SPAUG *PrintScreen*

Notes from the Prez
by Jim Dinkey

Recent events in New York prompt me to go back to a further clarification of the importance of BACKUP.

Normally I am so desperate to have people merely get the BACKUP accomplished that I despair at the concept of assuring that there is a copy off-site to take care of situations such as the catastrophe in New York.

There are going to be entire companies that will just disappear from the corporate world because, even though they might have been making BACKUPS regularly, they failed to get the records out of the building and they are lost forever.

The big companies use the services of Iron Mountain and Datasafe; most of the smaller ones fail to do even the minimum.

The question you have to ask yourself is: How much effort is it to give your data tape to a neighbor to avoid having to start over? We give it to a friend about three miles away on a regular basis.

Do you?

Planning Meeting Notes
5 September 2001
by Stan Hutchings

Members present: Jim Dinkey, John Sleeman, Bev Altman, Susan Mueller, John Buck, Stan Hutchings.

Upcoming speakers: Sept. 26 is Hank Skawinski; in October is PowerQuest; in November is Nancy DeBiccari; nothing is planned for December yet, but a social event or party is possible.

Jim Dinkey has received a replacement bulb for the projector, and he will practice replacing it.

Susan Mueller has found that using Lockheed's printing is a good deal.

Meeting Agenda.

7:15 "Boot up"

7:30 Announcements.

7:35 Guests introduction.

7:40 Random Access (Crosstalk)

7:50 Break

8:00 SPEAKER

9:15 SIG Reports

9:20 Raffle

9:30 Adjourn

General Meeting @ Elks Lodge - Wed. September 26 @ 7:15 PM
4249 El Camino Real - Palo Alto (directions on page 4)

(Continued from page 1)

The club membership is about 75, we're doing OK.

Marvin Kraft is doing a good job as publicity manager.

The WebSIG will meet at Jim Dinkey's on Sept. 11. The topic will be Microsoft FrontPage. The WebSIG will meet on Sept. 18th at Stan Hutchings.

Jim Dinkey would like to further compress the newsletter and get rid of redundant and repetitive material. Perhaps some announcements that now occur monthly could appear every several months instead, alternating with each other. Members having suggestions or criticisms of the newsletter should convey them to Jim Dinkey directly; he will then discuss them with the planning committee.

Smart Computing magazine will no longer give us cash when we direct a subscription their way. Instead, they will give a certificate of subscription, which can be given as a door prize or sold to members. Susan Mueller is working on a subscription order form that we can distribute at the general meeting.

Susan Mueller has lesson plans for Microsoft Word. She has offered to make them available to the club. How can we best use them? She does not want to lead a SIG. She will send the tutorials to Stan Hutchings and John Buck; Stan Hutchings will start a Word tutorial on our club web site. John Buck will consider how to add the material to our newsletter.

John Buck says the Netscape Smart Download is very handy when downloading large files.

★★★★★★★★★★★★★★★★★★★★★★★★★★★★★
General Meeting @ Elks Lodge
4249 El Camino Real, Palo Alto
September 26, 7:15 PM

Hank Skawinski,
Owner/Manager, Datawise

Speaking about Marketplace 2001
★★★★★★★★★★★★★★★★★★★★★★★★★★★★★

General Meeting Notes
August 29, 2001
by Stan Hutchings

Announcements:

- Elections will be held in November.
- The Web SIG continues to meet the Tuesdays when there's no following Wednesday SPAUG meeting.
- The local colleges and adult education courses will be starting soon, people interested in taking courses should look into the schedules and register now.

Crosstalk

Comment: demonstration disks seem to be causing problems. DLLs get overwritten, and other problems develop.
Suggestion: get the PowerQuest program GoBack; it requires a lot of space, but allows you to go back to previous good setups. That way, when a demonstration disk (or other malfunction) causes problems, you can go back to previous good setup. This requires a lot of hard drive space, but hard drive space is cheap now. And it sure beats the hassle of reformatting and reloading all your applications. Newer versions of Windows have a similar feature.

