



GET INFO

June 2003

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Programs:

This month:

**Blogging on our New
TMUG Server**

Speaker: Phi Sanders

July:

Genealogy Research Online

Your ancestors await, but where? Take a tour of the Internet to see where and how you might find out about your family line. The trip will include usable sites, cautionary ones, and sites to avoid. Then see the software which organizes the information you find: "Reunion" it's about the best there is in genealogy programs, and it's only available for the Mac. Melanie Crain and Steve Fisher will present the program.

Email: editor@tmug.org

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Prez Sez

Blogging, Real Life, and the Internet as an Information Resource (part 1)

Our meeting topic this month is blogs. The term comes from "web logs" and, as is usual for computer terms, it was shortened in use to a single syllable. A blog is a web page that lists articles by one or a group of people with similar interests. It can be on a narrow subject, or may be as random as the mind of the writer's thoughts. Each one is individual. They may contain links to articles the author found interesting, or may just contain clippings from said articles. Many are just chronicles of the bloggers life, loves, and other mysteries. Made public. On a regular basis.



Some blogs allow others to comment on them, and the discussion can branch far from the original topic. Usually they are listed in reverse chronological order, with the most recent posts coming first. This can make them annoying at times for many readers, but it's similar to walking in on a conversation: you either hang around (i.e. continue reading future posts) until you understand the gist of the information, or find out what's happening (either by asking or by reading earlier posts). It's much like coming into a TV show after the first commercial: if you don't have TiVo or similar, you have to rely on getting the part you missed during the next commercial from those who were watching. But then you can keep up for yourself, if you decide you want to continue with it.

There are blogs on subjects from airplane travel to Zen and everything in between. Blogs have been covered by folks like Steven Levy (Newsweek, <http://www.msnbc.com/news/795471.asp>), who actually wrote a blog about researching blogs. While he was doing this, one of his research assistants contacted someone who writes a fairly popular blog for an interview and was subsequently put on their blog. When that post was noticed by another staffer, it was, of course, blogged on the main article blog. Are you confused yet?

Along with this phenomenon are two things that are causing a bit of buzz about the blogging process in general. The first is, blogs about blogs about information tend to give that information at a higher "hit rate" on search engines, and thus, to give an aura of importance to things that may not truly be important. (Of course, the bloggers often state that their bringing the matter to the public consciousness makes it important and is the 21st century kin to pamphlets and broadsides that were printed and distributed freely in times past. Hmmm...)

Secondly, if you're a friend of a blogger, are you ready to have your whole relationship end up as fodder for everyone to read? Should you have potential dates sign non-disclosure agreements before heading to the movie? What do you



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All members are invited to the following:

Palm Computing Special Interest Group (Triangle Adherents of Palm Information Technology — TAPIT)

Meets on 3rd Mon. at Dakota Grill in Cary
Smythe Richbourg (palmnews@tmug.org)
http://tapit.interpug.com (map on page 7)

—and—

Digital Photography Special Interest Group

Meets on 1st Mon. at Smythe's office (see
map and weblink on page 6)
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(midyette@nc.rr.com) 919-785-7185

TMUG Hotline 919-833-8501

TMUG Website www.tmug.org

do if you find out your date from the previous weekend was written up like a bad movie review, with you playing the villain, and there are dozens of people commenting on your life in real time? Imagine—you call, and tell them to cease and desist. That gets blogged. You call your lawyer, who contacts the person. More grist for the mill. Noticing a pattern here? Is this first amendment material? You bet! They could complain to those same people in a coffee shop after you part company on your date, and be overheard, and you'd never have found out. Locker room talk has been going on since the first Olympiad, I'm sure. But it was never archived and searchable from anywhere on the planet with a phone line. That makes a difference. And to some, the difference is as plain as the difference between slander and libel.

Just some stuff to think about, as we move into this new world with our web site. One good thing has come of this: the courts have held the server owners harmless in the event of legal action since they are acting as impartial conduits for the information. I hope we don't get quite that cutting edge in our blogosphere, but I also hope you'll use this new tool to enhance your membership and your Mac experience.

I'll talk about Internet searching and blogs next month. Have a good 'un!
Smythe

Perhaps everybody knows this...

by Alec Whittaker

I often need to cut and paste from a web page or email which has odd line lengths and find that copying into another document such as an AppleWorks page ends up looking like this.

