or popup a date picker and goto a specific date.
- Plain Jane - Allows entering of address, city, state, country, email address, and notes from a single screen

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

Newtcase Upgrades to Newton OS 2.0

ICS has recently announced the imminent availability of NewtCase 3.0, which has been specifically designed for Newton OS 2.0. If you are planning to upgrade to Newton OS 2.0, you should be aware of the following important points:

- Archives created with NewtCase versions prior to 3.0 ARE NOT COMPATIBLE with Newton OS 2.0.
- Most of the packages originally included in the NewtCase & Essentials bundle are also not compatible with Newton OS 2.0, so delete them prior to installing the updated versions.
- As well as being compatible with Newton 2.0, NewtCase 3.0 includes significant NEW functionality, including the ability to launch deactivated ("frozen") packages right from the extras drawer, create 'sets' of packages that can be activated/deactivated 'en masse', as well as a new replacement 'backdrop' application that saves heap and provides quick access to packages and other functionality.

Registered owners of NewtCase 2.0 or later can upgrade for \$20 + S&H, by calling 800.655.NEWT or by email: <pelican@newts.com>. This upgrade will include the next update for free. For more info please contact ICS at <DAN@NEWTS.COM> or <TOM@NEWTS.COM>.

Steve Weyer's Newton 2.0 Plans

Steve Weyer will be releasing Newton 2.0 compatible versions of the following applications very soon (beta versions now available to registered users):

- NewtDevEnv: develop applications in NewtonScript, save as packages directly on your Newton
- Newt's Cape [with Greg Simon]: create books with text, graphics, links and forms from HTML
- Slurpee: transfer text/data between desktop files and Newton soups/Notepad
- NewtATut: Newt application tutorial
- NewtTurT: Newt turtle tutorial
- Life: game of "life"
- Pico Fermi Bagels: number guessing game

For further information, send email to: <weyer@netaxs.com> or check out the WWW site at:

<<http://www.netaxs.com/~weyer/newton/releases.html>>.

Bills To Pay Now 2.0 Savvy

MAR Software has announced that their upcoming release of Bills to Pay (BTP) Pro 3.0 for the Newton will take full advantage of all Newton 2.0 operating system features and capabilities. BTP Pro is a bill management/budgeting application with an easy-to-use interface utilizing customizable Bills Lists. You can use BTP to quickly and accurately sum any list of figures in various combinations, project budgets, track bills you customarily pay, expenses you incur such as credit card charges, ATM withdrawals, grocery lists, expenses associated with business trips, or just about any type of expense or budgeting projection you can think of. BTP Pro 3.0 is expected to ship in Dec95 and a German version is expected to ship soon after. The product will retail for \$29.95. The upgrade will be available at no cost to registered users of version 2.5. MAR Software specializes in programs for the Newton. For more info call: 510.337.0231 or email: <MartinEd@aol.com> or <EdMartin@eworld.com>.

Newt Tools Version 1.5 Announced

Ascribe Software has announced the next scheduled release of "Newt Tools the Essential Utilities for Newton v1.5" to coincide with Newton 2.0. All of the tools are now available as separate applications and will provide the following new features and interfaces:

- Button Bar: will offer new features providing quick "freezing" and "thawing" of packages on-the-fly, instant access to screen rotation, and improved heap memory cleaning functions.
- Package Tool: will provide new package management features including "freezing" and "thawing" to manage heap memory, launching, icon views, folder support, and more.
- Soup Tool and Soup Editor: will offer support for soup management capabilities to move, duplicate and edit Newton 2.0 soups.
- Memory Tool: will perform diagnostics to alert you of potential data problems inherent within Newton 2.0 and help to keep your memory free of the data some applications leave behind.

For owners who purchased Newt Tools before 01Oct95, the upgrade to 1.5 will be US\$7.50 (or \$12.50 international) and free for customers who purchased the product after 01Oct95. For complete upgrade info, send email to: <nt1.5upgrade@ascribe.com>, visit their WWW site: <<http://www.ascribe.com/topnews/topnews.html>> or contact by phone at: 800.732.8608.

Stand Alone Prepares for Newton 2.0

Stand Alone has a full line of both new and upgraded software for Newton 2.0 including:

- Wake Up Week 3.0: offering full compatibility with the new Datebook, and support for landscape orientation. WUW offers a much needed overview to Dates and To-Dos.
- Super Sorter 1.0: allows for quick creation and maintenance of custom lists, with notepad access
- Scrapbook 1.0: allows users to save text, ink, icons, and pictures from anywhere on the Newton, and use them in your documents. (Newton 2.0 only)
- KeyMan 2.0: Keyboard Manager for Newton now offering drag and drop clipping, a Dvorak keyboard option for the typewriter keyboard, and an enhanced mini-calculator for the numeric keyboard.
- Clipper 2.0: allows the quick and easy storage of all manner of items, such as text, ink sketches, or pictures.
- El'barqs 1.2: the Newton Crossword game
- Backgammon 1.1
- NoteMan 1.2: the NotePad Manager, allows instant access to your NotePad from any portion of your Newton
- Graph Paper 1.1: Newton Stationery that allow you to create ruled

notes with variable spacing, directly in the NotePad

- Person to/from Co.: converts name Cards to/from business cards
- ScrollMenus 2.0: popup menus scroll a full page at a time.