Question: when multiple-page e-mail comments, CompuServe does not put carriage return/linefeeds. I have to copy the text to Word in order to read it properly, is there a better way? **Answer:** perhaps it's time to change e-mail programs. Or perhaps CompuServe has a FAQ section or Customer Support to answer the problem.

Beverly Altman reports a **problem** with animated ads and pop-ups from Web pages. Isn't there a way to control these nuisances? **Answer:** there are several applications designed to control pop-ups and animated ads. Use these links to the freeware programs" "PopUp Killer", AdSubtract, and "AdAware" .

Presentation

Our guest speaker was Gilman Louie, who started his career at Spectrum HoloByte (known for various flight simulators, Tetris and other games), continued working at Hasbro when Hasbro bought Spectrum HoloByte, and then went to work for the CIA.

The company In-Q-Tel (the Q is from the character "Q" in James Bond movies) was started to get the best technology

into the CIA. In-Q-Tel is modeled like a venture capital company -- this was a new concept to government. You might ask, why did the government choose a "toy" person? Well, computer games are extremely complex technology: they use artificial intelligence, have a carefully designed user interface, often involve networking, push software and hardware to the edge, etc.

The CIA was started by President Truman to coordinate intelligence from all sources into one place. Today, information is once again fragmented, and there is lots more information, so there is information overload. There is dissimilar information distributed across dissimilar networks, networks that don't even talk to each other. In addition to text, multimedia adds orders of magnitudes of complexity.

The Federal government had an idea: develop a "skunk works", get about 300 smart people together, and let them develop new technologies in secret. This seemed like a good idea, and it had worked before (Manhattan Project, U-2, etc.) until they asked the major players of Silicon Valley what they thought of the idea. The advice was: you would never be able to hire people, and certainly not the best ones. The government could not offer sufficient incentive to attract the best people. There's much more money to be made developing products and selling them on the open market. Instead, the government formed an all-star Board of Trustees to invest about $40 million, to create a nonprofit organization tasked to solve the data overload problems. From 1998 to 1999 they created In-Q-Tel.

"Equity" was a key concept: get companies to solve your problems and let them get rewarded for it in the marketplace. It's a question of bureaucracy vs. "cool stuff". Most engineers and designers choose to do "cool stuff" and abhor bureaucracy. However, the CIA's problems are very similar to everyone else's. Everyone needs a good search engine to mine data; everybody is concerned about malicious code; everyone worries about cookies that track their movements on visited Web sites. The major difference is the cost of failure is extremely severe for the CIA -- it's a matter of national security.

Ten years ago, the bad guys were known (Russia, China) and there were rules that everyone followed. Today, it is a "pit of snakes", relationships change -- today's friend may be tomorrow's competitor or enemy. There are also non-state players, untrustworthy allies, etc. the problem is bad intelligence leads to bad policy, which leads to bad situations. Ten years from now it will be even more complex -- there will be biological weapons, chemical weapons, cyber attacks. In-Q-Tel will engage the best and brightest to develop technologies to defend against these dangers.

Bens.org has a report from Congress on how successful In-Q-Tel has been. Barron's magazine criticized the In-Q-Tel philosophy: the CIA was providing seed money, but $28 to $40 million is peanuts. However, results have been better than expected. Many high-tech companies tried to solve big problems as a challenge; for example, dealing with petabytes of data, extreme security challenges. Over 800 companies called In-Q-Tel and showed what they could do. Also, In-Q-Tel leveraged their choices by advising other venture capitalists which companies would be good bets. The most critical skills are knowledge management, sensitive and very tiny sensors, accurate search engines, defense against cyber attacks, etc.

The collection and evaluation of intelligence has been a slow process up to now. Collectors, otherwise known as spies, gather intelligence and pass it to analysts; analysts analyze the information, and send it to delivery persons, where it gets passed up the line to policy makers. In today's fast environment, the slow process cannot be tolerated; we need real-time services.

