



NewtNews Pro

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Comments and suggestions welcome!

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Recent Events

Newton Part Of The Spotlight At Macworld Tokyo

Dr. David Nagel, senior vice president of Worldwide Research and Development, delivered the MacWorld Tokyo 1996 keynote address, focusing on Internet solutions, Asia specific products, and Apple's future platform directions. In his keynote address, Nagel reiterated Apple's commitment to providing customers worldwide with an Apple experience on the Internet. Demonstrating Apple products including CyberDog, Newton on the Internet, Pippin on the Internet, as well as Adobe's PageMill-J (Japanese version). Nagel showed Japanese customers just how easy it is to customize an Internet interface, collect and organize Internet resources and publish information. Nagel also showed the Chinese Dictation Kit, Korean Language Kit, Mac OS running on prototype PowerPC platform workstation, Copland, English and Japanese localized OpenDoc, and some music enhancements that will be part of QuickTime 2.2. MacWorld Tokyo, which runs from 22-24Feb96, is the largest MacWorld Expo in the world and is expected to draw record-breaking crowds of over 170,000 attendees.

More Info From Macworld Tokyo

Chikara "RIKI" Taniuchi <riki-t@yk.rim.or.jp> has sent NewtNews three Newton Books created using Newton Press that include information and pictures about MacWorld Tokyo. We have .sit.hqx'd them and placed the file "" in the /submissions directory of newton.uiowa.edu. Some information we have been able to parse from Riki's messages:

- Enfour and Shin-Nihon Seitetsu have a Kanji recognition system for the Newton
- There is a Japanese navigation system using GPS & Newton called AshiNAVI
- There is a new product from Factory that links the MP120 running Newton 2.0 to the new digital camera called the QV-10 by Kodak

You should be able to get more information by checking out the following WWW site: <<http://www.yk.rim.or.jp/~riki-t/nagg/nagg.html>>.

Newton Tidbits

A Look At PDA's In MacUser

Jon Zilber, the former Editor-in-Chief at MacUser and PC Computing, has a major review of the latest PDA offerings in an article called "Toy Story: Does the Latest Generation of PDAs Make Good on the Initial Promises." The article is more on the humorous side than a completely serious study, but it does have some pretty good insights and opinions on the PDA marketplace. The Newton is mentioned as the ideal tool for "Those who need solutions to out-of-the-ordinary problems." [Page 68-73]

To Do List Hack

David Dunham <dunham@pensee.com> reports that he has written a little hack which patches the 2.0 To Do list to show 12 items, using Fancy 12. The patch doesn't uninstall itself if you remove the package; you'll have to restart your Newton PDA to return to the built-in font setting. You should be able to download it from the Pensee FTP site at: <<ftp://w.pensee.com/socrates/pub/Freeware/ToDoFont.sit>>. You can get more info about Pensee at: <<http://www.pensee.com/pensee/>>.

Next Newton Will Be Powerful

Apple expects that the next-generation of Newton to be super-charged with the latest StrongARM RISC processor from DEC. The chip could also be used to jump start Apple's Internet access tool Cyberdog or be used to power the much-discussed \$500 Internet access box. [Jack Robertson, Electronic Buyers News via Individual, 19Feb96]

Two Newton Mentions On Macway

Guy Kawasaki <Kawasaki@eworld.com> had following two tidbits on his MacWay email list..

This is from Ed Seibel:

"The America's Smithsonian exhibit opened this month at the Los Angeles Convention Center - the first stop in a two year tour of the United States. There are lot's of interesting displays including both Gemini and Mercury space capsules, Lincoln's hat, etc. But perhaps most interesting is the equipment used for the individually guided

Rare White Tiger Creations - Specializing in custom Newton books projects
<<http://pages.prodigy.com/CA/mrh/rwtc.html>>

RidgeNet - ARA, SLIP, PPP access to the Internet from Ridgecrest, CA
<<http://owens.ridgecrest.ca.us/RidgeNET/RidgeNETWelcome.html>>

tours. Typically, museums use tape recorders which one can rent and then follow a prescribed path to learn all the specifics of the exhibits. Since the folks at the Smithsonian wanted people to be able to wander freely - not to be constrained by any set path - they followed a different "path" themselves. They adapted a Newton MessagePad to deliver the audio message. Every exhibit is numbered. When you arrive at the exhibit, you press its number into the large keypad pictured on the face of the Newton - the appropriate explanation is played back through earphones. Pretty nifty."

And this tidbit is from Robert Whitman:

"Metro Dade Fire Rescue (Miami, FL) is a mostly-Macintosh computing environment with several hundred desktop and laptop Macintoshes, and Newton MessagePads. The department uses Macintosh to coordinate and communicate among its neighborhood fire stations, administrative offices and mobile/airborne Emergency Medical units all around Dade County."

US Constitution Newton Press Book

F. L. Beaver <hotlinks@mailhost.net> reports that he has placed his version of the US Constitution Newton Press Book in the submissions directory at newton.uiowa.edu as 'USCnst10.zip' or 'US_Constitution_v10.sit'. This is version 1.0, and it has the following features:

- Text of the original US Constitution
- Text of the current 27 Amendments
- Table of contents
- Hyperlinks between related portions of the document
- Pictures
- Explanatory headings and sub-headings
- Italicized text to denote any part that has been superseded or is obsolete

This reference is provided as a public service. It may be freely used or distributed for non-profit purposes. For more info you can check out the following WWW site: <<http://www.mailhost.net/~hotlinks>>.

Newton TCP/IP Service

Jonathan Conradt <JonNWT@eWorld.com> has some interesting ideas that he posted recently to USENET newsgroup comp.sys.newton.misc on creating some 'Newton TCP/IP services' once the TCP/IP stack for the Newton is released. BTW, the TCP/IP stack is supposed to be called: Newton Internet Enabler (NIE). Some 'first pass' services include:

- directory of Newton users
- software download
- SMTP mail gateway to support ink, PICTs, etc. ...
- Newton specific documents
- access to newsgroups
- convert JPEGs, GIFs, etc. ... to PICTs

For more information about these services please send Jonathan email.

NS Basic Demo For Newton 2.0

If you received the book "Basic for the Newton" by John Schettino and Liz O'Hara (ISBN 0-12-623955-X) before Jan96, and you have a MP120 running Newton 2.0 then the demo version of the NS Basic included with the book will not run on your Newton. However, NS Basic has created a demo that will work with Newton 2.0 and the software is being distributed by the book publisher AP Professional (aka Harcourt Brace). You can get the replacement demo disk by send an email message with your snail mail address to: <jpepper@harcourtbrace.com> or you can call Gael Tannenbaum at: 617.232.0500 x101 and request the upgrade. If you are intested you can purchase the book with the Newton 2.0 version of the demo by calling: 1.800.3131.APP. There continues to be a demo Newton 1.3 version if you need this one. You can get more information about NS Basic at their WWW

page: <<http://www.nsbasic.com>>.

AOL Newton Invitation

Terry Stibal <PDCSensha@aol.com>, PDA Forum Consultant, and your host at the Monday night "Nothin' But Newton" conference would like to invite all you AOL Newton users to join him at 9:30 EST each Monday in the PDA Conference Room (America Online keyword: PDA). There is typically an AOL "win a FREE HOUR" giveaway, and most of the vendors who happend to be in the spotlight also give out t-shirts or copies of their products.

Italian Newton Users Group

Matt Adreani <matteo@pobox.com> reports that a new user group has been created called INUG - The Italian Newton User Group. It is free to join and its main purpose is to help and support the Italian Newton community. In the future they will publish in Italian a bi-monthly newsletter and have a WWW site up and running soon. For more information send email to: <inug@pobox.com>.