All upgrades to the new software will be free to registered users. For more information about any of the above software, please send email to: <info@standalone.com>.

QFP Adds Newton 2.0 Integration, Features

PelicanWare has announced that QuickFigure Pro (QFP) 3.0 has been designed to integrate tightly with Newton 2.0. QFP is a spreadsheet application that gives mobile professional the ability to collect, analyze, and communicate spreadsheet data on the go. QFP 3.0 has a full suite of communications capabilities, including support for beaming, email, and easy integration with desktop spreadsheet applications. Improvements with Version 3.0 include:

- Landscape or portrait screen orientation
- Larger spreadsheets, up to 52 columns by 999 rows
- Direct cell entry
- Worksheet linking
- Delayed recalculation
- Filing

QFP 3.0 is available at most Newton resellers, or may be ordered directly from PelicanWare (800.655.6398 or 503.221.1148 or <donv@teleport.com>) for \$59.95 + S&H (\$3 US and Canada, \$7 elsewhere).

LandWare Supports Newton 2.0 in Big Way

LandWare has announced seven "intelligent" programs that work with the Newton 2.0 operating system as well as earlier versions. These include:

- FreeStyle: A personal handwriting recognizer for your PDA
- proCALC Ex: A calculator that includes over 80 built-in functions, finance module and IR printing support.
- Quicknames Pro 2.1: A phonebook with fast access and retrieval
- MusicPad: The first music notation program for the Newton-based PDA
- NewtPaint: A premier paint shop following in the tradition of MacPaint and other classic bitmap programs.
- smartFAX: Adds to the built-in fax function with multiple cover pages, optional Quickfax, and ink signature.
- Sync+: One-step synchronization with Microsoft Schedule+.

All titles should be available by the end of Dec95 from Newton software resellers or from LandWare directly. For more information you can call: 201.347.0031 or email: <info@landware.com> or check out: <<http://www.landware.com>>.

Equate 2.0 is Newton 2.0 Savvy

Holosoft has announced Equate 2.0, the second generation of the Excel compatible spreadsheet for Newton that exchanges files with both Windows and Macintosh computers. Equate users can download Excel spreadsheets from MacOS, Windows 95, and Windows 3.1 based computers and run them on their Newton PDA using the new "Equate Connect" software that is included. Equate 2.0 takes advantage of Newton 2.0 while maintaining backward compatibility with previous versions of the Newton operating system.

Enhancements include:

- Rotate spreadsheet to landscape mode
- Ability to work with Excel workbooks
- Better keyboard management,
- Improved printing,
- New date and time formats,

- Fill right and down, and
- Insert row and column.

Equate 2.0 will be released in Dec95 at a suggested retail price of \$99 which includes the Newton software and Equate Connect software for MacOS, Windows 95, and Windows 3.1. Equate is available directly from Holosoft (408.748.9648) and through selected retail dealers and catalogs. Existing Equate users can upgrade at a discount directly from Holosoft.

FileMaker Pro 3.0 for the Newton

Clarix has announced that FileMaker Pro (FMP) 3.0 Companion for Newton 2.0 devices will ship in early 1996. Pricing has not been set yet. The Newton 2.0 savvy FMP 3.0 Companion will interact directly with FileMaker Pro 3.0 for the Macintosh which is suppose to be released in Dec95. It will let users capture subsets or collections of data (including the creation of new records and fields) and synchronize at a later time. The synchronize procedure will insure database integrity. Specific features include:

- FMP interface and functions: Users will be able to browse, sort, query and print downloaded data as well as perform Look-Ups from other FMP 3.0 Companion databases that may also reside on the MP120.
- Desktop Connectivity and Database Creation: Provides live connection to desktop and network-based (Macintosh and Windows) FMP databases and the ability to download subsets, or collections, of these database records to the MP120. In addition, MP120 users can download simple FMP layouts without records to create new databases directly on the MP120.
- Synchronization: Direct record-level synchronization from FMP 3.0 Companion to desktop-based FMP 3.0 databases.
- Communications: The new product completely supports all basic communications functionality provided by the MP120 with Newton 2.0 (beaming, faxing and mailing).
- Password Protection: FMP 3.0 Companion for Newton will provide the same database security provided by FMP 3.0 for Macintosh and Windows.