The criteria to determine if In-Q-Tel was a success, will be to look back from the future and see if the technology worked to improve intelligence processing and national security.

Question: if the CIA detected a threat, would that be announced to the general public? **Answer:** In-Q-Tel wants to encourage commercial uses of their technology, as off-the-shelf solutions, because it is cheaper and more efficient. The consumer market would be a beta test of the technology. In-Q-Tel investments are public knowledge; the investments are in startups and publicly held companies. Any profit will be reinvested, rather than paid to investors or returned to the government.

The companies In-Q-Tel is investing in are national, and even some international -- there are companies in Houston, TX, Denver, CO, Orlando, Florida, Utah, San Diego, New York, and some foreign countries. In-Q-Tel has nonpartisan support, both Republicans and Democrats are strongly in favor.

The technology to deal with meta-data is progressing. Meta-data is the kind of data that is collected by insurance companies, medical services, governments, etc. These huge repositories of information are getting shared and linked. People problems are more difficult, cultural challenges to unite and combine agencies, encourage sharing of information. Another problem is foreign nationals in companies in which In-Q-Tel invests. This creates a challenge and a grave concern. There are many foreign nationals working on H1B visas, who will eventually return to their home countries.

Questions and Answers

Name	Area Of Expertise	Phone	Hours	e-mail
Jim Bailey	DOS, quickbooks 6, Quicken 98	650 494 0631	9AM - 9PM	Jimby@pobox.com
Jim Dinkey	Win NT/Win 98	650 493 9307	9AM - 9PM	jimdinkey@jimdinkey.com
Bill Goldmacker	DOS	650 691 0911	6PM - 9PM	gold@svpal.org
Robert Mitchell	Win 95/98, MS Publisher 2000	650 941 5792	3:30PM-8PM	Rfmitch702@earthlink.net
John Sleeman	MS Publisher, UNIX, Fortran, Perl	650 326 5603	9AM - 8PM	sleemanj@earthlink.net

Arlan Kertz - "SPAUG 501(c)"

This is to remind you that SPAUG is a non profit organization registered with the IRS under Internal Revenue Code 501(c)(3). In this regard, your dues (except for $12 for the newsletter) are deductible. Also, any additional cash and or other non-business assets donated to SPAUG are also deductible.

Elks Lodge, 4249 El Camino Real, Palo Alto, CA 94306-4496

The Elks Lodge is at 4249 El Camino Real on the North side of the street, between Charleston and San Antonio Road, but very close to Charleston. It is next to Ricky's Hyatt House, which is on the corner.

Park your car in the parking lot at the front of the lodge, and proceed to the center door. This is a keycarded door so we will have someone at the door to let you in. Proceed to the Lodge Room straight ahead and to the left.

If you cannot get in the center door because you are late, press the wireless doorbell that will be in place for each SPAUG meeting, and someone will come to let you in.

Upcoming SPAUG Meetings

September: Hank Skawinski, Marketplace 2001

October: Gene Barlow, representatives of Power Quest (Partition Magic, Drive Image, etc.)

November: Nancy DiBiccari, GM of Micro Center

Anti-piracy in Windows XP to appear only in Consumer Version
By: Robert Mitchell

A while back, I read an article in the Wall Street Journal that Microsoft is only putting that anti-piracy junk into the Consumer version of the software and not in the version for Businesses. I guess that they don't trust us consumers. I think this will create a lot of headaches for those who put it on their existing Pentium II or faster Pentium III machines they have now and when they want to upgrade something like a hard drive, it will create headaches. I don't think upgrading a hard drive or video board is a crime. When I had my 5 gig hard drive fail last year, I decided to put in a bigger 15 gig model. If I would have had XP on my machine, this would have created a headache for me to call Microsoft just to get this little operation approved by big brother. I have heard about piracy stuff on Tech TV all the time about illegal copies of software. From this, I heard about all types of businesses are using illegal copies of software as well. This shows that businesses using illegal software are just as guilty as any consumer that makes illegal copies. Not every family out there with multiple machines can afford to spend a hundred bucks or so, for every machine they have . They will probably opt to keep what they have. I certainly will do that when the time comes to build a new machine. Every one knows it, that Microsoft favors Business over consumers. Not every Tom and Harry with a CD Burner will make illegal copies of software.