German Newton 2.0 Is Shipping Someplaces

Michael Bodmer <visions@mail.access.ch> and Christian Schweizer <cschweizer@access.ch> both report that the NewtonShop in Switzerland is selling MP120s with German 2.0 as of 21Feb96. The units are selling for 965 Swiss Francs or US\$800, which is about the same price as the International Z-Version of MP120 (in English) selling in Central Europe. The German 2.0 is localized for Switzerland, Germany, and Austria (switchable by pop-menu); and there are modifications based on the above choice to wordlists, and date & time formats. The upgrade for current German MP120s running Newton OS 1.3 are not expected to be available until sometime between March and April 1996.

Supercomputing in the Palm of Your Hand

Digital Equipment Corporation (DEC) has finally introduced the much anticipated SA-110 StrongARM microprocessor -- "the first processor to combine the performance of a supercomputer with power dissipation low enough to run on AA batteries, and pricing which is geared toward mass-market, consumer electronics products." The StrongARM market is seen by DEC as to include: PDA developers, smart phone manufacturers, set-top box suppliers, video games, and companies exploring the Network Computer (NC) or Internet Terminal (IT). >From the PDA standpoint -- "Apple's Newton team and the StrongARM design team have worked closely together during the past eighteen months," said Michael Culbert, Newton system architect at Apple. "We are very excited about this new technology and its potential to carry the next generation of Newton PDAs to a new level. Our customers and licensees will be delighted by the new applications and human interface capabilities this chip can enable." Plus Papyrus Associates believes the StrongARM technology will "improved handwriting recognition software." And Dragon Systems believes the SA-110 will allow them to "provide advanced speech recognition capabilities for handheld portable products." Details on the three chip offerings:

- The 100 MHz part operating at 1.65 volts, delivers 115 Dhrystone 2.1 MIPS while dissipating less than 300 mW of power. Pricing is less than \$29 in 10k unit quantities.
- The 160 MHz version delivers 185 Dhrystone 2.1 MIPS at only 450 mW of power dissipation, giving a performance/power ratio (MIPS-per-watt) of over 400. This chip is available for \$49 in 10k quantities.
- The 200 MHz chip operates at 2.0 volts and performs 230 Dhrystone 2.1 MIPS while still running on under a watt of power. This chip is priced at under \$50 and achieves the industry's best performance/price ratio at almost 5 MIPS/\$ (MIPS-per-dollar).
- The SA-110 can accommodate 3.3 volt input/output levels, allowing system designers to utilize off-the-shelf 3.3 volt memories and other commodity components.

For more info about DEC's chip capabilities check out the following WWW page at: <http://www.digital.com/info/semiconductor>.

Newtons At Disneyland -- Speed-Up Data Collection

Guy Kawasaki <Kawasaki@eworld.com> had a 'tidbit' from Tim Breen on his MacWay email list. While not a surprise to long time NewtNews readers, some of the more recent ones might be surprised to know that Disneyland in Anaheim, California has been using Newtons to survey guests when they leave the park or finish a ride/event for quite some time. Some of the findings of using the Newton for data collection according to Tim who talked with one of the "cast members" collecting data:

- It does take a little bit more time to survey guests than paper surveys.
- But they have saved a lot more time in designing surveys and in tabulating results.
- Changing surveys by asking different questions based on earlier responses is much easier than the old paper surveys.

Newton 2.0 Modem Reference Site

Evan Wagner <ewagner@radix.net> has a growing list of list of Newton 2.0 compatible modems at: <http://www.conx.com/mp120>. The site has Apple's official modem compatibility list and his own. Please help Evan out by checking out this site and providing feedback on any modem compatibility issues you might be aware of.

German Newton 2.0 Info

To upgrade your German MP120 to Newton 2.0 you need to call the Apple Upgrade Center at: +49 89 358 10 441 or fax: 056 441 6535. The cost is DM\$199+15 for S&H. MP120s owners in Austria get the update for 1393 Austrian Schillings plus 107 Austrian Schillings for S&H. When you upgrade you will get the Newton Backup Utility (NBU) & manuals; and upgraded versions of Notion and FilePad. For more complete information check out: <http://www.apple.de/produkte/Newton/>.

Newton Calculator Comparison Chart

You can get Landware's Newton Calculator Comparison Chart v1.0 at: http://www.landware.com/procalc_compare.html. Landware is the publisher of ProCalc which is included in the list. The data presented seems to be accurate. But please note -- the chart is intended as a guide only. Because software specifications are constantly changing you should contact the publishers listed for the most current information.

New Healthcare Product For The Newton

PHAMIS (a Seattle-based developer of the LASTWORD healthcare information system) has announced that they have signed a distribution agreement with Point-of-Care Systems (a provider of mobile computing solutions in home healthcare located in San Diego, California) to distribute Point-of-Care Systems' Pegasus product. What is Pegasus you ask? It is a client running on a Newton with a server that runs Windows NT. It is geared specifically for home health agencies, and include modules to help: automate forms, clinical charting, case management, and data communications. Pegasus will be available throughout PHAMIS' direct sales network immediately as a stand-alone solution, and in the future it will be integrated with the PHAMIS' LASTWORD system. For more information please contact: Cheryl Isen at: 206.689.1306.

WWDC Has Newton Info

Each May, Apple holds the Worldwide Developers Conference (WWDC) in San Jose, California, to keep the developer community up to date about the state of Apple technology in the world. It's the best place to meet with Apple engineers and executives, and hear details about Apple strategy, technology, and products -- including the Mac OS, Copland, OpenDoc, Newton, and PowerPC, as well as Apple's Internet solutions. It's also a great opportunity to network with your colleagues; this year, Apple expects more

than 4,500 attendees from all over the world. You can also get a first-hand look at myriad developer support tools at the WWDC Vendor Exposition. If you register by 05Apr96 for this year's WWDC, to be held 13-17May96, you can save \$100 off the \$1095 registration fee. The WWDC Web site provides complete details about this year's WWDC, including transportation and hotel information. You can also register online at the site by clicking the dogcow icon at the bottom of the page: <http://wwdc.carlson.com/>. You can also send email to the following address for more info: <WWDCREG@cmi.carlson.com>.

Macway Newton Blurp

Guy Kawasaki's MacWay list forwarded the following tidbit from Randall Roman: from the 22Jan96 issue of Aviation Week and Space Technology"

"The U.S. Air Force and MITRE Corp. are developing a handheld digital communicator that could be rushed into service to help military personnel clearing mines in Bosnia. The prototype Tactical Automated Situation Receiver (TASR) includes an Apple Computer Newton portable processor, a GPS receiver, and a commercial pager combined in a rugged unit. The Air Force has sent messages from a laptop computer to the handheld units warning of a missile attack. Minefield clearing involves warning the user when he is straying onto dangerous ground. TASR compares GPS position with constantly updated mine locations. Capt. William J. (Buzz) Szarek, the program manager of Hanscom AFB, Mass. said a go-ahead has not been given yet on units for Bosnia."

For more information about the MacWay list -- send an email to <macway-request@solutions.apple.com> for an automatic reply. Archives are at: <http://wais.sensei.com.au/searchform.html>.

Newton Programmer Job

Paul Potts, Technical Lead at the Health Media Research Lab at the University of Michigan's Comprehensive Cancer Center is looking for a good Newton programmer. If you want more information and you are willing to label yourself a "Newton programmer" please send Paul email at: <potts@cancer.med.umich.edu>.

German Newton Os 2.0 Delayed

Unfortunately Apple Germany is reporting that Newton 2.0 is not going to be available until sometime in Apr96. You can get official info at: <http://www.apple.de/produkte/Newton/120Update/Update.html>.

PC Savvy Newton Email List

Carlos Alvarez <carlos@theriver.com> reports that there is now a mailing list to discuss issues surrounding connectivity between the Newton and Intel-based PC's. The instructions to subscribe are:

- Send mail to: <majordomo@theriver.com>
 - In the BODY text put: 'subscribe newton-pc' (do not include the 's')
- This group has also set up a WWW page at: <http://www.conx.com/mp120>.