A quick fix in AppleWorks is to go to the AppleWorks Tool Bar at the top of the window. In AppleWorks v. 5 and 6, there is a button which turns the Invisibles on and off. The icon for the button looks like editorial paragraph signs (or it looks sort-of like two strange Greek pi letters). Click on the icon.

Now the invisible spacing, tabs, and returns show as symbols throughout your document. The carriage return symbol of a return arrow will show at the end of each line. Select one, copy it to the clipboard, and paste it into "Find/Change." It will appear as /p.

Type a space into the "Change" space and "Change All" will then restore the wrap-around of a normal word processing document.

If the document is a long one, it is usually worthwhile to first add some symbol such as * or # to the end of each paragraph before deleting returns and and, after eliminating returns, restore those at the end of each paragraph by another "Find/Change."

Call For Copy

Did you ever want to see your name
in print?

Then submit a photo or a short (or long) article to
editor@tmug.org by July 3, 2003!



May Meeting Highlights

by Frank Crigler

In a word or two, it was a long evening but one jam-packed with cool software and interesting stuff to buy (much of it way beyond my means, but then so are my favorite sports cars). Francis Shepherd's survey of Final Cut Express was breathtaking, a Jaguar that screamed for a test drive. But Phi Sanders' stroll through the Music Store of iTunes 4.0 was more my Subaru style—gee, I could buy a top-quality, eight-minute movement of a Beethoven piano sonata, recorded by a big-name artist, download it legally, and play it guilt-free for only ninety-nine cents!

The Warm-up

Smythe Richbourg presided and introduced the usual TMUG suspects, including the valiant Get-Info editorial team (who won a burst of applause for having produced a polished newsletter in time for this month's meeting, after a difficult editorial transition period). Then VP Chips Chapman previewed upcoming meetings: in June, an introduction to the new online pastime called "blogging" by Webmaster Phi Sanders; and in July, a primer on genealogy research via the Internet by newsletter editor Melanie Crain.

(All the while, just behind Chips' shoulder, Francis Shepherd was producing on-screen what would have seemed a miracle just a few months ago: downloading massive files from his computer at home onto the Mac he would later use for his presentation. Amazing!)

Smythe invited our resident Apple specialists and consultants to take their monthly bow. Included were: **Colin Cannell** (Net Friends Inc. [<http://www.netfriends.net>]) who was TMUG's hardworking public domain software librarian a short time ago. He now runs a small company (13 people) that "fixes things" for Duke and other area clients. Colin's outfit is looking to hire another Mac specialist with OSX expertise and, ideally, with server experience. Send e-mail to colin.cannell@netfriends.net. **Paul Scandariato** (Intelli INnovations [<http://www.intellisw.com>])—software development specialist. **Chips Chapman** (Mind's Eye—Burlington) no web site **Del Macoste** — phone (919) 452-1076. And of course **Bob Chandler** (MacVantage)

The Latest Hits from Apple

Then came Phi's turn. Like Sergeant Joe Friday, he billed it as an opportunity for all us habitual felons to get right with the copyright laws and still enjoy our tunes. Version 4.0 of iTunes, he said, made it easy and cheap to go straight, allowing us to download songs by our favorite musicians from an extensive and fast-growing array at

Mother Apple's Music Store [<http://trailers.apple.com/music/store/>], totally free of copyright concerns—well, almost totally, so long as you shared them for free with no more than two or three friends.

In fact, it's the Music Store that makes iTunes 4.0 essential: to get in the door, you need to download the free upgrade so that it pipes directly into your existing iTunes library and playlist (I didn't see any room there for a pipeline from Amazon.com, but that's not where it's at—so far, anyway.) Once you're inside, you can do as Phi does: look for his latest favorites by Nina Simone ("Wow, imagine going out and getting legal on Nina Simone!"). Or you can browse among over 200,000 songs, as this eccentric writer did, to see if there's anything by medieval superstar composer Hildegard von Bingen—and discover, amazingly, fifty-one of her top Twelfth Century hits listed there! Then you can listen to a 30-second sample of each one; buy and download any that you like, at ninety-nine cents each; or buy and download a whole album at a discount price. Phi found a Patsy Kline album he liked, with 22 cuts for \$9.99. (I chose Hildegard's "Canticles of Ecstasy" by a group called Sequentia: sixteen cuts, a total of about 72 minutes, also for \$9.99.)