I remember the days of using the Apple II back in the early 80's, the copy protection made me jump through hoops just to use my software on the machine. After hackers kept breaking into the code, the software companies eventually gave up on anti-piracy crap and that was the end of it, this it what I though until now. I think Microsoft should have used the CD Copy protection Macrovision told us about at a meeting a while back that is transparent to the user and blocks users of CD Burners from making good copies. This makes sense, but what they are doing now is unacceptable.

When the time comes for me to buy a new computer, either a desktop of laptop, I will consider a Macintosh from Apple. They don't do this crap on their operating systems. They are much more friendly to consumers. They provide the same great reliable operating systems to both consumers and businesses.

Planning Meeting

Planning meetings are held on the first Wednesday of each month, usually at Beverly Altman's home at 7:15 pm. All members are welcome, and encouraged, to attend. Please phone Jim Dinkey or Bev Altman to confirm venue.

Next meeting: Wednesday, October 3rd, 2001 at 7:15, at Bev Altman's home.

Stanford/Palo Alto Users Group for PC (SPAUG) annual membership dues are $35, payable to SPAUG, at PO Box 20138, Stanford CA 94309-0138.

Please include your name and address, and optionally an e-mail address and any special interest group (SIG) you want more information about.

Questions? Call Beverly Altman (650) 329-8252 or Jim Dinkey (650) 493-9307.

Workshop on Building a Computer
by Stan Hutchings

How to buy components and put them all together - and WHY was discussed Saturday, August 18 @ 9:30 AM Jim Dinkey's house by Bruce Benz, a hardware integrator and internal consultant. Much wisdom was imparted.

Plan of presentation was:
- Lay out all the parts on a tabletop and give a minute blurb about each item.
- Talk a bit about why I [Bruce Benz] chose the parts I did; e.g., why Athlon 1.33GHz, MSI motherboard, DDR memory. Maybe a second or two about the hard drives, and CD-ROM drive.

Start the assembly process as follows:
- Motherboard Assembly:
  - On a flat place, install the processor, Heat sink + Heat spreader + Fan (plus Heat sink compound at the right time.) Then install the DDR RAM sticks, and explain why I do it that way.
  - Replace the power supply in the case with the larger one I bought (why did I buy it?)
- Case assembly:
  - Install the CD-ROM, Hard Drives, and Floppy drive into the case and cable them up and attach a power connector to each one.
  - Install Motherboard into Case and Describe What goes where and why, power connector, floppy connector, HD connectors, and CD-ROM.
  - Drop in Video Card (need that for basic bring up.—leave out other cards to begin with.)
  - Install the extra two wire cables for Power up, Speaker, Hard drive activity, and if supplied, the power on LED cable.
- Initial power up and test, correct faults

On August 16, Bruce Benz demonstrated how to assemble a computer from components. A group of about 15 SPAUG members watched with great interest and asked many questions.

