

March Meetings

Thursday, 3/9/2000 [Home Computer Security](#)

Wednesday, 3/22/2000 [2CoolPC](#)

User Group Website:

Website: www.svcug.org

eMail: info@wgn.net



Volume XVI, Issue III

"The "All Types of Computers" Club

March, 2000

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Pontis Research on Computer Security

**Presentation on March 9th at 7:30
at the Simi Valley Public Library**

Gary, from [Pontis Research](#) will come out to our meeting on March 9th to talk about your home computer's security.

Pontis Research is a privately held corporation established in 1994. Their main office is in Camarillo. They are a small group of IT professionals with many years of experience in the computer security and systems management arenas.

Many of their clients are large institutions with complex distributed information systems: most built on or migrating to Windows NT, and some with problematic legacy infrastructures. They help their clients keep pace with evolving technology while protecting their current investment.

They don't limit themselves to the security or systems management products of one or a few vendors. The solutions we recommend, which may include commercial software, custom software, and revamped practices, are based entirely on the client's specific needs.

2CoolPC Demonstration Wednesday, March 22nd

Dennis Orloff, who previously demonstrated his Clean PC System to our club, will demonstrate their most recent product, 2CoolPC. Their website: www.2coolpc.com.

Without the proper system cooling, CPU cooling, Video Card Cooling, Mother Board Cooling, Hard Drive Cooling, and Ram Chip cooling the life expectancy of your PC & Server will be cut short. You can spend so much extra money trying to fix each overheating problem you have or you can look into the new line of System coolers that tackle all of these needs in one easy to use Tower PC & Server Cooling System.

Without proper air flow cooling, your computer hardware suffers from overheating. This overheating causes slow downs, system error messages, and crashing. Also, the life expectancy of your PC's components will greatly diminish.

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INDEPENDENT REVIEW

SpinRite 5.0

one-of-a-kind hard disk utility

by Bob Wolff, BSBA, MBA

The hard fact is that no other disk utility does what SpinRite 5.0 does - period! And it costs only \$89 (\$39 to upgrade from SpinRite 3.1 and 4.0).

What does this software do?

SpinRite 5.0, a 95,872 byte program written in assembly language, operates on fixed and removable disks to make them run perfectly. This is not disk partition software or a super Windows ScanDisk program. SpinRite does things that few, if any, other utilities can: It scrubs your drive surfaces, finding and fixing any problems it encounters. If data is unreadable by DOS or Windows (or other utilities), SpinRite recovers the data and makes it readable again. In addition, SpinRite performs preventive maintenance to help ensure your disk drives and data are safe.

Selected SpinRite features include:

No technical knowledge required.

Works directly on the hardware, not through the operating system, thus accessing controllers and drive technology (IDE, EIDE, SCSI) and 32-bit file allocation table (FAT) partitions of any size.

Compatible with Windows 95 and 98 long file names.

Compatible with, and aware of, popular disk compression technologies.

Highly accurate drive performance benchmarking.

Supports Iomega Zip and Jaz technologies, the LS-120 SuperDisk, other removable media drives, and SCSI and other device-driven drives. Formats each cluster in place after moving data to a safe location, then puts it back.

Flux Synthesis surface analysis scrubs hard disk surfaces, detects defects, and removes unsafe regions from use.

DynaStat data recovery performs deep statistical analysis on unreadable sectors to recover all or most sector data.

Drive fingerprinting for rapid SpinRite startup.

Remembers drive parameters in the event that the BIOS loses them.

Dynamic suspend and resume of SpinRite.

Runs 10 times faster than earlier versions.

What any particular feature will mean to an individual user will vary widely. Explanations of many features would rapidly zip across the top of our heads – flux synthesis, DynaStat data recovery, dynamic servo thermal re-equalization. Frankly, none of these make any difference except to engineers and others who have to know and understand how things work (see the documentation).

Using SpinRite 5.0

For the rest of us, all that really matters is that SpinRite works - and works very well.

Using SpinRite is simple and straightforward. First, you spend about 5-10 minutes creating a clean DOS boot disk. There should be no terminate-and-stay-resident programs or other non-essential stuff. Only the drivers used to access your hard disk and removable storage drives, and any disk partition software you normally load with DOS or Windows, should be included. For example, if you use an Iomega Jaz or Zip drive via a parallel or SCSI connection, you need to insert GUEST.EXE into the AUTOEXEC.BAT file on the boot disk. Metaphorically, this raises the Jaz or Zip flag for SpinRite to see. (GUEST.EXE is located in the folder containing Iomega tools.) Be sure to put SpinRite on the diskette too. (The manual provides good instructions for creating a SpinRite boot disk.)

