



# NewtNews Pro

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Comments and suggestions welcome!

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## Newton Tidbits

Mark Heringer <heringermr@pobox.com> points out that the Apple MessagePad was two years old on August 2, 1993. Happy B-Day!!

### THE FRENCH NEWTON MARKET

Jean-Paul Florencio <JFlorencio@aol.com> reports that his company named Power Box is going to be the first single source for Apple MessagePads in France. They will be debuting at the Apple Expo in Paris (Sept'95) at the Apple booth. They already have a paper catalog (32 pages with more than 150 products listed), and they will soon have an electronic version at the following WWW site: <<http://www.powerbox.com>>.

### LATEST INDUSTRY VIEW OF THE NEWTON

Mark Heringer <heringermr@pobox.com> forwarded to NewtNews an article from Computer Reseller News (CRS) entitled "Apple moves forward in PDA market" by Diana Hwang. Here is a summary:

Review of that latest management changes in the Newton Systems Group (NSG). Sandy Bennett, Director of Engineering, has been named as acting VP of the NSG, the position held previously by Shane Robison. Shane resigned after 7.5 years with Apple to become senior VP of Engineering at Cadence Design Systems (CAD software development).

### HARRIS LICENSES NEWTON TECHNOLOGY

Apple and Harris Corporation have announced that Harris is the latest company to license Newton technology. Harris' Dracon Division will utilize the Newton technology in its Craft Digital Assistant (CDA), an integral component of Harris' new concept for communication technicians, the SuperTech 2000 Mobile Communications and Information System. The SuperTech 2000 CDA has been ruggedized by Harris to withstand the rigors of the telephone servicing field and is the first Newton product with backlighting.

Based on Apple's Newton technology, the Harris CDA is designed to automate telephone technicians' access to Legacy operating systems, the dispatching and remote test systems employed by many phone companies today. The system provides telephone technicians with intelligent tools that allow for mobile, wireless communications, saving time, money and personnel resources. The wireless networking capability makes the field technicians more productive, allows the telephone company to minimize

expensive internal processes to locate sources and provides increased customer satisfaction.

Companies that have licensed Newton technology now includes: Motorola Corporation; Harris Corporation; Kyushu Matsushita Electric Co., Limited; Sharp Corporation; Toshiba Corporation; Siemens; and Alcatel.

Harris' Dracon Division, headquartered in Camarillo, CA, is an ISO 9001 Registered Company, that is a world leader in interactive telephone line test systems, built-in type test sets, technician tools and integrated voice paging systems. Harris Corporation, with worldwide sales of more than \$3.3 billion, is focused on four major businesses: communications, electronic systems, semiconductors and Lanier Worldwide office equipment. You can get more information about Harris on their WWW home page at: <<http://www.dracon.harris.com/>>.

### APPLE EUROPE HAS BIG PLANS FOR NEWTON

Holly Preston has an article about the direction that Apple Europe (1,800 employees, \$2.1 billion in annual sales, founded in 1981) is planning on taking in the future for the Newton. Many of the R&D engineers in Europe are working with partners (rumored to be Nokia, Ericsson, and Motorola) to create a broad range of wireless solutions not only for Europe but also for the US. One of the big projects is attempting to transfer sound/data through Newtons and PBs. [MacWeek, 17Jul95, page 22]

### NEWTON LEADS TESTS AT JOHNS HOPKINS

Johns Hopkins Hospital recently completed a 10 month pilot project to assess the utility of the Newton in the hands of

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health care case managers. The hospital developed its own software called the PD Tracker that runs on the Newton platform. Physicians and case managers using the PD Tracker and the Newton combination have found it to be an effective replacement for their current paper-based system.

The physicians and case managers who tested the product found that the Newton improved the documentation process and assisted in achieving clinical outcomes while using a definable amount of hospital resources. The Johns Hopkins study also found that health care professionals appreciate the device's many other features including minimal training requirements, size (ie., fits in a lab jacket pocket), portability, and attractive price performance. Because of such features, the Newton was found to be superior over competing automated devices.

For more information on the Newton at Johns Hopkins Hospital, contact Kevin Johnson, M.D. at: 410.614.2752. More information about the Newton in health care is available on the Internet at: <newton.med@applelink.apple.com>.

#### MISCELLANEOUS BITS...

Apple is going to "unveil its next-generation operating system" (code-named Dante) sometime in October 1995. Dante will be available for the current crop of ROM-upgradable MessagePad 120. Dante will offer more integration between the Newton and desktop MacOS and Windows systems, and include improved 'applets -- spreadsheet, datebook, and notepad.' Handwriting recognition has also been enhanced.