Australian Newton Programming Courses

Robin Simpson <simmo@geko.net.au> reports that he has plans to offer an Intro to Newton 2.0 Programming course that uses either Windows or MacOS NTK. The course will run 3 days, cost AUD\$795, and be held in several locations during the following dates:

- Sydney from 20-22Feb95
- Brisbane from 26-28Feb96
- Melbourne from 12-14Mar96

Windows programmers who attend this first round of courses will be automatically included in the Windows NTK beta test program. For more info contact Sue Wood at ceMis on: +61 7 3217 5600, FAX: +61 7 3369 4828 or email: <Susan_Wood@qmgate.corp.apple.com>. You can also get more info

by checking out the following World Wide Web page at: <<http://www.moreinfo.com.au/simmo/>>.

Holsters, Cases, & Other Stuff For Your Newton

Jean-Paul Florencio <jflorencio@aol.com> works for PowerBox, a French company with many cool Newton carrying case options. He reports that PowerBox will soon have their products available at: PDA Direct, Newton Source, and Newton Store. You can get more info at: <<http://www.transeo.fr/powerbox/home.html>>. NewtNews will keep you updated as more availability and pricing information becomes available.

Searching For That Cheap 14.4 Modem

In a past issue of NewtNews we summarized a listing of modems that people had reported to comp.sys.newton.misc were working great with Newton 2.0. We ended up mentioning several people who were associated with very cheaply priced 14.4 modems. And unfortunately a great deal of you thought that these people had access to these modems and flooded them with email. We are sorry about this mix-up and will attempt in the future to better identify people who are just relaying information vs. actually having access to products in NewtNews.

Mac*Chat - Good Faxing PC Card Modem

Brian Hall <mSPACE@netcom.com> of Mark/Space Softworks reported in Mac*Chat#102/01-Feb-96 that he recently got a MP120 with Newton 2.0 at Macworld and has had good success sending and receiving faxes using his new Newton with Motorola's 14.4 PC Card.

NC & Newton Run On Same Processor

Acorn Computer Group will be supplying the basic design for Oracle's low-cost (\$500) Internet savvy device being called the Network Computer (NC). Both Acorn and Oracle were silent about Marketing plans and the only services they would elaborate on was the ability for the device to access the WWW and support open standards like HTML and Java. Oracle did say that Acorn was not the only company involved in the device, sparking rumors that some part of Apple's Newton OS could be used by the device since they use the same core RISC processor technology being developed by ARM and Digital. [Information originally from Computergram International via PowerPC News, Vol. 3, No.44]

Your Ticket To Disneyland

Patrick Ketelaar <pketelaar@aol.com> has reported that Orion Software has released the following theme park guides to the general public. They are:

- MKMap: The Magic Kingdom at Walt Disney World
- DLMG: Map to Disneyland's Magic Kingdom
- D-I-G: The Disneyland Information Guide as written by <Alweho@aol.com>

The above can be obtained through AOL or his World Wide Web site at: <<http://users.aol.com/pketelaar/orion.html>>

More Info On Leica

Leica has a laser based distance measuring device called DISTO that when linked to a MP120 becomes the DISTOPad. The system allows a user to record, annotate, print and store measurements on a "per job" basis, as well as perform area and volume calculations. Other interesting information:

- Users report a dramatic improvement in accuracy, productivity, and a significant savings in time in using the DISTOPad.
- The DISTO can measure with from an 1/8th of an inch to 330 feet.
- There is a separate PC upload utility option.
- The DISTOPad will be introduced in North America in Q2,96.
- For more information send email to: <LeicaBAC@aol.com>.

Farmers And Their Newtons

Heather Ryndak has an article called "Pocket-size computers can be carried out into fields" in the Peoria Journal Star that was published on 30Jan96. The article focuses on the many uses of technology currently being deployed by farmers including several solutions that use Newtons. One the key Newton solutions is allowing a farmer to accurately mark problems like insect infestation or infrastructure damage, and then upload this data to his/her desktop PCs. [Information forwarded from CompuServe]

Peak At A Color Newton

In the 29Jan96 edition of NewMedia in a column by Phil Hood on page 8 there is a picture of a color MP120 with Netscape surfing the Internet. Funny thing is the article only mentions the Newton in passing when it makes a reference the rumors that Oracle was going to use the Newton as their Network Computer (NC). Phil does give the NC some merit and thinks that the biggest opportunity is not in building such devices but in creating "Web content."

Newton Storage Prices

Prima International has a wide-range of 'new' Macintosh and Newton storage solutions. A recent mailing had the following Newton compatible PC Cards on special:

- 1MB SRAM for \$131
- 2MB Linear Flash for \$110

And their regular Newton PC Card offerings include:

- 4MB Linear Flash for \$199
- 8MB Linear Flash for \$385
- 10MB Linear Flash for \$449
- 16MB Linear Flash for \$699
- 512KB SRAM for \$94
- 2MB SRAM for \$239

To order call: 800.737.7462. For more information call: 408.727.2600

Newton Vertical Market Solution

Berne Food Service is a distributor of cultured dairy products in Michigan. To expand their business into the frozen food market, they need several new tools -- including a new fleet of dual-temperature route trucks and a more streamlined information service. One of their new tech tools includes the MP120 for all driver-salesman which includes some custom inventory tracking, ordering, and receipt printing software written by Tactile Systems <info@tactile.com>. The system also deploys O'Neil's MicroFlash IR printer that can be mounted on a driver-salesman's belt. On a typical day the driver-salesman gets his Newton all loaded up with the corresponding data that is in his/her truck. As deliveries are made, the Newton is used to keep track of inventory, take new orders, and print receipts for customers. It is also used to report past deliveries that are being returned to the warehouse. When the driver-salesman returns back to home base, the data is uploaded and reconciled with Berne's main database. If you want more info you can send email to Sean Berner at: <berner@berne.com>.

Rumor Mill

Crazy Rumors

A recent blurb in the Mac the Knife column reads something like this: Larry Ellison (Oracle) and Steve Jobs (NeXT and Pixar) have reportedly been toying with the idea of making a joint bid for Apple. While it might be cool to have "NeXT OS running Oracle databases on Newton PDAs" the Knife thinks these two "bajillionaires" are just making up "stories to impress their peers." [MacWeek, 19Feb96, p. 66]

Newton Leaving Apple Rumors

The rumors about what Apple plans to do with the Newton System Group continue to be tossed around. The San Jose Mercury News and New York Times continue to fuel the fires by printing stuff like the following on 08Feb96 -- 'Apple execs were now meeting with Sun execs to not discuss the "outright sale of Apple" but to buy some pieces of Apple, such as the Newton Systems Group or some part of the Mac OS.'

StrongARM on the Newton

Apple will be introducing sometime in late 1996 a new version of the Newton running on DEC's StrongARM chip that will speed the Newton OS by more than 5 to 8 times. [PCWeek, 05Feb96, page 101]

Katt's Rumor Central

Spencer F. Katt's Rumor Central thinks that one of the first things that Apple's new CEO Gil Amelio will sell off is the Newton, followed by Pippin, low-end business to Acer, and PowerBooks to Taiwan. [PCWeek, 05Feb96, page 106]

Newton & the Web

Tons Of Easter Eggs

The Newton newsgroups have been abuzz with the latest and greatest Newton Easter Eggs. Oliver Fross <ofross@curly.cc.emory.edu> claims to have a complete and growing list of these Easter Eggs on his WWW page at: <<http://userwww.service.emory.edu/~ofross/newton/eggs.html>>

Newton Bag Reference Point On The Www

Georg Oehl <oehl@student.uni-kl.de> has set-up a WWW page to highlight the large number of Newton bags and carrying cases solutions at: <<http://www.student.uni-kl.de/~oehl/newtoncases.html>>. Several people have also 'donated' their own short accounts of their experiences with Newton bags or cases that they owned. Please send Georg email if you are interested in sharing your own information.

Undo

Joe Hutsko <76703.4030@compuserve.com> reports that you can get his book called "Undo" on the WWW at: <<http://www.vivid.com/undo>>. The Newton Book version is also available on most online services now. NewtNews published a review of Undo in issue: 81 published on: 30Jan96.