Color versions of some of these pix are available on our website
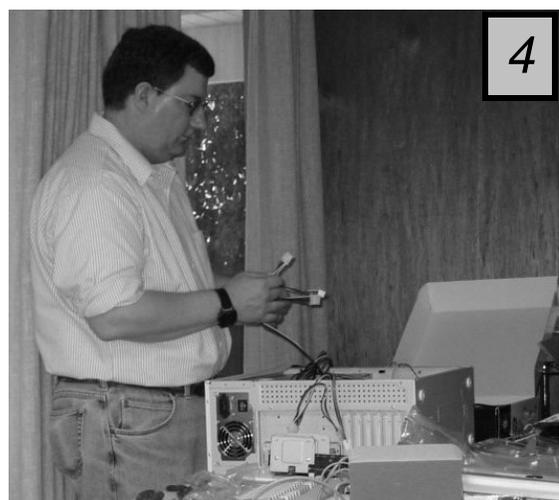
necessary. (what are we likely to run into as problems?)
- ○ Try out floppy drive, CD-ROM drive, Hard Drives (format drive).
- ○ Memory check. (Memory test)
- Once that is complete, final assembly, but leave off side cover for later access.
- Begin Loading Windows 2000 OS.
- Boot-up successful! Win2000 recognized all components and booted successfully.

Why did I do it?

Prices are so low right now, I couldn't pass it up! This will be a very high end machine for about as cheap as it's going to get. Note: I got the OS and Office as well at the reduced OEM prices, so everything is legal. I bought from sofsoft.com.

Here's the list of what I bought, with all costs [see table]:

NAME	CODE	#	$ Cost
MSI K7 Master AMD-761 MS-6341 Motherboard	01-MS-K7MASTER	1	129.00
Matrox G450 16MB DDR AGP (Bulk OEM Package) Graphics Card	09-G450	1	79.00
Thermaltake Copper Shim (part of CPU Heat Sink)	03-H0095	1	10.00
TT Dragon ORB 3 4900RPM Thermaltake (CPU Heat Sink)	03-A1132	1	30.00
1.33GHZ 266MHZ Athlon CPU (15 DAYS Warranty)	03-A1330-6	1	139.00
40GB 7200RPM Maxtor Hard Drive	02-5T040H4	2	114.00
256MB PC2100 Micron DDR DIMM RAM	04-2562100M	2	46.00
Green Mid ATX Case 300W	07-219-C08	1	36.00
MS Windows 2000 PRO (Full OEM)	14-W2KOEM	1	149.00
Microsoft Office 2000 Small Business Edition (OEM)	14-MSO2000SBE	1	179.00
1.44MB Floppy Drive	02-FDD	1	11.99
Green Keyboard, Mouse, Speaker, Pad Set	07-C08	1	19.00
Sound Blaster 256 Live Value (OEM) Sound Card	05-SB4670	1	44.00
8X8X32 Ricoh CD-RW Drive (OEM)	05-MP7083A	1	72.00
400W ATX Power Supply AMD Recommended Up To 1.33GHZ	07-HPC-400-101	1	59.00
3COM 905CTX Network Card	13-3C905B-TX-NM	1	38.00
56K V.90 FAX MODEM Intel Chipset PCI	12-FMINT56V	1	13.00
Hard Disk Cooler (optional)	02-HD-1000	2	6.00
Hardware and Software Subtotal			1339.99
Shipping			119.49
Tax			107.20
Total			1566.68

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Listserver spaug-list@cloves.montereynet.net Any member on the spaug-list can send messages to all other members on the list automatically by sending e-mail to this address. This list is intended for announcements of interest to all SPAUG members. Please avoid excessive or trivial announcements, since some members are paying for connect time. Additions or corrections can be sent to: **info@pa-spaug.org**	**The SPAUG Web Page available at http://www.pa-spaug.org** **hosted by http://www.montereynet.net/**

Hosted by
MNC
Monterey Network Center

General Meeting Wed. September 26, 7:15PM
Elks Lodge, 4249 El Camino Palo Alto

SPAUG
PO Box 20138
STANFORD CA 94309-0138

PC USER GROUP Meeting

WEDNESDAY	**Sept. 26**	7:15 PM

Elks Lodge, 4249 El Camino Real, Palo Alto
Hosted by: SPAUG (Stanford Palo Alto User Group for PC)

Topic: **Marketplace 2001**

Speaker: **Hank Skawinski,**
  Owner/Manager, Datawise
  http://www.datawise-pc.com/

Hear what's great, what's not, what's coming, what's history. Review the realities of the marketplace and whether the Microsoft products are a step forward for the home user.