Apple publishes a "Newton in Medicine Healthcare Solutions Guide." To get it snail mailed to you send your physical mailing address by email to: <Newton.Med@applelink.apple.com>.

Dr. Vernon Huang <newton.med@applelink.apple.com> always has a handle on what is up in the Newton/Medical world. Send him email if you have questions. He is generally a friendly guy. :-)

On the developer front, Apple is still working on "long-awaited C++ tools," a Windows version of the NTK, and a port of the NTK to the PowerMac.

And on the hardware front, Apple should have its next-generation MessagePad (code-named Q) sometime in Q1,96.

It will about the size of the Motorola Marco, run Dante on an ARM 710 processor, much improved battery life, optional backlighting, IrDA-compatible IR port, and offer a two PC Card Type II slot or a one PC Card Type III. Pricing should be in the current MP120 range.

## Upcoming Events

### APPLE SPONSORED NEWTON DEVELOPER CONFERENCE

Apple is going to be holding a Newton Platform Development Conference September 5-8 at the Hyatt Regency San Francisco. During these four days you will get: Confidential sessions, executive presentations, workshops, and demonstrations. On September 9-10 there will be "special hands-on testing" and programming labs with Apple engineers.

It will cost \$395 if you register by August 22, after that date the registration fee is \$495 with no refunds. For more information call: 800.225.9414 or fax: 510.225.9771. You can contact the Hyatt Regency at 415.788.1234 for room reservations.

The information at this conference is confidential and proprietary. In order to attend, all participants must present valid ID and their current business card, and must sign a Non-Disclosure Agreement (NDA).

## Rumor Mill

### NEWTON OS 2.0...

The following information was forwarded to NewtNews from various sources in response to a recent list of possible Newton OS 2.0 rumors on the MacWeek WWW site and published in PC Week:

- TCP/IP stack may not be ready by October 1995
- Newton OS 2.0 supports sound input, but current hardware does not support this
- StarCore is going to be taken over by Claris
- The Apple built-in spreadsheet "CalcSheet" will be a StarCore product and will not ship with NOS 2.0
- Apple is doing customer testing of a "MP150" and "MP200" but is not very good at getting NDAs signed by participants
- Any package created by NTK 1.5 will work in NOS 2.0
- Apple is working on a pager size Newton for release in middle 1996. The device will have serial port, but no PC Card support.
- Newton Connection Kit 3.0 is really cool

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**PERSONAL MEDIA** by Gaia - Take notes and organize notes your own way - \$99 + S&H - 800.784.8758 - <info@gaia.com>

**WAKE UP WEEK 2.7** by Stand Alone Software - The date manager for the Newton - \$20 shareware - <StandAlone@kagi.com>

Spencer F. Katt's column on page 98 hints that Apple is really ready to "re-enter the PDA inferno." Apple hosted a developers conference two weeks ago in Cupertino where they showed developers the latest beta of Newton OS 2.0 which is codenamed 'Dante.' The biggest improvements: handwriting recognition, better connectivity, and increased ease of use. Most of the developers bringing MP120s were rewarded with the latest beta ROMs to do testing, but Apple apparently disconnected the ability to run their Newtons by battery power to insure that any demo a developer happened to give of the new OS was done at least plugged into a wall.

### MORE RUMORS

- NCK 3.0 "no firm ship date" <pause, smile> "but October is a busy month."
- The Windows NTK was shown at PDA Developers East, but not at MacWorld. It's real, but still in Beta, if that. Look for it in the fall.
- Desktop Integration Libraries (DIL) seed is going well, they were handing out CD-ROMs of the seed at PDA Developers East. It (PDA East) was a great place to learn all about PSION, Newton, MagicCap, and GEOS development.
- Most big commercial developers are holding back new updates to their software until NOS 2.0, or are already focusing on it.

## Newton & the Web

### NEWTON WWW SYSTEM

Stefan Gessler <stefan@teco.uni-karlsruhe.de> recently posted the following information to the Internet:

"For several months a Newton-WWW browser has been available for the community. Since there is no Newton-TCP/PPP/SLIP solution, this version is based on a distributed client architecture: user interaction and presenting functions are hosted on the Apple Newton, a workstation is providing data preprocessing and the gateway to the web.

"The connectivity between the PDA and the workstation is achieved via telephone line and a proprietary data exchange protocol. For this users are able to access the Web wherever a phone line is available.

"The browser provides textual data presentation as well as image display or searchable index handling. Moreover users are able to store the information in the built-in notebook, to print it or redistribute it by e-mail or by fax.

"The following architectures are supported: OSF1 V3.0 on Digital Alpha AXP and SunOS. Due to plenty of demands, we ported the server software to other UNIX platforms. They should work as well, but we cannot support them yet. Unsupported platforms are: PC (Linux), SGI, HP, and IBM RS/6000.