Fun WWW Search

To learn a little bit more about some Macintosh networking products offered by Neon you can participate in a search for a Neon flashlight on their WWW page at: <<http://www.neon.com>>.

On the WWW

JavaWorld magazine is now online at: <<http://www.javaworld.com>>.

Megahertz AllPoints PC Card at: <<http://www.megahertz.com/whatsnew.htm>>

RadioMail prices at: <<http://www.radiomail.net/orderinfo/pricing.html>>.

Wireless

Wireless Database Connectivity

SplitRock Corporation along with CIS Technologies successfully demonstrated at Mactivity96 an automated dispatching system for service organizations linking their UniversalFormsManager (UFM) application running on the Newton 2.0 wirelessly connected to a 4D Database residing on a Mac desktop. UFM is an integrated package for creating PDA based forms for data capture and query from remote locations. Using custom comms

functions SplitRock was able to transmit, receive and integrate data in real time. Field personnel collected forms-based data, transmitted to and from a desktop machine that integrated with CIS's 4D database used to generate service call slips, call sheets and general scheduling of their service personnel. This system is the prototype for a dispatching system for field engineers and technicians. It tracks service calls, tracks time for billing purposes, accepts client signatures for work authorization and integrates a fax-back system to produce customer invoices. For more information contact SplitRock by phone at: 908.766.4043 or by email at: <SplitRock1@eWorld.com>.

Indepth Report On GSM Connectivity

[EDITOR'S NOTE: The following information was compiled from several email messages that I had with Howard Small <hmsmall@ibm.net>. NewtNews thanks Howard for patiently answering all our questions, and for taking the time out of his busy schedule to give us very good answers.] In the last issue of NewtNews we mentioned a partial press release we came across that mentioned the Newton, Nokia new GSM phone, and Vodafone. We were pretty vague on what all of this meant to the average Newton user that had access to all of the above. Hopefully the following will clear all this up. It appears the Nokia GSM phone is actually model 2110e and when combined with the Australian Vodafone service you can get seamless international roaming which includes the following data services:

- phone to phone Short Message Service (SMS),
- dial-up access to send SMS,
- send fax,
- data connectivity

A SMS message typically costs about 15 cents a message with a max of 160 chars in a message. The monthly charge for a corporate GSM Australian user is \$30 a month, with charges in the range of 16-26 cents a minute during peak times for out going calls only. International calling can be much more expensive, but it can be at times less expensive then making a call from a hotel phone. You can get your Newton involved in this equation if you add the Nokia Cellular Data PCMCIA Card with a cable connecting you to the Nokia 2110e. This will give you pretty much seamless eWorld connectivity throughout Australia and many other countries.

The coolest thing is the wide spread connectivity you can get with GSM -- from an airport lounge in Vienna, or on the bus in Stockholm, or to your customer offices in Sydney, or to your hotel room in Hong Kong you are totally connected. In Australia there is also two other services: Optus and Telstra -- so as a GSM user in Australia you are pretty much wired wherever you go.

Here is a complete list of countries that Vodafone has good roaming arrangements in: Andorra, Austria, Belgium, Cyprus, Denmark, Estonia, Finland, France, Germany, Gibraltar, Greece, Hungary, Iceland, Italy, Jersey, Latvia, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, Australia, Bahrain, Emirates, Hong Kong, Indonesia, Kuwait, Lebanon, Macau, Morocco, Philippines, Qatar, Singapore, South Africa, and Thailand. AT&T has stated that they will be offering some GSM capabilities in selected West Coast areas by Jan97. Pacific Bell also has plans to offer GSM in California in the not to distant future.

CDPD Expectations

AT&T Wireless, Bell Atlantic Nynex Mobile, and GTE Mobilnet continue to expand their CDPD offerings in 1996. Over the next six months expect: upgrade to 1.1 of CDPD specification; and more 3rd party products, services, and applications. [PCWeek, 29Jan96, Mark Moore, page 33]

More GSM News

Charles Ostrofsky <fort@his.com> reports that he has been using the new GSM PCS1900 offered by Sprint Spectrum in the Washington-Baltimore

area for the last couple of months and "it is [working] great." Jakob Peterhansel <jph_dd@aix1.danaddata.dk> reports that the majority of the new GSM phones, like the Nokia 2100s series, are capable of using both PCS1900 and PCS1800.

Other PDA's

Magic Link with Phone

Sony is now packaging their Magic Link communicator, with Wireless Modem Link software, and a cellular phone.

Plans for Pegasus

Pegasus (codeword for PDA OS) from Microsoft is expected by some to finally bring the corporate world into the PDA realm. Microsoft is planning a Pegasus developers conference in May96, with beta testing beginning in Fall 1996. So far Casio, Epson, Compaq, and NEC are working on hardware. Intuit, River Run, and Pivotal are working on software. And AT&T and Skytel want to provide wireless network services. [PCWeek, 19Feb96, Mark Moore, page 108]

New PDA Chip

Intel has a new low-powered 486 chip (codenamed Hummingbird) for the PDA and Network Computer markets. The chip will support 16- and 32-bits, and sell for under US\$50 in large quantities. Some companies suppose to be using the chip include: Oracle, Seiko Epson, and NEC. [PCWeek, 05Feb96, Page 3]

WinPad Project Back On

Microsoft it appears has taken the 18 month hold off the "WinPad" project and restarted it under the codename "Pegasus." Some core features will include: kernel uses Win32 API, support for wireless comms, and access to the Internet. The first betas are expected by the end of 1996. Software and hardware developers are supposedly pretty gunshy considering all the hype that WinPad would ship in 1993 but nothing became of the project. [PCWeek, 05Feb96, Mark Moore, page 8]

Pilot Review

Rich Schwerin has a review of Palm's Pilot 1000 entitled "Portable Pocket Assistant" in the 01Mar96 edition of PC Computing. In summary:

- SIZE: 4.6 x 3.1 x 0.6 inches; WEIGHT: 5.5 ounces. POWER: Two AAA batteries; Display: Nonbacklit screen; PRICE: \$299; CONTACT: Palm Computing - 800.881.7256, 415.949.9560
- "It's just slightly larger, but thinner, than a deck of cards."
- 32K operating system called the Palm Connected OS
- "It takes a while to get comfortable with Graffiti, but in a few hours we were quickly and accurately taking notes in the writing area. (the bottom third of the screen), which is split into two panes: one for text entry, the other for numeric entry."
- Connectivity through the Pilot Cradle that connects to the desktop suite of Pilot Desktop applications.
- Scores 5 stars in Usability, Technology, and Verdict
- 5 stars = "Excellent Market leader that offers exceptional performance"
- "The ultimate palm-size organizer at a bargain price."
- "High-end PDAs like Apple's Newton MessagePad 120 and Sony's Magic Link PIC-2000 offer better communication features but cost hundreds of dollars more."

[Information via CompuServe]

More Info On Pilot

PalmTech <palmtech@aol.com> has been doing a lot of cross posting to comp.sys.newton.misc, comp.sys.palmtops, and comp.sys.pen in the hopes of trying to answer as many questions as possible. Here is a summary of

interesting information:

- Pilot should be in the stores at the end of Mar96
- You can synchronize by cable or modem to any PC which has the Pilot desktop and HotSync manager running on it.
- OS was written to be tightly integrate with the devices and the communications.
- Many "well-known" application are being written to work on the Pilot, along with desktop helper components.
- Pilot SDK will be generally available soon.

For more information you can also send email to: <support@palm.com>.

Newton Slam

There is an article called "Power In Your Palm" in the Jan95 edition of Home Office Computing by Jonathan Matzkin that examines the current state of PDA offerings. Matzkin notes that Apple's Newton has been a complete "bust" but palmtop's from Sharp and HP offer many PIM functionality without the "not-ready-for-prime-time" features that the Newton has.