As Phi noted, the Music Store has got to be a big hit for Apple, which sold a million of these 99-cent cuts during its first week. And while the audio quality of the downloads may not be "better than CD," as some have claimed, it's a whole lot better than MP3. But the whole system works much better via broadband; the 30-second samples aren't going to be very satisfying to those on dial-up connections.

Q&A with Bob Chandler

It was your faithful TMUG Secretary who got first crack at the Answer Man:

Q. Help! My little control gadget has disappeared, the little strip that rolls out of the left of my screen that I use to turn File Sharing and such off and on. What's happened?

A. So, Frank has lost his control strip and is out of control. How does he get it back? In OS 9 (which Frank's using), go to Control Panels, find the control strip control panel, and if it's turned off, click the radio button to turn it back on. If that doesn't work, try trashing the control strip preferences file. The control strip, as it happens, is a mercurial feature of OS 9 and seems to turn off for no reason.

Q. I can't seem to print anything on the TMUG web site in Safari with my Laserwriter printer, even from Preview. Nothing happens. But I have no problem printing from other sites. (Another member: I had the same problem and had to go to Mozilla to print out directions to tonight's meeting. Maybe a bug with Safari.)

A. Seems to be a problem with certain printers in Safari and some other browsers and with OSX in general. Gimp

Print may be a solution [<http://gimp-print.sourceforge.net/>]. It's a UNIX way of printing, an alternative to the Apple printer driver. Make sure you send a bug feedback message to Safari.

Q. Can anyone compare Sticky Brain 2 [<http://www.chronosnet.com>] and iData Pro [<http://www.casadyg.com/products/idatapro/>] for building small freeform databases of personal information?

A. Both are small programs that don't have much following. What are others using? (Smythe: Palm Desktop [<http://www.palm.com/us/>]. It let's you attach freeform memos, and it's free.) Also, try the Address Book in OSX, also Now Contact and Up-to-Date [<http://www.poweronsoftware.com/>].

Q. I'm having trouble synching my Palm Trio with my desktop using iSync.

A. (Smythe: Don't do it for anything important!) Right. iSync is still in public beta, and there have been a lot of problems with it. I never play games with my personal information manager.

Is there a problem we can solve tonight? :-)

Q. My Go-to-sleep timer command doesn't work in OSX v.2. (Another: I have the same problem in OSX v.1 whenever I'm running Classic.)

A. One thing to check: go to System Preferences and check Log-in Items and see if there's anything that's starting up automatically and keeping your computer awake. There's been lots of problems with Sleep under OSX. In general, I don't encourage people to put their computers to sleep. What wears out a computer is turning it on and off, and putting it to sleep turns off the major components. Hard drives love to spin. What they hate doing is stopping and starting. So let the monitor go to sleep, but set the computer to stay awake. You can set that in the Energy Saver.

Q. I never had a problem with crashes during sleep under OSX 10.2.5, but under 10.2.6 it sometimes goes into a coma and I can't wake it.

A. Did you just do the software update to 10.2.6? Almost all the "dot" revisions have had something to do with Sleep. Go to Apple's web site and download the Combo Updater [<http://www.info.apple.com/support/downloads.html>]. It has all the revisions to date, and they're more stable than if you updated them one-by-one. You can even run it on top of the supposedly most up-to-date version.

Q. I'm running OSX v.2 on a beige G3 and it's running admirably. But it has an A/V personality card in it that I wanted to use for iTunes sound options, but nothing seems to recognize that card.

A. (After some discussion about getting sound in and out via video cards.) The answer's No. Video cards will just make matters worse. OSX is probably just ignoring those A/V ports and, eventually, serial ports. If those are features you love, well, your computer has just lost its personality.

Q. My wife and I both have Handspring Visors [<http://www.handspring.com/products/visorplatinum/>], and with OSX we're going to upgrade to either a Sony or a Palm. Which do you recommend?

A. If you like the Visor, you know you can take it to OSX. But what do others recommend? ("If you want a toy, get the Sony." "Actually, Sony's got a lot of real cool stuff." "If the sun comes out and it's really bright, you'll want to have a Palm.")