"The software as well as some documentation and related information is available by anon ftp from:

<ftp://ftp.teco.uni-karlsruhe.de/pub/newton/pda-www/NewtonWWW-

v1.1.tar.gz>

<ftp://ftp.teco.uni-karlsruhe.de/pub/newton/pda-www/unsupported/>

"The usage of the browser is only free for noncommercial issues."

### NEW VERSION OF MOBILIS RELEASED

John Jerney <jerney@netcom.com> reports that the August issue of "mobilis: the mobile computing lifestyle magazine" is now available at: <http://www.volksware.com/mobilis>.

Mobilis features interviews, tutorials, reviews, and opinion concerning all aspects of PDAs, wireless communication, and mobile peripherals.

### NATIONAL PARK SERVICE REFERENCE

USApp is an application dedicated to the goal of representing all of the parks in the U.S. National Parks System. With this new version of the app, many parks in the Western United States are detailed with descriptions covering:

- How to get there and...
- What to do once you get there.

The application contains a wealth of information about many fantastic parks that you have probably never heard of but may like to visit. Included are descriptions of National Parks, National Monuments and National Recreation Areas. Some parks have detail maps which will assist in helping you find your way.

USApp is free but may only be found at:

<http://www.cs.sonoma.edu/Newton>

<ftp://ftp.cs.sonoma.edu/pub/Newton>

At this time more than 50 parks in the Western United States are fully documented. The author is reportedly friendly and can be contacted at: <thomas@zippy.sonoma.edu> or <thomas@gscorp.com>.

### NEWTON MEDICAL INFORMATION

Interested in finding out some information about the usage of Newtons in the medical world, then check out:

<http://med-amsa.bu.edu/newton.medical/newton.medical.html>

## Wireless

### MARCO DEVELOPMENT INFO

Motorola's Wireless Data Group (WDG) has posted developer information for NTK programmers interested in developing for the Marco. The Web page is located at:

<http://www.mot.com/Internet/MIMS/WDG/>.

The documentation includes a white paper on wide area wireless data, a description of the Motorola additions to

NOS that support wireless mail (using the Newton Action button.) and two sample apps (w/source) that send and receive mail over RadioMail or ARDIS Personal Messaging. The WDG page also includes a small patch package (1.0.2a) for Marco users.

ARDIS is now officially going to migrate their wireless networks to support IP access over the next two months. They will be using middleware from IBM called ARTour to help insure robust connectivity between CDPD and RAM Mobile Data. This will mean users will have "seamless access across the United States." [PCWeek, 07Aug95, Mike Moeller, page 8]

Of the 2.2 million mobile users in the US who work while traveling cross-country, 44% use notebooks, 29% use cellular phones, and 20% use pagers (based on annual survey of 1,000 mobile professionals in the US) [PCWeek, 07Aug95, BIS Strategic Decisions, page 41]

#### NYSE AIMS FOR WIRELESS FUTURE

The New York Stock Exchange is in the process of re-arranging its information technology plans to include wide usage of wireless technologies using PDAs. It will give the 800+ brokers on the floor instant transaction capabilities. NYSE expects to be done by mid-1996 and will cost over \$125 million. The Chicago Board of Trade (CBOT) and Chicago Mercantile Exchange (Merc) are also deep into prototypes. While no decision on a PDA has been made at NYSE, the current round of prototyping has been using the Epson HT-30 using IBM wireless PC Cards. [PCWeek, 31Jul95, Mike Moeller- page 1, 95]

Wireless voice and data is expected to be a *\$150 billion market* by the year 2000. [PCWeek, 31Jul95, page 31]

#### NEW WIRELESS MODEM

Motorola has begun to ship their wireless modem called the Personal Messenger 100D. The Type 2 PC Card modem uses the Ardis network (uses both RadioMail and Ardis Personal Messaging Service)' is powered by a 9 volt alkaline battery (6 hours of usage) or a rechargeable NiCd battery (2 hours of usage); and can store messages on the card for latter viewing on a notebook or PDA. It is priced at \$750. Bank of America has already ordered \$300 to be used with their Intronix handhelds. [PCWeek, 17Jul95, Michael Moeller - page 35, 36]

Bell Atlantic and Nynex have reduced cellular airtime rates by as much as 40% and eliminated some charges completely. For more information call: 800.922.0204. [PCWeek, 17Jul95, page 35]

#### WIRELESS WOES

Nick Wingfield has a front page article that goes indepth to the problems associated with utilizing mobile access in corporate computing. The key problems: high prices, and