Hank is a favorite SPAUG speaker. For a report and photo from of his November 2000 presentation, visit
http://www.pa-spaug.org/News01/News0101.htm#News3

You are invited to join us for an optional no-host dinner at 5:45 pm, at Su Hong Eatery, W. Meadow and El Camino <u>Way</u>, Palo Alto

We meet on the last Wednesday of most months.
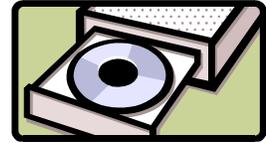Our remaining meetings for 2001 are: 9/26, 10/24, and 11/28

☞ **See other side for a special offer.** ☜

SPAUG CDOM—MID-2001 (NEW IN JULY '01)

BUY ONE OR MORE, FOR GIVING OR FOR YOURSELF

FOR MORE INFORMATION, INCLUDING HOW TO ORDER,
VISIT SPAUG'S WEBSITE AT **WWW.PA-SPAUG.ORG**

AdAware55: Scan your system for ad-supported software components (spyware) and remove them.
AdobeAcrobatReader50: Read Adobe PDF files from the Web. Freeware
AdSubtract: Inhibit the banner ads from loading. Speed downloads, remove ads. Freeware
CacheMan41: Speed up your system by optimizing your disk cache.
DistributedComputingScreensavers: SETIatHome and StanfordProteinFolding:
DriverFinder: Find the current driver for applications, and update your computer.
EasyCDCreatorUpgrade: Updates Easy CD Creator 4.02 or later to 4.05.
Eudora51: A popular email program.
FTP-Programs: File Transfer Protocol programs. CuteFTP and Ws_ftp
Icq: ICQ 2000b 4.65 build #3281 (Freeware) (I Seek You), a communications program like Instant
    Messenger
InternetExplorer55: Upgrade your Internet Explorer to the latest version.
LeakTest: Check your memory for "leaks" caused when applications do not release all memory.
MediaPlayer7, RealNetworks and Quicktime
MicrosoftRelated: **RegClean:, TweakUI: , WordFormattingWhitePaper**:
NetMonitor: Use this free utility to gain more control over your Internet connection.
NetscapeCommunicator477
NetscapeCommunicator601
NetscapeCommunicator61
NetZero: ZeroPort.
NistTime: Set your system time by the atomic clock in Boulder, Colorado.
Opera51: latest version of the Opera browser, a fast, compact alternative to Internet Explorer and
    Netscape.
OptOut: Internet "Spyware" detection and remove by Steve Gibson (www.grc.com)
PowerArchiver70 (Shareware): an archiving tool that features support for ZIP, RAR, CAB, TAR, and
    other formats.
QuickTime: Apple Quick Time for PC. For viewing files in QuickTime format.
RecordConverter: Popular MP3 utility featuring direct CD to MP3 encoding, full-featured player, and
    music organizer.
SiSoftSANDRA811: SiSoftware Sandra, our information, diagnostic and benchmarker utility for
    Windows 98/Me/NT4/200X
SoftwareUpdater: Update your applications with this utility. Identifies updates for obsolete software on
    your machine.
StartCop: determine which applications start, and which don't, when you boot up. Get rid of pesky
    system tray icons, more.
ThumbNails: View .gif and .jpg files as thumbnail images, instead of just the default filename.
TuneUp: CNET CatchUp 1.3: Keep your PC healthy and up-to-date with this CNET service.
WebMeisterTools: **HTMLTidy:** and **SuperBot**
WinZIP80: latest version of the Windows ZIP utility
XteqXsetup61: Tweak system and desktop settings that are normally hidden deeply in configuration
    files.
YahooMessenger: see when your friends are online, send instant messages, and talk online for free.
ZoneAlarm26: The best free firewall, let's you keep hackers out of your computer.