Q. I'm looking for a different way to do a professional newsletter web site, and I like Your Mac Life's site [<http://www.yourmaclife.com/>]. I gather they're using MySQL and Movable Type. Is this worth pursuing? Currently I'm using Adobe GoLive.

A. Movable Type is a "blog" system, and MySQL is a database. So their site is what's called a database-driven site, which means the content can be easily updated or changed around. But it also means there's significant front-end programming to make it look pretty. You may be in the market for a web design firm. Any represented here tonight? Net Friends does that. Also, David Minton works with a company called DesignHammer which, besides having a cool name, does very good work like this—the TMUG site, for example.

Q. This beautiful 17" machine does almost everything right, but sometimes its hard drive spins up to quite a high volume for no apparent reason for a minute or so.

A. So, let's get this straight: you have a 17" Powerbook and you're here tonight complaining? Are you sure it's the hard drive? Is it hot underneath? It sounds more like the fan. The hard drive runs at a constant speed, so if it's that, then you have a very serious problem. And usually it'll only make that sound once!

Francis Shepherd on Final Cut Express

Let's be honest: I didn't understand the first thing about Final Cut Express, the video editing program Francis Shepherd demonstrated after the break. And that was pretty disheartening, because I'd edited quite a lot of my own video ten years ago before my old 8mm Sony Handicam broke down (I've still got drawers full of those tapes, from all over the world). But compared to the clunky three-machine editing system I used back then, the program Francis demo'ed might have been brought from another galaxy by Luke Skywalker. And the poor tapes I used to edit, if ever exposed to public view today, would curl up and dissolve in shame.

No wonder I was lost in despair at the start! The "first thing" Francis talked about was "DV" (say what?), which he said came in four flavors: Mini-DV, DVCAM, DVCPRO, and Digital 8. Among these, he said, Mini-DV "made the best sense"—unless you had cassettes to convert to digital, in which case Digital 8 was your best choice. (Huh?)

That last remark—the one about converting cassettes to digital—turned on a light somewhere near those drawers of video cassettes at home. Maybe “Digital 8,” whatever it was, could do something to help me salvage them. But just as quickly the light went out when I learned that Final Cut Express only worked with “digital video” (but . . . ?), which was considered “a very viable format compared to others.” (Bummer. Evidently my fabulous scenes of Africa would go on gathering dust.)

However, my disappointment turned to wonder and awe when Francis began showing what extraordinary editing could now be done by very ordinary camera shooters like me, with today’s digital equipment and the help of a program like FCE.

Instead of two separate monitors that had been so maddening to hook up and synchronize, Final Cut’s interface provided their virtual equivalent on one screen—one a “source” monitor, the other a “canvas” where you put together your edited work.

Instead of a third clumsy machine where you tried, over and over, to “splice” your images at just the right place and then lay down a sound track, Final Cut provided an easy-to-manage timeline tool for “scrubbing” through your video, fast or slow, backward or forward, adding or subtracting with pointer/clicker ease.

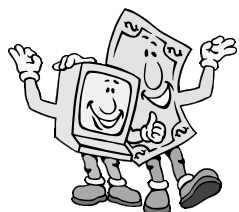
In yet another corner of the FCE screen was a “shelf” where all your valuable raw footage was stored, plus an incredible library of special effects, a browser to help keep track of your media, special effects you’ve collected, etc.

And yet the screen was neat and tidy (believe me, nothing like the debris-filled cubicle I worked in) thanks to its “tab-driven interface,” whose tabs could either be dragged out as separate window or plopped back neatly into place.

And talk about powerful! Instead of my poor one-track video and a single audio overlay, or even iMovie’s two or three tracks, FCE could manage up to 99 tracks of video and 99 more of audio.

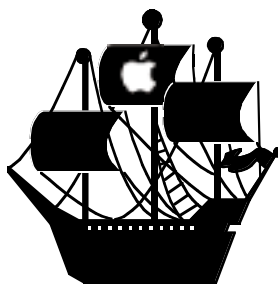
So now I’m thinking, “Wow, there’s gotta be something here for me and my treasure chest of old videos. Maybe that Digital 8, whatever it is, holds the key.” And then came that old, itchy feeling: “After all, Francis made clear that Final Cut Express will do nearly everything Final Cut Pro will do, at less than half the price. How can I pass up a bargain like that!”