Note: A new feature in SpinRite 5.0 is the ability to start the program from within Windows. However, removable storage, disk partitioning, and other drivers may be controlled by Windows, and thus, be invisible to SpinRite. A clean SpinRite boot disk is the best way to ensure access to everything.

SpinRite displays letters for each drive it finds. Choosing which to check is easy and quick. SpinRite can check diskettes, removable storage like Jaz and Zip, and virtually any fixed hard disk. The first time you run SpinRite on a drive, it performs diagnostics and gathers drive information. This is saved as the drive's fingerprint to speed up

future SpinRite sessions. SpinRite offers five operational levels. Each represents a deeper level of analysis. The base levels (1 through 3) examine drive surfaces, recover unreadable data, and refresh drive surfaces by reading and writing each sector and electronically realigning the data underneath a drive's read/write heads. At Level 4, Deep Defect Analysis, SpinRite performs deep surface analysis and defect scrubbing operations, analyzes the entire drive surface to certify its data storage integrity, and performs full data recovery. The deepest operational analysis, called Restore Good Sectors (level 5), does everything above plus it returns previously marked bad areas to use if they pass the tests 100%.

The first time you use SpinRite, I strongly recommend level 4 or 5 analysis. Then every 3-4 months run a surface refresh (level 3). Each year thereafter, run a level 4 or 5 analysis. Of course, if your drive starts to act peculiar, pull out the SpinRite boot disk and run a level 5.

Testing SpinRite 5.0

If you're wondering how fast SpinRite completes its tasks, let me put this way:

Plan a long lunch or a round of golf for a fixed hard disk (depending on its size) Go home and forget about it when analyzing a removable drive (Zip disk or Jaz cartridge) Get coffee and a cinnamon roll for a diskette

SpinRite was run on a 3 year old Pentium 133 PC with a 2.1 GB fixed hard disk drive, an internal Iomega Jaz 1 GB drive, an Iomega ZipPlus drive, and a 1.44 MB diskette drive. Running Level 4, Deep Analysis, on my fixed hard disk took 2 hours 31 minutes. (A larger drive would take longer.) By comparison, in 1988 SpinRite 1.0 took over 12 hours to perform similar tests on a 120 MB hard drive. Gibson Research's claims of speed improvements is no exaggeration. My fixed hard disk was pronounced very healthy - no defects, no bad spots, etc.

Operations on the internal Jaz drive with a SCSI connection took 14 hours 48 minutes. Again, a clean bill of health. Level 4 tests on the ZipPlus drive with a parallel connection and a diskette drive took 4 hours 48 minutes and 6 minutes, respectively. Both came through beaming with health.

One reason SpinRite is able to perform such deep analyses and obtain an accurate picture of fixed or removable storage is because it does not depend on your operating

system or hard drive control mechanisms. It bypasses features like read/write caches, which are tricks used to make disks appear faster than they really are. It works with the disk controller. In short, it digs down into the guts of the drive and controller to do its job. No other utility program does this.

Iomega Zip and Jaz

A small percentage of Zip and Jaz drive users experience a phenomenon called the Click of Death. While sounding dramatic, it simply means a Zip or Jaz drive stops reading/writing a particular disk or cartridge, or stops working with media. The cause is suspected to be unreliable writing to the removable media.

Gibson Research, the maker of SpinRite 5.0, is working on solutions. First, SpinRite 5.0 can recover some Click of Death disks and cartridges. The likelihood of success depends a lot on specific technical characteristics of the disk or cartridge involved. But, SpinRite does work often enough to be a useful tool.

Second, Gibson Research is now working on two additional programs for removable media. A utility will check drives to see if they are unreliably writing to disks and cartridges. Another program, Windows-based, is being designed to fix a removable disk or cartridge (if possible) after the Click hits it, or possibly, through regular monitoring, before it hits. If you have an Iomega or another brand removable media device, check out Zip & Jaz Drive Click Death Research and join Gibson's mailing list to receive announcements. Also, contact Iomega and suggest they provide Gibson Research more open assistance in this effort. It will benefit them and you.

Conclusion

In the last 10 years, I have found no other utility program that makes me feel safer about the deep down workings of a hard disk drive, a critical component of my computer. Too few accounting firms and corporations use SpinRite, and all seem to experience some type of time-wasting, frustrating, expensive hard disk problems. SpinRite is far less expensive than data loss and hard disk replacement, especially as the disk ages. SpinRite is the only product I have and continue to recommended to anyone and everyone using a PC.