Still More on Pilot

PC Week has a picture and introductory article about Palm Computing's Pilot PDA. Summary details: 5.5-ounces; has standard PDA built-in apps; desktop connectivity via dock; retail price of \$299 for Pilot-1000 and \$368 for Pilot-5000 (more storage); uses Graffiti recognition; uses Motorola's 16-Mhz 68328 CPU; and 160-by-160 pixel display. Both Pilot models with Windows connectivity software are expected to ship in Mar96, with Macintosh connectivity available in May96. For more info, contact Palm at: 800.881.7256. [PCWeek, 29Jan96, p. 34, Mark Moore]

Also on Pilot

Stewart Alsop shares his views on Palm's Pilot in his Distributed Thinking column on page 122. He likes: the size, that it runs on two AAA batteries for a month, is relatively cheap, and that it will sync with the Palm's desktop program (mimics applications on the Pilot). Alsop does say he plans to start using the MP120 with Newton 2.0 when FileMaker Pro and Meeting Maker for the Newton become available, since these two apps are very important to him on the desktop. But the Newton definitely is not the same size as the Pilot, so it won't be ideal until it can fit into his shirt pocket. [InfoWorld, 29Jan96]

Software Releases

Viewframe 1.2 Demo Available

Creative Digital Publishing <cdi@cdpubs.com> has released a demo version of ViewFrame 1.2 -- the premier Newton debugger and placed it at the following electronic sites:

- Creative Digital's web site: <http://www.slip.net/~cdi>
- Creative Digital's Newton vendor forum on CompuServe - GO NEWTVENS
- - <ftp://newton.uiowa.edu/submissions>
- American Online (Computing/PDAs/New Files and Free Uploading)

Look for the StuffIt archive 'VF12Demo.sit'.

New Version Of PocketMoney

Hardy Macia <hardy@catamount.com> reports that he has posted PocketMoney 2.0f5 to the Internet. Changes since 2.0f4:

- It fixes the -48402 filter bug and the -48406 Not Yet bug.
- PM_Connect can upload to your Newton from your desktop
- Tab Delimited files to Mac or Windows for import into databases or

spreadsheets

- QIF files to Mac or Windows for import into Quicken, MYM, MacMoney, MSMoney, etc. ...
- To and From Dates in the filter can have special markers "First" for first day of current month and "Today" for the current date. This allows users to save date independent filters.

You can download the software from either <<http://www.together.net/~hardy>> or <<ftp://newton.uiowa.edu/submissions>>.

Genealogy App Gets Update

Peter Mitchell <PMitchell@eworld.com> has announced Relations 1.2 -- a shareware Newton genealogy program. Relations can be used to gather and view your family history, or it can be used to gather and then transfer it to a desktop genealogy program. Relations runs on Newton 1.x and is compatible with Newton 2.0. Relations now includes basic support for import and export of GEDCOM files. For more information, please check his WWW page at: <<http://www.ccinet.ab.ca/pmitchell/>>.

Analysis Of WinNewt By Its Author

Major NewtNews kudos for Tim Hodges <Timothy.C.Hodges@Hitchcock.ORG>, author of WinNewt. He posted the following to USENET newsgroup comp.sys.newton.programmer:

"WinNewt is a graphical environment that lets you (1) design the user interface for your application, (2) write the NewtonScript code that will determine what these buttons, check boxes, etc. will do, all on your Windows PC. Once your app is complete, you can print, save, export to text, or download your code to your Newton using Steve Weyer's Slurpee. Then, using his Newt development environment, you can create standalone packages. "It's tough for an author to be objective about his/her work, but the pros/cons for WinNewt as I see them are:

"Pros:

1. It's the only Windows development environment for the Newton. MacNTK does not run under Executor/DOS.
2. The graphical interface lets you construct your interface on your PC.
3. You write NewtonScript code on your PC; you don't have to use the keyboard or HWR on the Newton.
4. WinNewt costs much less than MacNTK, even after you register Newt and Slurpee.
5. Free technical support with registration.

"Cons:

1. WinNewt doesn't produce standalone packages by itself. Apple licenses the Newton package format, but (as yet) there is no independent desktop compiler that will create downloadable packages.
2. WinNewt doesn't include support for NOS 2.0 (yet), although you can add new functions in the Extra Frames section.
3. You have to use NewtonScript, which may mean learning a new language syntax.

If you have any other questions, send email to: <WinNewt@aol.com> or try the WinNewt WWW page at: <<http://members.aol.com/WinNewt/WinNewt.html>>.

Keyboard For Newton 1.3

Still trapped with Newton 1.3? And you want to enter data into your Newton using a keyboard? Well, there is now a solution. Dan Parvaz <dparvaz@deafnet.com> has written Type! 1.0 for Newton 1.3 that includes 100% emulation of the on-screen keyboard, page up/down, preset macros, foreign accents, forward delete, and a simple user interface.

GSM Messaging And Faxing Tool

Robin Simpson <simmo@geko.net.au> is the author of BulletIN trio which adds two-way Short Message Service capabilities for the Newton as well as enhancing the built-in fax capabilities - when used with a Nokia cellular data card and a Nokia 2110 digital (GSM) phone. It should work with the DCS 1900 using the Nokia 2140 that people in the USA are experimenting with. For more information check out the following WWW site at: <<http://www.moreinfo.com.au/simmo>> or send Robin email.

Alarmclock Gets Upgrade To 2.0

Adam Tow <atow@tow.com> at Foundation Systems has released AlarmClock 2.0 -- a major update to its 'best-selling' alarm clock for Newton PDAs. AlarmClock 2.0 goes far beyond the functionality of the built-in clock feature of the Newton OS 2.0 by adding a significantly louder and more annoying alarm sound. Full screen stop and snooze buttons makes it easy to use AlarmClock 2.0. In addition, users can programmatically stop or snooze AlarmClock using the Newton's power switch. Users can configure the snooze to any delay; also, AlarmClock will automatically turn itself off after a user preset time, thus saving valuable battery life. AlarmClock 2.0 is a shareware for \$10 and is now available from [ftp.amug.org](ftp://ftp.amug.org) at:

- <<ftp://ftp.amug.org/incoming/alarmclock20.hqx>>
- <<ftp://ftp.amug.org/incoming/alarmclock20.zip>>

All registered owners of version 1.x will receive a free update to version 2.0 (or version 1.3 for OS 1.x users) from Foundation Systems. Registered owners should send email to the company for more information on receiving their free update. You can also get more info at: <<http://www.tow.com/atow/FS>>

Newton/Unix Communication System

Anthony (aka spoonman) <aehall@netcom.com> has released UNIX Package Loader NEWTL! v1.9.1 -- download packages and automatically send email, print, and fax from your Newton's Mail, Print, and Fax Outboxes through your UNIX machine. Newtl allows your UNIX system to communicate with your Newton using Steve Weyer's Slurpee Newton communications program. Although Newtl was originally developed for Newton development (using Makefiles and Newt source code on your UNIX system), it can, in fact, transfer any Slurpee-compatible text to and from your Newton soups! For more info check out the Newton/UNIX Communications Program WWW page at: <<http://www.tcel.com/~aehall/newtl/>>.

Space Newton Game

Matt Washchuk <mwashchuk@gatecom.com> has released a new free Newton game that uses a 'developing story line' called Space Voyage I: The First Encounter. Space Voyage I contains five levels of ship-to-ship combat, with an introductory story and continuing story development. Passcodes allow users to access higher levels. Space Voyage is inspired by the Space Quest game series and Star Trek:TNG. You can also check out his World Wide Web page for more information at: <<http://www.gatecom.com/~mwashchuk/newton.html>>.

DOT Emergency Response Guidebook

Mark Rollins <markcih@neca.com> reports that The Blair Group has released the computerized version of the DOT Emergency Response Guidebook (ERG) -- NewtDOT. This little orange lifesaver from the Department of Transportation is now available for the Newton PDA. You can search for a chemical name fragment, Placard, or UN/NA number, and hyperlinks take you to the proper Guide Number or Isolation Table. B&W pictures aid in identifying placards. The full text, from the Shipping Papers description to the Hazardous Materials Classes is included, as is a comprehensive on-line help system. Cost for NewtDOT is:

- US\$79.95 for a single user license.
- US\$159.95 for an unlimited use at one facility site license

- Please contact them for Corporate licenses.
- Fire and Police Departments receive a 20 dollar discount.