And this from a guy who still doesn’t even own a working video camera!



TMUG Treasurer's Report 5/26/03:

Current balance in account: \$4,000+
 Current numbers of paid members: 120
 New members: 3 at \$35 each
 Renewals: all current members have renewed



FROM THE MOTHER SHIP:

APPLE USER GROUPS TMUGers Asked to Participate:

From the Apple Users Groups Network

The Zinio digital edition of Macworld is already becoming popular with readers. Macworld would like to find out if readers would be interested in purchasing a full year of Macworld digital issues on CD (including the newsstand-only special issues).

This would be the perfect way for readers to carry an archive of Macworld wherever they go. The digital issues are fully searchable, and would include a complete index to all the issues on the CD. Macworld might even do some back issues of previous years in the Zinio format if there is sufficient interest.

Please direct your feedback to Sharon at scordesse@macworld.com. For information on Zinio, go to: <http://www.macworld.com/2003/04/news/macworldzinio/>

Call for Volunteers

The Apple User Group Advisory Board and the Macworld Planning Committee are looking for some enthusiastic volunteers to help with user group activities at Macworld CreativePro Conference & Expo. If you are interested in volunteering, please send your request to ugab@mac.com.

Apple’s Resource Locator

The Resource Locator on Apple’s website is a great place for U.S. user groups to find the closest Apple resellers, consultants, trainers and service providers. The Locator also provides convenient links to more than a dozen Internet and catalog resellers; many of them sell internationally.

To use the Locator, click the type of resource you’re looking for. Then type in your address (city and zip code work fine) to pull up a list of providers in a given radius, complete with driving distance from your location. Clicking on the name of a reseller or service provider pulls up a handy InfoNow map. The Locator also helps find specialized resources for business, education and government users. Check out the Locator at: <http://buy.apple.com/>

iWeek Japan

Over 20,000 visitors took part in iWeek 2003, held in Osaka, Japan on May 3-5. Japan’s user group community played a major role in planning and implementing the hugely popular annual event, now in its fifth year.

Photos, links to participating user groups and an excellent article by User Group Regional Liaison Chise Majima can be found at: <http://www.ticce.com/iweek/index.htm>

UpToDate

Virtual PC for Mac 6.02

Connectix recently released Virtual PC for Mac 6.0.2, an update to the PC emulator for Mac. This update fixes Virtual PC problems with Apple's Airport Extreme card.

Revolution 2.0

At the end of May, Runtime Revolution released Revolution 2.0, a new version of the multiplatform development tool for Mac OS X, classic Mac OS, Windows, Linux, and Unix. Runtime Revolution says that with Revolution, developers can create software once to deliver on all the supported platforms. Revolution 2.0 is object oriented and supports XML, multimedia objects, and SQL database connections.

Login Problems in Mac OS X 10.2.6

Steve Maser found a workaround for the rare instance when someone has login problems under the newest system version. The login screen appears, password is entered and then Enter is pressed. About 5 seconds later, the login box reappears. None of the IDs can log in. Drive 10 repaired a problem with the drive but not the login issue.

I've seen this on rare occasions. For us, what happens is that the accounts dock.plist file got damaged somehow and certain OS updates seem to barf on this damaged file more than others and the user cycles back to the login screen (or worse—if the computer automatically logs in, then it cycles through the login process over and over.)

If the user can ssh into the computer, they should delete the file:

```
/users/<user>/library/preferences/com.apple.dock.plist.
```

They'll get back to the generic original Dock after doing this, but they should be able to log in. If they can't ssh into this, then they probably will need to boot from another disk to delete the file.

At Apple's Download Site

<http://www.apple.com/downloads/macosx/>

Demo of NASCAR racing 2003 Season

"It's door-to-door, bumper-to-bumper thrills..."

Transmit 2.5 (Shareware)

Drag and drop FTP client loaded with features

iTunes 4.01 (Freeware)

Adds the ability to share music within the same household, play and encode AAC files and view album art.

Speed Download 1.9.9 (Shareware)

Shatter download rates and maximize your bandwidth.