For more information call Clarix at: 800.3.CLARIS or 408.727.8227 or visit ClarixWeb at: <<http://www.clarix.com>>.

Flashcard 1.1 is 2.0 Savvy

Jeffrey C. Schlimmer <schlimme@eecs.wsu.edu> reports that flashCard 1.1 (freeware) is available with the following Newton 2.0 features:

- Operates in both portrait and landscape orientations.
- Includes pictures in the popup choice lists.
- Supports more than 20 decks.

To download the English or German versions, checkout <<ftp://ftp.eecs.wsu.edu/pub/newton>> For more information, check out <<http://www.eecs.wsu.edu/~schlimme/cpts350/flashCard.shtml>>.

Graffiti 2.0

Palm Computing has announced a new and enhanced version of Graffiti 2.0 for Newton 2.0. Over 20,000 MessagePad customers have purchased Graffiti since its introduction in November 1994. It has been highly acclaimed for delivering accuracy, speed and ease of use in entering text into handheld computers with a pen. For users, upgrading to Graffiti 2.0 will provide even greater gains in productivity and ease of use. Enhancements include:

- Improved integration with Newton applications
- An Easy Numbers feature that eliminates Number Lock;

- The smart shifting feature which automatically capitalizes words where common usage would dictate that a capital letter be used;
- Smaller writing window that allows ample room for input while saving valuable space on the MessagePad screen, so that more of the application in use can be viewed.
- Optimized Graffiti's recognition engine to increase performance by 50%.

Graffiti 2.0 will be available 01Dec95 at a suggested retail price of \$79 and can be purchased directly from Palm Computing by calling 800.881.PALM. Graffiti 2.0 does requires Newton 2.0.

New Suite of Newton Tools

Thorsten Lange has posted the following software to the Newton Archive at newton.uiowa.edu:

- AddressAccess: provides an easy and efficient interface to your Names.
- Feiertage V1.10d: inserts German Public Holidays into your Dates
- Xchange: is a small currency-conversion table

Both German and English versions are available.

Word Game Released

Ted Ling <ted@bilpin.co.uk> has released WordGrid -- a little Newton Game that is not quite production quality but is kinda fun to play. It is a word game where you have to find the words contained in grids of letters. You "find" words by drawing a line over the letters in the grid. To get WordGrid check out: <<http://www.bilpin.co.uk/wordgrid>>

Use Your Newton for Print Estimating

Time & Materials Software has recently unveiled "Hurricane Software for Print Estimating." The software runs on a Newton device and is designed for printers, graphic designers and ad agencies to significantly speed up the process of developing print estimates. Hurricane significantly reduces the time it takes to generate a print estimate by organizing the estimating process around four basic steps: time, materials, paper and printing. Hurricane allows users to:

- Develop complex or simple bids on the spot, whether it's at the customer site or on the phone. Estimates can be printed or faxed directly to the client.
- Change specifications at the tap of button.
- User definable fields make it easy to customize chargeable items.
- Create templates for jobs that are commonly bid, such as annual reports, brochures, business cards and stationery.
- Create single bids for multiple projects and complex jobs utilizing a number of paper stocks.

Hurricane is being distributed by Marcy Design Group and is available now. Single licenses are available for \$499.95. Demo versions of the software are selling for \$49.95. For more information contact: Ann Pettyjohn, Green Mountain Software Corporation, 802.865.2728, <Ann@GreenMtnSW.com>

New Tool for HNewTML 1.0

Serg Koren <archimag@netaxs.com> reports that he has released HTMLbtn -- a free add-on to my HnewTML 1.0. HTMLbtn optimizes your use of HnewTML 1.0 and NewtCape by reducing the number of taps required and allowing you to keep your Notepad real estate clear of the HnewTML 1.0 palette. HTMLbtn is available from most Online Services and directly from:

<<http://www.netaxs.com/~archimag/newtsrc/HnewTML.html>>

Admin Stuff

Thanks for all the comments and suggestions that we received after last month's issue of NewtNews Pro. It's good to hear that we've got an audience out there that wants to read the latest Newton News in this type of format. Please keep the email coming with any and all suggestions that we can implement to improve the existing format and content. In case you were wondering, the winner of the 2 Meg card giveaway from the November issue was Rich Harover. Thanks to all who participated. Keep your eyes open for similar (and possibly better) offers in the future!