For more information, visit the SpinRite web site at www.grc.com.

Adobe Job Connection Provides Online Career Opportunities and Business Services

New Service Creates Community for Creative Professionals on Adobe.com

Continuing to make Adobe.com a destination site for creative professionals, Adobe Systems Incorporated today announced the launch of Adobe Job Connection (<http://www.adobe.com/jobconnection>).

An online resource center on Adobe.com for creative professionals who want to expand their reach by offering services and conducting business on the Web, Adobe Job Connection includes a host of services from Adobe and its partners, including Adobe®ePortfolio, JobOptions, HOW Magazine, WebEx, and Red Gorilla. Through these partnerships, Adobe Job Connection visitors can conduct much of their day to day business online. Services offered include posting creative work samples, searching for qualified employers and employees, hosting online meetings, distributing invoices and more.

"Adobe Job Connection will help creative professionals manage their work and careers more efficiently," said Gloria Chen, Adobe.com's director of Strategy and Business Development. "From budding freelance businesses to established design firms, Job Connection helps creative professionals connect to the right tools for running their businesses."

Adobe Job Connection features Adobe ePortfolio, which allows creative professionals to post their work samples and resumes online. Prospective employers may also use Adobe ePortfolio to find talented professionals with the skills and experience required for a wide variety of creative jobs.

Adobe ePortfolio Sweepstakes Beginning February 7, 2000, Adobe Job Connection visitors who register on the free ePortfolio service are automatically entered into a sweepstakes to win a first prize consisting of a design workstation featuring an Apple iMac DV, an Adobe Web Collection software bundle, and a copy of Adobe InDesign. Five second prize winners will each receive Adobe's GoLive4.0 software.*

Additional Services Offered on Adobe Job Connection

For Adobe.com visitors seeking jobs in any industry, considering relocation or just looking at what's available, Adobe Job Connection features a customized, co-branded site with JobOptions . Providing comprehensive career services, JobOptions.com enables job seekers to search employers for open positions, access career tools and advice, and sign-up for custom job alert emails.

WebEx's real-time communications infrastructure allows Adobe Job Connection visitors to instantly share everything from documents and presentations to applications and desktops. By delivering real-time data, voice and video through a standard browser, WebEx transforms the Web into a live, interactive meeting place.

An alliance with Red Gorilla allows Adobe.com Job Connection visitors to easily capture time and expenses, then create and deliver professional-looking invoices through a simple Web interface.

*No purchase is necessary to enter the Adobe ePortfolio Sweepstakes. Contest runs from February 7, 2000 through March 10, 2000. Visitors must be age 18 or older residing in the U.S. or Canada (excluding Quebec). Apple iMac DV workstation and Adobe software total approximate value U.S. \$3097. Adobe GoLive 4.0 software ap-

Managers vs. Engineers

submitted by

John Burres burrestv@pacbell.net

A group of managers were given the assignment to measure the height of a flagpole. So they go out to the flagpole with ladders and tape measures, and they're falling off the ladders, dropping the tape measures—the whole thing is just a mess. An engineer comes along and sees what they're trying to do, walks over, pulls the flagpole out of the ground, lays it flat, measures it from end to end, gives the measurement to one of the managers and walks away. After the engineer has gone, one manager turns to another and laughs. "Isn't that just like an engineer, we're looking for the height and he gives us the length?"

Review of Microsofts Intellimouse

William, G Fiske, wfiske@juno.com

I have a large box almost filled with mice - different types, manufacturers, and styles. Still I yearn for a pointer that I can call my own. Or at least one that requires minimum maintenance and is comfortable.

After disassembling cleaning and reassembling my latest mouse the sticky jerky symptoms were gone, but not the frustration of needing to know about the care and feeding of these beasties. While strolling through a store I spied one of Microsoft's newest toys, a mouse called "Intellimouse explorer. This pointer touts having no mouse ball to clean. Positioning is accomplished with an optical sensor. The street price is about sixty bucks. The cord has an adapter for either USB or serial I/O. Since the only USB device I have is a digital camera I elected to use USB. Installation was automatic. The only problem I encountered was that I had to install the USB driver manually.