"substandard" service. Most of the current players (ARDIS, CDPD, RadioMail, CSC, and PCS) are working on making things easier. Some major IS folks though don't think things will be "operational" for at least three years. If wireless is a big deal to you, then you should check out the complete article. It also has some good facts and figures. [InfoWorld, 17Jul95, page 1, 16]

## Other PDA's

#### SALES FIGURES

"Pondering PDAs: While only 333,000 PDAs will be sold this year, sales are expected to top 4.8 million by the year 2000. PDAs are on the cutting edge of technology, and consumers buying them today may find themselves making the same kind of tough choices they made when they bought their first PCs. Purchase decisions for PDAs are often made by identifying what software will perform a specific task, and which operating system will support the software." [Rich Santaesca, originally in Mobile Office, August 1995, p. 42 -- 07Aug95, page 108]

#### PM-100D COMPATIBILITIES

Dave Theodore <dtheo@NETCOM.COM> reported the following on the Magic Cap email listserver:

This is the latest from Motorola on PM-100D Personal Messenger - what it is compatible with now, and the software need to make it work:

- Windows: ARDIS Personal Messaging, RadioMail, or AirMobile (compatible with CC-Mail)
- Mac: ARDIS Personal Messaging, RadioMail, or Eudora (commercial version)
- HP Palmtops: ARDIS Personal Messaging, or RadioMail.

This is what is coming soon:

- Newton: software should be available late 3rd quarter to early 4th quarter this year. Original target date was late 3rd quarter.
- MagicLink: "Yes we are working on software, and hopefully it will be released this year."

David expects to get a shipment of PM-100Ds very soon. Send him email for pricing and availability issues.

#### NEXT GENERATION MAGICLINK

Here is a summary of rumors that were generated from the recent PC Expo held in New York, NY about the next version of the Sony MagicLink that runs General Magic's Magic Cap OS. The device is supposedly codenamed "MK2":

- same size and form factor
- pricing will be the same - backlit screen
- 2 MB RAM
- 2 PC card slots (stacked)
- 14.4 fax/modem (internal)
- an updated version of the Magic Cap OS
- release date -- sometime in October 1995

## WAIT CONTINUES FOR MAGIC CAP FOR WINDOWS

It does not appear that General Magic will be able to ship Magic Cap for Windows until sometime in early 1996. While it is not a good thing that it isn't shipping, Windows users can exchange data with their Magic Cap devices using a product called Magic Exchange from IntelliLink. The biggest concerns for the Magic Cap is not at the desktop level but at the hardware level of the current crop of devices. Improvement at this level will help foster more support for Magic Cap in the long run. [InfoWorld, 07Aug95, Yvonne Lee, page 34]

Lexicus, a division of Motorola, has introduced "Lexicus QuickPrint" -- a handwriting recognition package for General Magic's Magic Cap platform that turns handwritten notes into typed messages as fast as most people can write.

Nippon Telegraph and Telephone, AT&T, and Sony Corporation are now founding partners in a joint venture to utilize General Magic technology for an online multimedia communications service targeted for the Japanese market. The company is going to be called NTT FAN and expects to begin to offer services in early 1996.

Motorola's Land Mobile Products Sector has introduced the Forte Wireless CommPad - a ruggedized wireless communicator for the rapidly expanding wireless communicator market.

## Software Releases

Geert Jadoul <76271.2121@compuserve.com> reports that he has finished version 1.5 of **NDcrypt**. It has been posted to most online services. Version 1.5 displays a message on installation, asking you to decrypt all Notes that were encrypted with versions v1.0 or v1.1, because they use a different encryption method. Version 1.5 gives you:

- the option to make Notes inreadable/readable
- encrypt/decrypt Notes with a password (a 4 digit code)
- V1.5 supports unicode characters

Please contact Geert if you have questions or comments.

NewtNews has gotten our copy of **Now Synchronize**, but hasn't had a chance to load it up yet. Many people on the Net have gotten it and most seem to be having some problems. Most of the problems seem to be with Macintosh incompatibilities, and with some quirks on how Now Synchronize manipulates data on the Newton to be compatible with Now Contact and Up-To-Date. Now Software seems to be very responsive, and is attempting to work through as many of the problems as possible. We will keep you informed.

Matt Riley <riley@nowsoft.com> has posted a Now

Synchronize FAQ 1.0 to USENET newsgroup comp.sys.newton.misc, and has been very helpful in attempting to answer USENET news posts.