Certain Newton users (who shall remain nameless) have been seen gloating over the fact that they are currently among the few proud owners of the latest Newton Operating System.... I, unfortunately, am not one of those. However, the comments from these people on the difference between NOS 2.0 and previous Newton operating systems can mostly be summed up in a word - "WOW!" No, it sounds like it's not perfect (yet), but much more functional. Remember, the Newton was only introduced a couple of short years ago! What exactly will we be seeing a couple of years from today....?

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>

****Disclaimer**** This newsletter is being produced on my own time and using my own equipment. All disclaimers that apply to the content of NewtNews also apply to the content of NewtNews Pro.

Products/Services

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, 415.621.4922 (fax), or <cdi@cdigital.com>. Produced by Creative Digital publishers of PDA Developers magazine.

The **NEWTREST** desktop PDA stand. Place your OMP, 100, 110 or 120 Messagepad onto the NewtRests angled frame while sitting at your desk and keep your Newt at the perfect viewing angle without having to pick it up. Can be used with other PDAs such as the Magic Link as well. Solid metal construction, and cushioned support that you can count on. Just \$12.95. Now available through the Newton Source at (800) Newton1

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! Third Volume of the Totally Incomplete PDA CD-ROM for Newton! This CD-ROM from AMUG contains over 3500 files, 1000 packages, and 220 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 <info@amug.org> to order! See our secure web order page at <<http://amug.org/amug/store/order.html>>.

Create Newton books with text, graphics, hyperlinks and forms from HTML with **Newt's Cape**. 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 software and info: <<http://www.netaxs.com/~weyer/newton/newtscape.html>> or <grs124@psu.edu>, <weyer@netaxs.com>. 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 program. 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.

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 annotated grandmaster games played by the greatest players of all time and 100 chess problems. Intelligent Newton magazine's review concluded: "It is more scholarly, more historical, and, for me, more fun than simply playing computer chess." New low price: \$39.95. Clear Lake Research 713.663.7513; <DavidL62@aol.com>.

Custom **NEWTON BOOKS** - Rare White Tiger Creations provides Newton Book publishing services. Our specialties include: automating the creation of Newton Books that need to be updated on a regular

basis, including corporate directories, product and price lists, and manuals; converting HTML documents to the Newton Book format; and building hypertext documents. For more information: email: <rare.white.tiger.creations@pobox.com> or WWW: <<http://pages.prodigy.com/CA/mrh/rwtc.html>>.

QuickFigure Pro is Connected: Beam a spreadsheet to a co-worker. NewtonMail a price list to a customer. Copy your analysis to the notepad, and integrate it into a letter. Export your sales order to Excel or Lotus 1-2-3 on your Mac or Windows machine. QuickFigure Pro has the right connections. From PelicanWare \$49.95 plus S&H. Email donv@teleport.com for more details. Call 800.655.6398 for ordering.

PDA Panache has fine styli available for both the Original MP and MP110. Our Telescoping110 pen is available in either 24K gold or sterling silver for \$29.95. Original MP styli are available in aluminum for \$9.95 or gold (polished or brushed) for \$19.95. We can be reached for Visa/MasterCard orders at: 800.270.7196, FAX:516.467.6329 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 2.5 is a full implementation of the well known programming language. It features extensions to make forms applications easy to program, and well as graphics and infrared control. Other extensions include indexed files and window objects. Program directly on the Newton or with an attached PC or Mac. \$99.00 + 5.00 shipping. Info: <info@nsbasic.com>, <<http://www.nsbasic.com>>, 416.264.5999.

The **Newt Boot** is a protective carrying case for hauling around your Newton and a generous complement of accessories in comfort and style. It comes with a removable shoulder strap, card pockets, pen

holders, and an exterior pocket useful for checkbook or plane ticket. US\$49 plus postage. We ship worldwide. Email: <cavenewt@wyoming.com>; phone/fax: 800.903.6398; WWW: <<http://www.wyoming.com/~cavenewt/newtboot/>>

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

Get GRAFFITI! The fastest, most accurate way to enter text into your Newton. With Graffiti you can enter text at more than 30 words per minute with nearly 100% accuracy. Because Graffiti letters look a lot like the ones you learned in first grade, you can become proficient at Graffiti in just 20 minutes. If you mention source code NN1, we'll include a free PDA pen! Call 800/881-PALM. \$79+S&H.

NEED A NEWTON PROGRAMMER? NewtNews has a list of over 25 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.

QUICKNAMES PRO - facilitates rapid retrieval of contact information using an easy interface (\$39)! Quickly search against First, Last or Company name, single tap beam, dial, delete, print, add new card and view of entire name card. Remembers recent names. Only 67K (\$39). For more info, contact LandWare, Inc. by phone at: 201.347.0031, fax: 201.347.0340, email: <sales@landware.com>, eWorld: Shortcut=LandWare WWW: <<http://www.landware.com>>.

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