Optimized for Safari Beta v74

Safari Public Beta 2 (v74)

Improves Safari's validating the authenticity of websites that use SSL certificates

OmniWeb 4.2.1 (Shareware)

Full-featured native web browser

New at Version Tracker

Investor/RT 6.1.4—Real time charting & analysis for stocks/futures/options (Update)

FAXstf X 10.1.2—Fax communication software (Update)

FAXstf X Pro 10.1.2—Fax communication software (Update)

eBay Auction Manager 1.0—AppleWorks template to manage eBay info (Freeware)

CDFinder 4.1.2—Disk/DVD/iPod/MP3/AAC/Audio-CD cataloger (Shareware)

iBlog 1.3 B2—Desktop weblogging app with iLife integration (Beta)

Amadeus II 3.6 Direct-to-disk sound editor & analyzer with MP3 support (Shareware)

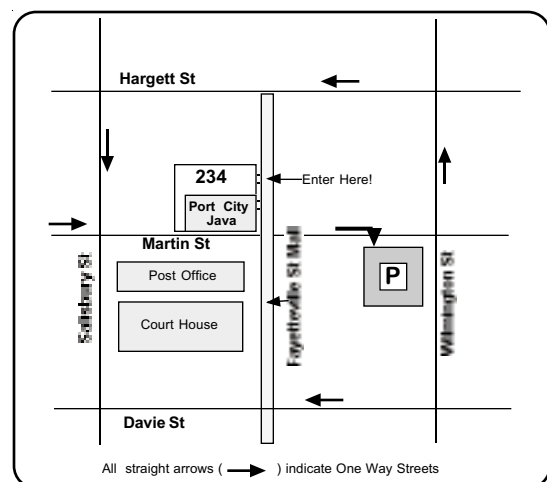
Mac OS X v. 10.2.5 Update CD

For those with slower Internet connection speeds, Apple is offering the Mac OS X v10.2.5 Update CD for \$19.95 in the U.S. (price varies in other countries). The CD is available from the online Apple Stores, Apple retail stores and from Apple software resellers. To find it on the online Apple Store, go to the home page and click on "Apple Software" under "Apple Products."

Digital Photography SIG Focuses on Summer Programs

This Special Interest Group has some fun stuff planned for summer! For their June meeting, 3 of the attendees wondered the Fayetteville Street Mall and snapped some great photos. They loaded them onto their Macs and critiqued them together. They also talked about Canon's Image Browser, Still Life, and Graphic Converter.

In July, they plan a more in-depth presentation on Still Life, and a slide show of the "Summer Photo Shoot." Note that the location for the summer months is shown below:



For more information, go to <http://sine.tmug.org/~smythe/digisig.html> or contact Lewis Midyette (midyette@nc.rr.com) 919-785-7185. Meetings are the 1st Monday each month at 7.

Lexicography in the 21st Century

His name isn't Daniel Webster; it's Denis Howe. And he created a dictionary which Webster could not: a Dictionary of Computing.



Howe explains on his website, <http://wombat.doc.ic.ac.uk/foldoc/>, that he began his on-line dictionary back in 1985. The dictionary has been growing over the past eighteen years to a present content of more than 13,000 definitions, most with embedded thesaurus-like links.

Here's a couple of examples:

clock rate <processor, benchmark> The fundamental rate in cycles per second at which a computer performs its most basic operations such as adding two numbers or transferring a value from one register to another.

The clock rate of a computer is normally determined by the frequency of a crystal. The original IBM PC, circa 1981, had a clock rate of 4.77 MHz (almost five million cycles/second). As of 1995, Intel's Pentium chip runs at 100 MHz (100 million cycles/second).

The clock rate of a computer is only useful for providing comparisons between computer chips in the same processor family. An IBM PC with an Intel 486 CPU running at 50 MHz will be about twice as fast as one with the same CPU, memory and display running at 25 MHz. However, there are many other factors to consider when comparing different computers. Clock rate should not be used when comparing different computers or different processor families. Rather, some benchmark should be used.

Clock rate can be very misleading, since the amount of work different computer chips can do in one cycle varies. For example, RISC CPUs tend to have simpler instructions than CISC CPUs (but higher clock rates) and pipelined processors execute more than one instruction per cycle.

IMAP <protocol, messaging> (IMAP) A protocol allowing a client to access and manipulate electronic mail messages on a server. It permits manipulation of remote message folders (mailboxes), in a way that is functionally equivalent to local mailboxes.