You can also get a free demo by sending Mark email at the address listed above or you can get more info by checking the following URL: <<http://www.neca.com/~markcih/blair.html>>.

Intelligent Diagramming On Your Newton

Planet Computing has announced Clarity for Newton 2.0 -- "a diagramming program which allows the user to drag and drop pre-defined shapes onto the MessagePad's screen." Clarity has been optimized for the Newton 2.0, allows layering of objects and also provides an underlying database that allows the user to assign multiple properties such as model, cost, price, dimensions, etc. to each object. Clarity also comes with more than 100 pre-drawn objects, provided on six separate templates. These templates include:

- Basic shapes
- Flowcharting
- Business Process Engineering
- Local Area Network Template
- Office Space Planning Template
- Architecture/Remodeling Template

Clarity should be available 01Mar96 at a suggested retail price of US\$149. Clarity may be ordered directly from Planet Computing at 1.800.499.1006, or can be downloaded from Planet Computing's WWW site at: <<http://www.aplanet.com>> and evaluated free of charge for 30 days.

X-Files Newton Book Guide

Gedeon Maheux <GedeonM@aol.com> has released a new Newton Book created as a "pocket" reference to the popular Fox Television show, The X-Files. The guide contains a complete episode listing to date as well as character bios, X-Files Web and ftp sites, and interesting tidbits for fans of the series. The Book was created using the Newton Press Beta release and is freeware. The guide can be found at various Newton ftp sites including amug.org and the author's personal ftp site on aol. The address there is: <<ftp://members.aol.com/GedeonM>>.

New Newton Puzzle Game

Kimiko & Tetsuo Namba <GCG00536@niftyserve.or.jp> have written another puzzle game for the Newton. It is one of those jump-over-pegs-until-you-have-only-one-peg-left types of games with a few twists. The program is freeware and available at the following ftp sites: <<ftp://ftp.amug.org/incoming/RepTile1.0.sit.hqx>>

Use Your Newton As A Pc Tablet

Paul Cimino <cimino@mdso.vf.ge.com> has just released a new free utility available for the Newton PDA -- Mouse v1.3 -- a graphics tablet emulator. It converts the Newton into a pen-based 3-button serial mouse. All that is required is null modem cable and a PC that supports a 5-byte serial mouse. Serial mouse device drivers for PC-DOS and Amiga DOS provided. You should be able to find Mouse at the popular Newton FTP sites.

Silverware Shipped Moreinfo 3.0

SilverWARE Computer Software is now shipping MoreInfo 3.0 for Newton 2.0. MoreInfo is an integrated contact manager which seamlessly extends the Newton's built-in applications. MoreInfo links all of the Newton's built-in pieces of information to any person or company in your Names File. With MoreInfo, you can link meetings, events, To Dos, calls and ANY piece of Notepad stationery to any given person or company. MoreInfo 3.0 will sell for US\$69.95+S&H. Registered customers can upgrade for US\$40. A demo version of MoreInfo 3.0 is available on major online services and Newton FTP sites. MoreInfo 3.0 has a minimum memory requirement of 200K of free storage space and 6K of heap space. MoreInfo 3.0 requires Newton 2.0 operating system. For more information you can call

SilverWARE at: 508.521.5262; or email: <info@silverware.com>; or URL: <<http://www.silverware.com>>.

Iambic Shipped Action Names 3.0

Iambic software has begun shipping iambic Action Names version 3.0 -- a major upgrade to their address book and calendar add-on package for the Newton. Action Names 3.0 goes beyond the limits of the built-in features of the Newton PDA with a series of add-in modules designed to make managing ones schedule both easier and better--right out of the box. Changes made from version 1.1 to version 3.0 include better daily and weekly agendas, more and improved contact management features, and vast speed and ease of use improvements. Action Names 3.0 retails for US\$59.95, and comes with an unconditional ironclad 30-day money-back guarantee from iambic Software. All registered owners of version 1.X can upgrade to version 3.0 for US\$39.95 by contacting iambic Software directly. For more info contact iambic by phone at: 1-800-730-5370; by email at: <info@iambic.com> or on the WWW at: <<http://www.iambic.com>>.

FCXfer: Transfer Utility For Flashcard

Jeff Schlimmer <schlimme@eecs.wsu.edu> reports that to import and export decks for flashCard, you need fCXfer -- the flashCard transfer utility. With fCXfer you can author text-only decks on your desktop computer and download them to Newton. You can even upload text-only flashCard decks already on Newton to archive them or share them with friends. Any graphics in the question field of a card will be lost, but all text in the question can be transferred. fCXfer supports cross-platform communications to any computer that can make a simple serial connection. This includes Macintosh, MS DOS, Windows, OS/2, and many others. To get the English versions of this software check out: <<ftp://newton.uiowa.edu/submissions/FCX03E.SIT>> For more info, please consult the flashCard WWW page at: <<http://www.eecs.wsu.edu/~schlimme/cpts350/flashCard.shtml>>

New Backdrop Utility

Stand Alone <info@standalone.com> has released Backdrop Plus -- a replacement backdrop application for the Newton. Backdrop Plus replaces the NotePad as the background application, saving as much as 10k in heap usage; and also has the following features:

- Allows the user to quickly access any installed application on the Newton via it's Icon Dock and App List.
- A user can quickly drag and drop icons from the extras drawer onto Backdrop Plus, where they will appear at the bottom of the screen.
- Simply tapping on an icon will launch the application, un-freezing it if necessary, and re-freezing it when it quits, if applicable.
- There are built in buttons to open the NotePad, open a quick note, rotate the screen, open the extras drawer to a particular folder, restart the Newton, or do a garbage collection.

Backdrop Plus also serves as a digital business card, displaying the user's name, company, and contact information. In addition, at the top of the screen is displayed the current time and date, the current free heap, and battery level. Backdrop Plus is US\$25. A demo version has been placed on most of the online services and various Internet sites. For a more in depth description, see the Stand Alone World Wide Web page at : <<http://www.standalone.com/newton/products/backdropplus.html>>.

GPS Newton Tools News

Gerd Staudenmaier <100667.17@compuserve.com> or <sgerd@eaws7.dofn.de> recently posted an updated information document about his GPS Map utilities for the Newton -- 'GPS_News'. The file that NewtNews found was via FTP in the /submissions directory at NEWTON.UIOWA.EDU. The document is dated 04Feb96 and has a complete detailed look at version 1.4 of GPS Map (includes screen shots from the Newton). New features include:

- support for Newton 2.0
- more map viewing features
- the ability to invert a route
- improved NAV data viewing
- additional map creation and importing tools

Notion 1.5 Is Now Shipping

PelicanWare is now shipping Notion 1.5 -- the latest version of "Notion: The High Performance List Manager for Newton 2.0." Notion 1.5 is "faster, smaller, and more flexible" than previous versions, while still retaining Notion's "power and ease of use." Version 1.5 also adds direct data exchange with desktop applications through Notion Connect, a new Notion Extra. Notion Connect supports import and export of tab-delimited text. Other new features in Notion 1.5 are:

- Smart name fields, which integrate with Newton's built-in Names file.
- Integration with Newton's Dates and alarms.
- List Designer is included.
- Drag-and-Drop text import.
- Adjustable list font size.
- Online help.

Notion 1.5's suggested retail price is US\$59.95. Existing Notion users can upgrade for only US\$25+S&H directly from PelicanWare. For more information send email to: <DonV@eworld.com> or <donv@pelicanware.com>, WWW: <<http://www.pelicanware.com/~bettes/>>, FAX: 503.221.8709, or VOICE: 800.655.6398.