Pros: Glides like silk on wood, mouse pad, pants leg, rug, and the palm of the hand. -Has no mouse ball or rollers to clean -in fact no parts for the user to routinely mess with. -Has two thumb controllable switches on the left side of the case which are programmable or default to the forward and back buttons while on the internet. (I didn't reprogram the switches.) - It also has the normal two buttons on top plus a scroll wheel all of which functioned flawlessly. The USB port allowed two pointers to work at once.

Cons: I have a fairly large hand but the pointer is to large for me therefore extended use is uncomfortable. The web buttons were either not positioned for my hand or I am unable to acquire the dexterity required for easy use. However I was able to easily engage the back button when I didn't wish it.. Booting to "Safe Mode" was a surprise as I didn't realize that the USB drivers did not load in this mode. Installing a serial mouse cured the problem.

My oldest son has hands about three eights longer than mine and claimed that the device fit him perfectly. Hint, Hint. Even if it is not perfect I will use it till I get some of my money back

Cookies

Howard Engel

There is a small article at the bottom of pages 8 and 9 of the March 2000 issue of Consumer Reports about companies that track your web accesses.

Doubleclick, as you probably know is a major player in this game. Consumer Reports says you can opt out of Doubleclick by going to www.doubleclick.net/privacy_policy/privacy.htm and following the instructions found there.

Consumer Reports also suggests that you check out additional sites like <http://opt-out.cdt.org> (which tells you how to opt out of a lot sites), www.epic.org/privacy/tools.html (which has links to a number of cookie busters and sites that provide anonymity), and www.junkbusters.com (which has all sorts of information on privacy).

Consumer Reports mentions that Matchlogic, an ad network has placed invisible images called "transparent GIFS" on consumer sites that can send information to Matchlogic about visitors. I'd like to know more about this.

I don't bother with cookies, and cookies don't bother me. I have an empty read-only file "cookies.txt". I don't get any cookies or any notifications that someone is asking for a cookie, and I have yet to have any difficulty in accessing a site as a result.

Can you go from Mac to IBM without flattening?

<http://www.onelist.com> [PHOTOSHOP]

Onelist: The leading provider of free email community services

Does anyone know if you can transfer a Mac Photoshop file with multiple layers to PC Photoshop without flattening the layers? K Hummel

Sure, Just be sure to name the file xxx.psd

Gary Mondshine mondshine@mediaone.net

Need Help?

Dennis Atherton

hardware - any, networking , WIN95 setups
dennis_atherton@yahoo.com 7-11 evenings

Steve Carter

OS/2 - scarter@vcnet.com 805-598-8455 til 9 pm

Barbara Cott desktop publishing, Excel, Photoshop, web pages
bobbie@wgn.net 805-581-2495 weekends

Howard Engel

Word 6, programming in PASCAL or ADA
engelh@gte.net 805-523-7602 9 am - 10 pm

Will Fiske

Win95/3.11/3.1, DOS 6.2 and down to 5
wfiske@juno.com after 6 pm

Roger Freeman

online researching
update1@ez2.net 805-579-8426 before 10

Spencer Hartman Digital Research DOS 6, Novell DOS 7.0
WordPerfect 6.1 for DOS, batch files
805-522-7212 if no answer, lv msg 10 am - 10 pm

Gordon Huff modems, Telix, FDISK
wa6fmx@worldnet.att.net 805-499-3494

Lucy Lediaev Basic Windows & Office, Basic HTML & graphics concepts

lucyl@cnmnetwork.com evenings 6-9:30 pm & wknds

David Ringwood

hardware - jolyon@mail.westworld.com

Oliver Stockton

MS Word , Wndows 95, Beginners
SimiClown@aol.com 805-581-2991 24 hours / 7 days

Robert Sully

Hardware Questions, OS's (Win95 and OS/2)
BASIC Programming, Beginning Visual Basic
rcs@malibyte.com

Dee Tillman

Office 97 Word & Excel, WordPerfect, Commodore, Apple II
dillman@juno.com 805-526-1395, after 4

Gaylord Trubey

DOS internet, WIN 3.x, WIN 95, software hardware
gaylordt@juno.com 805-526-2077

Dick Uhlman

XTree (1-3), Windows, DOS Excel
computerwizard@juno.com
805-583-2174 & 805-583-2804 5pm - 8pm

Karleen Volz

BASIC questions, DOS WIN 3.11, WIN 95 WIN NT,
basic hardware questions
kvolz@juno.com 7pm - 9:30pm & weekends

Simi Valley Computer User Group is a non-profit special interest group for the benefit of anyone interested in learning more about computers and how to use them. Meetings are held twice a month. The General Meeting meets at 7:30 pm on the second Thursday of each month, the Hardware / Software Meeting is held at the same time on the fourth Wednesday of each month. The meetings are held at the Simi Valley Public Library, in the Community Room.