Motorola has just released the **Marco System Update** for all Marco's with version 1.0.2. The system update page on the Motorola Web site is:

<[http://www.mot.com/MIMS/WDG/DevForum/Marco\\_Update.html](http://www.mot.com/MIMS/WDG/DevForum/Marco_Update.html)>

More info on the Marco in general can be found at:

<<http://www.mot.com/MIMS/WDG/Technology/Marco/>>

Jeffrey Schlimmer <schlimme@eecs.wsu.edu> reports that his group at Washington State University <newton@eecs.wsu.edu> has released a **graphing tool for form data** -- transForm Graphs for Newton. TransGraph software (tG) is a tool for plotting data collected with transForm, their free forms collection tool. Using tG is an excellent way to spot trends while collecting data in the field. You can construct simple two-dimensional plots between any two fields for any transForm layout.

You can get tG on the Internet at the following sites:

<<ftp://ftp.eecs.wsu.edu/pub/newton/transGraph-1.hqx>>

<<ftp://newton.uiowa.edu/submissions/transGraph-1.hqx>>

<<http://www.eecs.wsu.edu/~schlimme/newton/transGraph.shtml>>

PelicanWare had a **new version of QuickFigure Pro (QFP)** at MacWorld/Boston'95. Some of the new features include:

- larger spreadsheet size
- label locking
- spreadsheet password and cell protection
- improved Windows import and export

PelicanWare will be automatically upgrading QFP 2.1 registered users who purchased the program after 01Jul95 for free, and will have an upgrade program for other registered users.

Rick Giles <rrg@netcom.com> reports that his company Holosoft is pleased to announce the arrival of a **new outlining application for the Newton** called OutlinePlus. Features include: drag-n-drop, automatic renumbering, collapsing and expanding items, easy navigation, a "jump-pad," and export to NotePad or Equate.

OutlinePlus is available now and is priced at \$59.95. The software is available directly from Holosoft (408.748.9648) and through Newton Source (800.NEWTON.1), MacMall (800.222.2808), and other dealers. Holosoft can also be reached by fax at: 408.970.9323, or by email at: <Holosoft@aol.com>.

David Pompea <74736.172@compuserve.com> reports that his

company DMP Systems has released **"NewtDb - The Relational Database for Newton"** to most online services as shareware/demo.

NewtDb is a relational database program for Newton for fast information retrieval. NewtDb's relational capabilities allow retrieving data from multiple databases at once and also displaying data in a list view. NewtDb has NCK support for data import and export from Mac or PC databases, supports records numbers and record modification flags.

The version posted is fully functional with the exception of supporting only two screens/databases and a 45 day trial time limit. The shareware fee for it is \$29.95. For further info send David email at the address listed above.

Stand Alone Software has released **Librarian 1.5 and KeyMan 1.1** to the Internet at the usual sites. Librarian is \$10 and KeyMan is \$15. Both are shareware, with a 30 day trial period.

The new version of Librarian has been updated to support all Newton MessagePads, from the 100 to the 120. It saves page location, book marks, and ink annotations made by the reader through restarts. It also allows the reader to use the power switch to turn the pages in a NewtonBook, so that one-handed reading is possible.

KeyMan (KEYboard MANager) is a collection of enhancements to the four built-in keyboards on the Newton. It also modifies Palm Computing's Graffiti handwriting recognition package, if installed. KeyMan 1.1 adds support for foreign calculation syntax, enhanced compatibility with Graffiti, and a new, more readable font in the built-in keyboards.

For more information about these or other Stand Alone products, please contact Stand Alone at: <info@standalone.com> or 312.262.5150.

Foundation Systems <atow@tow.com> has released **AlarmClock! v1.0** (\$10 shareware) to most online services. Here is a list of features:

- Auto Wakeup. Turn off your Newton and the alarm will still go off at the appropriate time.
- Auto Shutoff. If the alarm goes off and you are not there, AlarmClock! will shut itself off after a user configurable delay.
- Adjustable snooze delay.
- Large Stop and Snooze buttons.
- Annoying Sounds. In addition to the basic Newton beep sounds, AlarmClock! includes other annoying sounds.
- Optional Notepad Button. From the Notepad's statusbar, you can open the application, turn off an alarm, and see the time of the next alarm.

For more info, check out the following WWW site at: <<http://tow.com/~atow/FS/FS.html>>. You can get the file at:

<ftp://newton.uiowa.edu/submissions/AlarmClock1.0.hqx>

Lunar Engineering has released demos of the following pieces of software to most online services:

- NewtOnLine: a monthly ezine that focuses on the Newton, was recently released. It should be available in both Macintosh (DocMaker) and PC (Acrobat) formats.
- MagicCalc (\$39): a "powerful" yet "easy to use" inline, programmable calculator.
- Lunar MathStar (\$49): 3D spreadsheet with many conversions, templates, and equations.
- Spirit: a freeware quote generator.