Newton Press For Mac Ships

Apple is now shipping Newton Press for Macintosh to customers worldwide through Apple authorized resellers. Newton Press makes it extremely easy to create Newton Books from your Mac OS computer. The easiest way to use Newton Press is to just drag-and-drop text into Newton Press or drop files in the Finder on the Newton Press icon. Newton Press uses the Claris XTND technology to process a large variety of documents (but not Word 6 or Excel 5 files?). If you have ever used the Newton Book Maker 1.1 (part of Newton ToolKit 1.6), you will know that it is not at all easy to make Table of Contents and hypertext links. Newton Press solves this problem by making it as easy as pointing and clicking to create chapter/section headers and hypertext links. Newton Press for Mac OS is priced at US\$69. A prerelease version of Newton Press for Windows is expected to be available free of charge online in the first half of 1996. You should be able to get more info at the Newton WWW page at: <<http://www.info.apple.com/newton>>.

Score Tennis Matches

Matt Washchuk <mwashchuk@gatecom.com> has released Match Book - a full featured freeware tennis match charting program. It is currently the only way to chart matches in tennis on the Newton. Future versions will include a running score board and pop-up court diagrams to point to where a winner or unforced error takes place. Match Book 1.0 is available at on popular Newton FTP sites or it can also download it via Matt's WWW pages at: <<http://www.gatecom.com/~mwashchuk/newton.html>>.

Jig! Game Has New Life

Scott Shwartz <sshwartz@sw.pensee.com> has announced that Pensee Corporation has released a new version Jig! -- the thinking person's computer game for Newton. In Jig!, you and your Newton (or another player) take turns placing tiles, which must fit as if in a jigsaw puzzle. When you match symbols, you capture the other player's tiles. The winner has the most captured tiles when the board is full. It's the perfect game for when you have to wait 5-10 minutes. Playing one-on-one, you and your opponent can see the tiles in each other's hand. So as you maneuver your pieces to bond and take another piece on the board, your opponent will be studying future moves--to block, to take, or discard and re-deal. Scheming is the key to victory. Jig!

is now being published by Dubl-Click Software <<http://www.dubclick.com/>> and distributed on-line through Software UnBoxed <<http://www.unboxed.com/>>. The software is compatible with Newton 1.0 and is Newton 2.0 savvy. Pensee Corporation is the developer of such products as Newton Press for Macintosh, the Newton Book Reader, Newton Outline/CheckList and ToDo list (all part of the Newton 2.0 ROM), Newton Book Maker, ACT! for Newton, and a great number of content titles. For more information see their WWW site at: <<http://www.pensee.com/pensee/>>.

New Beta Of Time Of The Month

Wendy Stevenson <WStevenson@eWorld.com> has made Beta 1 of Time of the Month (TotM) 1.3 for Newton 2.0 available for download from her WWW site at: <<http://infoweb.magi.com/~burroak>>. This is a Newton 2.0 version of Time of the Month, and includes some features that were either (a) difficult or (b) impossible to do with Newton 1.x. TotM allows a Newton user to print "month view" calendars, including drawings and meetings & events from the built-in calendar. Of particular interest:

- landscape mode printing
- print formats added to the built-in calendar, which will import a month of meetings into Time of the Month and print it, without actually having to enter TotM (only available to registered users).

More Cool Stuff From Catamount

Catamount Software has released the following new Newton solutions:

EMAIL SERVICES FOR NEWTON 2.0 -- is ideal for corporate users. For example, if Mary works at Apple he might have hundreds of contacts in Names of fellow employees. Instead of entering "bob@newton.apple.com" Mary enters "Bob" and sets the email type to "Newton" which Mary has already created. The next time Mary sends an email message to Bob "@newton.apple.com" will be appended and sent to him. This saves times and storage space.

PLAIN JANE, VERSION 1.1 -- allows you to enter address, city, state, zip, country, email address and notes all on a single screen.

PHONE SERVICES FOR NEWTON 2.0 -- allows you to Edit the existing popup for Phone types to add your own custom types. Some types that you might want to add are "Technical Support", "Vacation", "Boat", "Parent's"

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

More Quality Shareware Released

Thorsten Lange <Thorsten_Lange@magicvillage.de> reports that he has uploaded two packages to newton.uiowa.edu and ftp.amug.org:

- i++ v1.11 (Newton 2.0 only) [as [ipp_111e.sit.hqx](#) & [ipp_111d.sit.hqx](#)]
- AddressAccess v1.50 [as [AddrAcc_150e.sit.hqx](#), [AddrAcc_150d.sit.hqx](#)]

With i++ you can extent/customize the menu shown when tapping an "i-Button" present in most 2.0 applications. Menu items can be included to open applications (without opening extras) or to invoke other special actions (like changing the screen orientation). New with v1.11 is:

- frozen packages are activated on the fly and refrozen after usage
- Newton-books can be included in the menu
- i++ can be extended by other applications (i.e. AddressAccess uses this feature)

AddressAccess v1.50 is a major update that replaces the built-in names app. It still provides an easy and efficient interface to the cards stored in your Newton: while entering the beginning of a name (first, last or company) with the on-screen keyboard an overview of matching cards is display in the middle of the screen. On top the first matching card is displayed in a special layout. New with v1.50 is

- Support for Newton 2.0
- Editor for comfortable adding/changing cards
- Brings a lot of Newton 2.0 names-fields like multiple addresses/emails, 10 custom fields,... to Newton 1.x in a 2.0-compatible way (transfer an "extended" 1.x card to Newton 2.0 and the additional data will be recognized by the system).
- Adds special actions to i++: (i.e. add a new card from the i-menu) and many more features.

New Game-Related Utility

St. John Morrison <morrisoj@post.drexel.edu> has announce the shareware release of LifeKeeper, a game-related utility for the Newton. LifeKeeper is designed for use with Magic: the Gathering, the popular collectable card game from Wizards of the Coast. One of the bookkeeping duties in the game is keeping track of "life points." Previously, gamers have used dice, coins, pencil and paper, or beads to track this score. LifeKeeper allows you to use your Newton. It supports operating systems 1.x and 2.0, and stores user information between runs. It's only 11K when stored on the Newton, and takes up approximately 276 bytes of heap. The program is available from: <ftp://newton.uiowa.edu/submissions/lifekeeper-10-sit.hqx>

Hangman Gets Major New Features

Jeff Schlimmer <schlimme@eecs.wsu.edu> has announced version 2.1 of hangMan -- the free word guessing game. hangMan 2.1 remains Newton 1.x compatible and Newton 2.0 savvy; and includes the following new features:

- Guess phrases.
- Multiple dictionaries.
- Randomly select dictionary and word to guess.
- Accepts auxiliary buttons (Newton 2.0 only).

HangMan 2.1 accepts new dictionaries as Newton packages or using the free hangMan Transfer Utility (HMX). HMX allows you to transfer hangMan text dictionaries back and forth between Newton and a desktop computer via a serial connection and a standard terminal emulator. To get the English version of hangMan check out: <ftp://newton.uiowa.edu/submissions/HMAN21E.SIT> For more info, please consult the hangMan World Wide Web page at: <http://www.eecs.wsu.edu/~schlimme/newton/hangMan.shtml>

New Version Of Transform

Jeff Schlimmer <schlimme@eecs.wsu.edu> has announced a new version of transForm -- the Newton-based forms and data collection tool. transForm 0.33 adds the following new features:

- Supports Newton 2.0 rotation
- More than 10 items in choice lists
- Multiple-page printing
- Miscellaneous defect fixes from transForm 0.32

Jeff recommends that all users upgrade to Version 0.33: <ftp://ftp.eecs.wsu.edu/pub/newton/TFOR33E.HQX> For more information about transForm or transForm Transfer Utility, please consult the transForm World Wide Web page at: <http://www.eecs.wsu.edu/~schlimme/newton/transForm.shtml>

New Newton Developer Tools

Creative Digital has announced the immediate availability of the following high quality and very useful developer tools that are Newton 2.0 savvy: Ricardo Martinez's Ragout (Ragu') 2.0 -- a soup tool, designed for Newton developers, consultants, and power users. Incorporating an intuitive, easy-to-use interface that displays all essential soup information. With Ragout you can:

- Create, delete, copy, and move soups;

- Add and remove soup indices;
- Delete all entries in a soup or index;
- Create multiple copies of a soup entry, a feature that is particularly useful for sizing potential soup structures.
- Fax and print soup information and entry details for documentation purposes;
- Beam soup entries to another Newton.