IMAP includes operations for creating, deleting, and renaming mailboxes; checking for new messages; permanently removing messages; searching; and selective fetching of message attributes, texts, and portions thereof. It does not specify a means of posting mail; this function is handled by a mail transfer protocol such as SMTP.

And for the unexpected . . .

mung /muhng/ (MIT, 1960) Mash Until No Good.

Sometime after that the derivation from the recursive acronym "Mung Until No Good" became standard. 1. To make changes to a file, especially large-scale and irrevocable changes.

See BLT.

2. To destroy, usually accidentally, occasionally maliciously. The system only mungs things maliciously; this is a consequence of Finagle's Law. See scribble, mangle, trash, nuke.

Reports from Usenet suggest that the pronunciation /muhnj/ is now usual in speech, but the spelling "mung" is still common in program comments (compare the widespread confusion over the proper spelling of kluge).

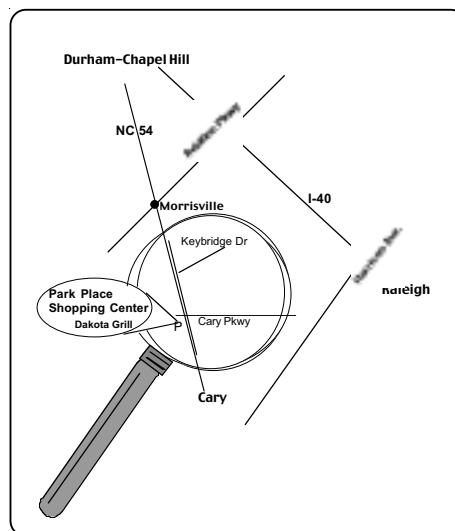
3. The kind of beans of which the sprouts are used in Chinese food. (That's their real name! Mung beans! Really!)

Like many early hacker terms, this one seems to have originated at TMRC; it was already in use there in 1958. Peter Samson (compiler of the original TMRC lexicon) thinks it may originally have been onomatopoeic for the sound of a relay spring (contact) being twanged. However, it is known that during the World Wars, "mung" was army slang for the ersatz creamed chipped beef better known as "SOS."

Speaking of hackers, go to the lexicon's website and put "computer geek" in the search box. The ensuing definition is not gracious or complimentary, but it certainly is hilarious.

If this dictionary is something you need or just want at hand twenty-four/seven, then scroll to the bottom of the homepage and get the Free Off-Line Dictionary of Computing. Next to your Webster's Dictionary, it should prove to be an equally good reference work.

Palm SIG (TAPIT) Now Meets at Dakota Grill in Cary



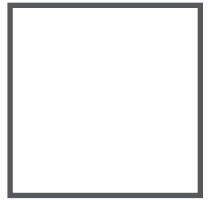
(Triangle Adherents of Palm Information Technology — TAPIT)

Meets on the 3rd Monday each month at Dakota Grill in Cary. For more information, go to <http://tapit.interpug.com> or contact Smythe Richbourg (palmnews@tmug.org)



Users Group

**P.O. Box 28623
Raleigh, NC 27611**



**first class
mail**

TRIANGLE MACINTOSH USERS GROUP

Membership Application

Membership & Directory

Membership Only

Renewal

Name: _____
Street: _____
Phone: _____
Business (if applicable): _____
City/State/ZIP: _____
Email: _____

Membership dues are \$35/year.
Make check payable to TMUG and send to:
TMUG - P.O. Box 28623 - Raleigh, NC 27611

Meeting Location:

We meet the second Monday of each month at 6:30 pm in the Auditorium of the NC Mutual Life building in Durham, NC.

If you're coming from I-40 in the Raleigh/RTP area :

Take 147 (Durham Freeway) to Duke Street.
It's a few miles from the intersection with I-40 to Duke Street...
The exit is just past the Durham Bulls ballpark on the right.
Turn right onto Duke Street, go to the first light, which is Jackson Street.
You will see the building on your right across the street.
Turn right onto Jackson, then immediately turn left into the lot and park.

When approaching the building :

Go down the stairs to the right, not up the stairs.
There is a security guard at the entrance.
Auditorium is on your right just off the lobby.