**Version 2.2 of NewtCase** was available at MacWorld/Boston '95. Some of the major new features include:

- Soup management tools: calculate storage used, find possible orphans, merge across stores and delete unneeded soups.
- Includes SoupKitchen, a full-featured soup editor.
- Includes GestureLaunch/GestureScript, our answer to the button bar.
- Move packages between stores with a single tap.
- Significant interface improvements to the QuickPicker.
- Download packages to either store (Info Menu).

They are still working on the upgrade procedures for registered users of 2.1. It appears that if you want an electronic upgrade that it will be free, but if you want new disks/manuals it will require a nominal fee. For more information check out: <<http://www.newts.com/>> or <<ftp://ftp.newts.com/>> or send email to: <[tom@newts.com](mailto:tom@newts.com)>.

AppGen by Pinehill Software is now shipping their **application generator** -- enabling users to easily generate their own custom tailored data-collection applications for their Newton. Data can be saved to internal memory or external PCMCIA memory cards, searched using Newton's standard "Find" facility, and sent to other computers for further processing via the Newton Connection Kit.

Release 2 of AppGen allows users to generate a scrollable data entry screen populated with any number & combination of the following field types: Popup, Numeric, FreeForm, Date, Phone, Currency, Time, Fraction, Stopwatch, External Lookup, and External Application. Results are presented in an "expando" interface, allowing 15 fields to be visible at a time. A version of AppGen also supports bar coding. For more information contact Pinehill Software by phone at: 508.548.4470 or by email at: <[pinehill1@eworld.com](mailto:pinehill1@eworld.com)>.

LandWare has released a **new icon building tool** for programmers. Simply paste the initial icon you wish to show up in Extras and then paste the icon you want the user to see when they tap it. Poof -- Newton Icon! Builder 1.1 quickly creates the necessary icon mask.

It is being released as shareware to most online services. It comes in two formats: as a stand-alone application (365K)

or HyperCard stack (23K). The latter requires HyperCard or HyperCard Player to run. For more information contact Landware by email at <sales@landware.com> or check out their WWW site at <http://www.planet.net/landware>.

A demo version of **ChessPro** is now available on most online services. The Newton ChessPro is a full fledged chess playing program complete with an opening moves library and unlimited levels of play. The user can play against the computerized ChessPro opponent or it can be used by two players as an electronic chessboard. ChessPro can even play against itself, and will remember where a game was left off at if the player decides to exit before ending the game.

In demo mode the program will only play the ten first moves for each game (20 half-moves), but otherwise it is fully functional. Unlocking costs \$39 by email or \$39+\$5 by traditional mail. Contact Type Solutions for more information by phone at: 603-382-6400 or by email at: <typsol@aol.com>.

Jim Lanford <lanford@netcom.com> has released a Network Diagnostic Tool, "NetNamesLight.sit.hqx", to most online services. NetNames Light is a simple to use network diagnostic utility that displays and polls named devices on AppleTalk. It is extremely useful when setting up and testing Photonics wireless infrared networks. It is also useful for:

- Network system admins who to troubleshoot AppleTalk networks.
- Newton users trying to print or use the Connection Kit over an unknown network.

MAR Software has released version 2.2.1 of **Bills to Pay** to most online services. Bills to Pay (\$20 shareware) is a bill management system that allows you to 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. Bills to Pay also offers an alarm feature to alert you of bill due dates so you will never miss another bill payment. For those of you who use Pocket Money by Catamount, Bills to Pay can send items from your Bills Lists to any Pocket Money account you designate, and can also look up and use balances from any of your Pocket Money accounts. For more information please contact Ed Martin at: <EdMartin@eworld.com>.

Jim Bailey <jdb@tiac.net> has released four free autoparts that he wrote for the Notepad called "JDB's Notepad Tools." Here is a short review of each tool:

- **BULLET LIST BUTTON**: is a configurable bullet list generator
- **OTHERKEY**: is a simplified alphanumeric keyboard
- **SELECTALL**: is really a set of two actions: Select All, lets you select all of the text in the note and the other menu item, Paste, lets you paste any object to the note.

The documentation includes a white paper on wide area wireless data, a description of the Motorola additions to

- **TIMESTAMPER**: lets you change the timestamp of the note to the current date and time.

Each package is pretty small and combined they take up less than 3k of heap when installed. They all can be installed either internally or on a PCMCIA card without problems.

Ex Machina has announced **PocketCall 2.0** for the Newton. This is the first VT100 emulator of the Newton. This version of their popular communications package will let Newton users access the Internet to run programs such as text-based browsers for the WWW and corporate email programs.