Jason Harper's ViewFrame 1.2 -- a Newton-resident debugger and browser that lets you do things you can't even do with the Inspector. You can browse an application's complete object space, examining and modifying almost all objects in that space in multiple formats, without tying up the Newton's serial port. ViewFrame has a unique additions architecture, which uses auto parts for related groups of functions, so that you can load just those commands you need, minimizing memory use. For exact pricing and ordering info please contact Creative Digital by email at: <cdi@cdpubs.com>; or by phone at: 415.621.4252; or on the WWW at: <http://www.cdpubs.com/~cdi>.

PinPoint: Smart GPS & Direction

TeleTypesetting Company <pinpoint@teletype.com> is developing a customized interfacing software for their newly developed PinPoint (Personal Instrument Positioning Interface) personal GPS. The goal is to created a Newton equipped with GPS software and moving map software to perform as a powerful tool for anyone who drives. A special add-on package will be available for aviation pilots. PinPoint is also working on a GeoWorks version. PinPoint is expected to begin shipping by 15Feb96. Moving map software, cities database with smart Garmin GPS and antenna will list for \$495. Aviator Assistant software will list for \$95. You can also get more info by call: 617.734.9700 or faxing: 617.734.3974.

FreeStyle Demo Is Available

Ilya Poluektov <ilyap@paragraph.com> has announced a demo of FreeStyle, trainable handwriting recognizer released by ParaGraph International, is available at: <http://www.landware.com/freestyle.html>.

Digital Gourmet For The Newton

The award-winning CD-ROM Digital Gourmet is now available for use with the convenience and portability of the Newton. This version of Digital Gourmet contains over 200 recipes, from traditional New England favorites like Boston Baked Beans and Clam Chowder, to mouth watering international dishes from Italy, such as Spaghetti alla Carbonara and Vegetable Lasagne. Other favorites include Barbequed Shrimp, Grilled Pepper Salad, Chicken Chop Suey and Grandma Wiard's Apple Pie. Digital Gourmet is also customizable, so you can create and add your own recipes. The suggested retail price is \$49. For more info contact the Books-On-Disk Division of the TeleTypesetting Company by phone at: 617.734.9700 or by fax at: 617.734.3974. You can also reach them on the Internet using this email address: <gourmet@teletype.com>, or by visiting this WWW site: <http://www.teletype.com/users/products>.

Admin Stuff

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
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Products/Services

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.

MoreInfo 3.0 for Newton 2.0: the acclaimed integrated contact manager has been totally redesigned for the new operating system. MoreInfo seamlessly integrates the built-in Names, Dates, Calls and Notes applications. It allows you to link meetings, events, To Dos, calls and any Notepad stationery to any name in your Name File. From SilverWARE for \$69.95+S&H, at: 508.521.5262 or <info@silverware.com>.

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

BILLS TO PAY PRO 3.0 IS HERE! New for NOS 2.0, includes support for stationery, enhanced overview, new printing options and much more! **BILLS TO PAY PRO** lets you easily track bills and expenses; create budget projections; and set alarms to remind you of bills coming due. It's fully customizable, and interfaces with PocketMoney. \$39.95+S&H Contact: MAR Software email: <EdMartin@eWorld.com> Phone: (510) 337-0231.

Custom NEWTON BOOKS - Rare White Tiger Creations provides Newton Book publishing services. NEW! Look for the FREEWARE Newton Book version of "Legends and Myths of the Sioux" (sioux.sit.hqx) at the Newton FTP site <ftp://newton.uiowa.edu/submissions>. For more information, send email to: <rare.white.tiger.creations@pobox.com> or check out the following Web page: at: <http://pages.prodigy.com/CA/mrh/rwtc.html>.

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

PDA Panache crafts fine stylus upgrades for your Newton that are the ultimate in writing comfort and control with screen-safe tip guaranteed for life. Custom designed pens for vertical applications also available!

- Gold or Silver Plated Finish Brass Telescoping Pen for MP110 & MP120. MP100 and other PDA pen upgrades also available.
- Pocket styli of the highest quality. Beautiful and functional classic shape writing instruments.
- Lighted pens! A quality pen with an LED light in the tip.

More information or Visa/MasterCard orders at: 1.800.270.7196, FAX: 516.467.6329, Int'l: 516.467.4042, or email: <PDAPanache@eworld.com>.

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

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. Integrated utilities provide all the tools to manage your Newton. Install more applications, perform system diagnostics, edit soups and more! Includes a customizable ButtonBar, Package Tool, Memory Tool, Soup Tool and Soup Editor. Ascribe Software: \$49.95 plus S&H. Email: <ascribe@eworld.com> WWW: <http://www.ascribe.com> ## Dealers/Orders/Info: 800/732-8608 ##

AWESOME NEWTON SOLUTIONS FROM LANDWARE. All are Newton 2.0 compatible.

- proCALC Ex: Programmable w/ SAN & RPN, includes: proCALC 12c.
- Quicknames Pro: Rapid access to names and much more.
- KwikMenu: the Newton dashboard, includes GestureLaunch Lite.
- NewtPaint: "MacPaint" on your Newton, w/zoom-in and screen shot.
- Sync+: Dates to Schedule+ 1.0 or 7.0

More info: 201-347-0031, <sales@landware.com>, <http://www.landware.com>

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

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

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

STAND ALONE offers a variety of Newton applications for Newton 2.0:

- PACKAGE POPUP: instant access to all your packages, launch with a tap, automatically thaw and re-freeze. \$15.
- SECURE-A-NEWT: Password protect folders in your NotePad, Names, and Extras Drawer. Protect your info from prying eyes. \$20.
- KEYMAN: Adds function keys, a multi-function calculator, and a new keyboard designed for one-fingered typing. \$20.
- NOTEMAN: Instant access to the NotePad from any package. \$10.
- BACKGAMMON: The classic board game, brought to Newton. \$20.
- SUPER SORTER: Fast, Usable list management, featuring fully expandable and customizable list creation and editing. \$20

For information about any of these or other Stand Alone products, contact us at: <info@standalone.com>, or (312) 262-5150. Also check out our Web site at: <http://www.standalone.com/newton>.

NEWT CASE 3.0 IS HERE! New version for Newton 2.0, includes SleepAid, GestureLaunch, NewtInfo and SoupKitchen with three new packages. Desktop, a replacement backdrop; Package Manager, and Extensions Manager. Enhances the Extras Drawer too! Order now, just \$49.95 (upgrade for \$20) plus S&H. Order from PelicanWare 800/655-6398, 503/221-

1148 or <pelican@newts.com>. More info: <<http://www.newts.com/>> - The Ultimate Newton Utility Suite-

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

A collection of **erotic stories** for the Newton is now available. Subjects cover the same range of interests as other popular 'Letters' columns. NewtNews readers receive a special price of \$10 (reg \$12) for each collection. Choose from 5 different collections. BigToy Publishing, P.O. Box 2126, Los Gatos, CA 95031 - <MarcJ512@aol.com> Please specify Mac or Win, and include a note that you are over 18.

Create Newton Books with text, graphics, hyperlinks, tables and forms from HTML with **Newt's Cape**. NOS 2.0 compatible. Browse web pages via email. Customize behavior with embedded NewtonScript. Convert/transfer graphics (Mac or Win) to Newton format. Save books as packages directly on your Newton. For info email: <grs124@psu.edu>, <weyer@netaxs.com>, or <<http://www.netaxs.com/~weyer/newton/newtscape.html>> - Shareware: \$38.50.

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.

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