## Recent Events

### MacWorld/Boston '95 Report

The following information is from John Schettino <js12@gte.com> who volunteered to forward a report to NewtNews about what was happening at MacWorld/Boston'95:

"The PDA Direct and Newton Source booths seemed to be doing brisk business every day. I'd say this was a mature show for Newtons. The Apple booth had a good turnout in 'Newton Alley' every day I'd been there, and folks seemed to be very interested. An interesting fact: in NS BASIC's booth the first question we asked was 'Do you own a Newton?' The most frequent answer was yes!

"The PocketCall folks have the VT100 version due for release in 2 weeks (they were showing it, it works.). AvailWorks was shown, Now was showing Now Sync, Balcones was there with Leverage, Motorola had the Marco, and NS BASIC was there. There was also good representation of Newtons and 3rd party Newton applications at the Apple Booth area, but no new items were shown that have not been talked about on comp.sys.newton.misc.

"This might be called the 'Year of the Forms Software' as there were at least three forms-based apps showing. Claris has a new email Macintosh application that can get your mail off of AOL, Compuserve, and lots of other places, and can send mail. There was a show special for 1MB 120's at \$399, and specials on the NTK (\$239). Sony Magic Links were around, as was Sharp/Zaurus. MetroWerks had a MagicCap development bundle for \$799 including a MagicLink, CodeWarrior Gold, 1MB card, debugger hardware, and Mac sync cable. I nabbed one for work.

### PDA DEVELOPERS EAST

The following information is from Randy Kaplan <RKAPLAN@ACM.ORG> who volunteered to forward a report to NewtNews about what was happening at PDA Developer East:

"The conference was true to its name - a PDA Developer's Conference. It was not just a conference about the Newton. Apple, Psion, and General Magic were all represented and had more or less equal amounts of time for presentation over the course of the two days. At the same time, there is a clear winner among the developers for a platform for development - any guesses - and no it is not the General Magic platform or the Psion platform. Most of the developer's present (I would say about 100 people attended), were Newton developers.

"Briefly, Day 1 of the conference consisted of a keynote by Gordon Mayer, CEO of Geoworks, and then a panel about development tools. Following the panel were tutorials. The conference split into two sections - one for Psion and the other for Newton. David Fedor of Apple was the Newton tutorial presenter, and a very good one at that.

"The second day was pretty much like the first. Keynote in the morning - David Elder of Psion, then a new technologies panel. Following this was a panel on wireless development with various representatives of firms dealing with this technology. At lunch, Jean Belanger of Metrowerks spoke about his company and development environment. Finally, after lunch came tutorials about Magic Cap and GEOS.

"Philip Ivanier gave the lunch time address on Sunday. He spoke of Apple's strategic directions and their overall continued support for the Newton. Clearly, at least from Philip's standpoint, Apple is committed and will continue expanding the product line and support for the products. In September, as we all know, Apple is hosting another Newton Developer's Conference, and it was highly recommended that we attend if we could.

"The third party tools session was most interesting. John Schettino (author of the new book about NS Basic) presented NS Basic and ViewFrame - a Newton-hosted inspection program. Steve Weyer showed his Newt and a new product named Newt's Cape - an HTML viewer for the Newton. This product will be released shortly and looks quite interesting. Jay Wright of Wright Strategies showed a product named OmniForm (old name) that is used to create Newton data collection applications. These are just three of the presentations - there were quite a few others.

"So, this conference was a great one. Steve Mann did a truly great job. Lots of neat people. All around a good show."

## Products/Services

**PDA Panache** - stylish Newton pens/styluses - 800.270.7196 - <PDAPanache@eworld.com>

**NEED A NEWTON PROGRAMMER?** NewtNews has a list of programmers willing to work on Newton based projects. Email: <sholden@ridgecrest.ca.us>

**Graffiti from Palm Computing** - Recognition That Works!- \$79  
Mention code NN1 and get a free pen too - 800/881-PALM

**Newt Tools** - six integrated utilities to manage your Newton - \$49.95 + S&H - <ascribe@eworld.com> - 800/732-8608

**NS BASIC 2.0** - BASIC programming on the Newton - 416.264.5999 - <info@nsbasic.com> - <http://www.io.com/~nsbasic>

**PERSONAL MEDIA by Gaia** - organizational tool - 800.784.8758 - <info@gaia.com>

**WriteWare** - unique PDA pens/styluses - 408-295-4217 - <dalford@sensemedia.net> - <http://www.sbusiness.com/writeware>

**AMIGO by ACCSYS Corporation** - English and Spanish dictionary - 610.436.4570 - <rkaplan@acm.org>

**NewtCase 2.2 by ICS** - package management - 800.655.6398 - <ics@indirect.com>

**NEWT HOLSTER by Lunar** - custom designed easy-to-secure holster - \$49.95 to \$54.95 - 212.586.2794 - <tyrmax@pipeline.com>

**CATAMOUNT SOFTWARE offers - POCKETMONEY:** financial manager (\$20); MPG: track vehicle records (\$20); and ALOHA: AOL email client (\$50). Mention NewtNews get \$5 discount - 802-863-5256 - <info@catamount.com> - <http://together.net/~hardy>

**ChessPad** - digital chess book and a portable chess set - \$49.95 - Clear Lake Research, 713.663.7513; <DavidL62@aol.com>.

**Wake Up Week by Stand Alone Software** - Date Manager - 518.274.0787 - <StandAlone@kagi.com> - <http://www.rpi.edu/~gottlb/SAS.html>

**Equate by Holosoft** - powerful spreadsheet - import/export to Excel - 408.748.9648 - <holosoft@eworld.com>

**BILLS TO PAY 2.2 from MAR Software** - never forget to pay a bill again - \$20 - demos on most Online Services - <EdMartin@eWorld.com>

**NEW!! Totally Incomplete PDA CD-ROM for Newton, Vol. 3 by Arizona Mac User Group** - ISO Hybrid CD-ROM - 602.553.0066 - \$29 - <info@amug.org>

**QuickFigure Pro by PelicanWare** - spreadsheet - customizable - import/export to Mac/PC - 800.655.6398 - <donv@teleport.com>

**The WriteRight Screen Enhancement by Concept Kitchen** - screen protection - 415.929.1002 - <kdmc@eworld.com>

**AvailWorks 2.0 For Newton by Avail Technology** - completely integrated Newton application - \$80 - 408.730.6855 - <Avail2@aol.com>

**Avail ClipArt For Newton libraries** - five clip-art collections - contact for pricing - 408.730.6855 - <Avail2@aol.com>

**LandWare offers - QUICKNAMES PRO:** contact tool (\$39); KWIK MENU: fully functional toolbar (\$39.95); and EASYBILL PRO: complete invoicing system (\$39.95) - 201.347.0031 - <sales@landware.com> - <http://www.planet.net/landware>

**GESTURE MOSAIC** - fast method for data entry - 40 wpm/100% accurate - \$69.95 - 800/69-MOSAIC - <AmtelMIT@eworld.com>

**THE ANGLER** - tips your MessagePad Charging Base by 30 degrees for better viewing - \$9.95 - available at Newton Source: 800-Newton1



**STAND ALONE** offers -- **SPEED:** speeds up folders in Names (\$25); **KEYMAN:** series of keyboard enhancements (\$15); **USER PICKER:** allow many people to use one Newton (\$15); **NOTEMAN:** bring the Notepad to the front; **MORE FOLDERS:** unlimited folders - <info@standalone.com> - 312.262.5150.

**The Newt Boot** - carrying case with shoulder strap and lots of pockets - \$49+S&H - <cavenewt@wyoming.com> - voice/fax: 800.903.6398 - <http://www.wyoming.com/~cavenewt/newtboot/>

**Newt** - object-oriented programming with NewtonScript on your Newton - Shareware - \$49.50 - <weyer@netaxs.com> - <http://www.netaxs.com/~weyer/newton/releases.html>

NewtNews in both text and Macintosh Newton book format from: <ftp://ftp.io.com/pub/usr/btorres/NewtNews>. The FTP site is also administered by Bob Torres <btorres@io.com>, if you have problems please let him know. Bob is also the Reviews Editor, please send him email if you want your product reviewed, or if you want to review a piece of Newton hardware or software.

There is also a WWW site for NewtNews. Point your favorite Web browser at: <http://www.ridgecrest.ca.us/NewtNews/NN\_top.html>

## Administivia

If you'd like to contribute some information that you have - anonymously or not -- write to: <sholden@ridgecrest.ca.us>. You can also send any comments, corrections, reviews, or suggestions to the address above.

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The text, the Newton book and HTML versions of NewtNews are being edited and published by Steve Holden. The monthly Pro version is being edited and formatted by Dave Hina <daverh@aol.com>. NewtNews books are now being formatted for the Newton by Mark Heringer <4535904@mcimail.com>.

Bob "The Email List Guy" Torres <btorres@io.com> offers the following information on how to subscribe and unsubscribe to the NewtNews email list:

To subscribe, send email to <majordomo@tristero.io.com> with the message 'subscribe newt\_news' as the body of your message (excluding the quotes).

To unsubscribe, send email to <majordomo@tristero.io.com> with the message 'unsubscribe newt\_news' in the body of your message (again excluding the quotes).

You can also subscribe or unsubscribe to the mailing list on the web using the following URL: <http://www.io.com/~btorres/subscribe.html>

You can anonymously FTP the latest and past issues of

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