If you need further information about the meetings, call Barbara Cott at 805-581-2495. Further information can be found at www.svcug.org or send email to info@svcug.org. Visitors are welcome to come and see what our group is all about without obligation to join. However, if you find our meetings to be beneficial to you, we hope you will join and support our group. Dues are \$24 per year or \$13 for 6 months.

It has to say this: Simi Valley Computer User Group (SVCUG), consisting of its officers and membership, is not affiliated with any computer hardware or software manufacturers. Articles contained in this publication may not necessarily reflect the views and opinions of SVCUG. SVCUG makes no warranty of the suitability or inability to use any product or service.

Ad Rates

Small member ads are free.

(business card size)

1/4 page - \$25/mo

1/2 page - \$50/month

full page - \$100/month.

Send your camera ready art to Editor at

bobbie@wgn.net.

Membership Rates

\$24/year or \$13/6 months.

Includes user group pricing, expert computer Q&A,

newsletter (mailed/online),

BBS, email address, raffle.

For membership information,

email Howard Engel, Treasurer

engelh@gte.net

Local Computer User Groups

Appleholics Anonymous

Chuck Baca 805-650-7503
Tony Pizza 805-482-3453
2nd Sat 9:30 am
3169 Telegraph Road. Ventura

Conejo Valley Genealogical Society

Albert Richardson, Chairman (NEW)
(805) 492-2029
bf140@gte.net

CVMUG (Mac club)

Susie Herrera 805-484-2259
sherrera@vcnet.com
General Meeting: 1st Thursday, 7 pm
Novice SIG: 4th Monday
Internet SIG: Quarterly
Westminster Presbyterian Church, Camarillo

Commodore 64/128 Users

Loyd Couch: 805-483-9200
BBS: 805-382-1125
General Meetings: 1st Sat., 10 am
Cal Fed Bank, 430 Arneill Road, Camarillo
Tech Meeting: 2nd Sat, 10 am
Boys-Girls Club, 126 E. 7th Street, Oxnard

Channel Islands PC Group

Toby Scott, 805-981-1212
Website: www.cipcug.org
General Meeting: 1st Sat, 9 am Camarillo Airport
OS/2 Corner: 2nd Sat, 9:30 am

Gold Coast CUE of Ventura County

Tim Rainville, 805-525-3873 rainvilt@vcss.k12.ca.us
Days vary, 4 pm
Camarillo area or local school

Leisure Village Club

Neil Iven, 805-383-0016 iniven1@juno.com
1st Friday, 10am Camarillo
1st Monday, MAC group
2nd Friday, Communications
3rd Wednesday, Novice

Simi Conejo Linux User Group

Website: Valleywww.psilord.com/sclug
Meets every other Saturday at 6 pm at
Nortel, 4100 Guardian Street, Simi

MacValley Users Group

Daphne Gruberman (818) 998-7025
1st Wednesday
Wilkinson Senior Center
8956 Vanalden Street, Northridge

Simi Valley Computer User Group

Barbara Cott 805-581-2495 bobbie@wgn.net
Website: www.svcug.org
Main meeting: 2nd Thurs 7:30 pm
Hardware/Software Meeting: 4th Wed, 7:30 pm
Simi Valley Library

Thousand Oaks

Personal Computer Club

Harry Isaman 805-405-8323
Website: www.vcnet.com/topcc
4th Thurs: 6:30pm Jan-Oct
3rd Thurs: 6:30 Nov-Dec
Goebbel Sr Ctr or T.O. Library

TUGNET

Website: www.tugnet.org
meets every Tues, 7pm
Granada Pavilion
11128 Balboa. Granada Hills.

Ventura Beginners PC Users' Group

Howard Wilson 805-647-0360
3rd Sat, 10 am
Club House, BenaVentura Mobile Home Estate
11407 Darling Road

Ventura

Windows Publisher User Group

Bob Tracy 482-7092
bobtracy@vcnet.com
3rd Tuesdays, 7 pm
Cal Fed Bank Bldg, 430 Arneill Road, Camarillo

ZoneAlarm, A Free Firewall

Howard Engel

I have recently downloaded and installed ZoneAlarm 2.0, free firewall software from www.zonelabs.com. It installed without difficulty, it has a well designed user interface, and it has some interesting features. Steve Gibson (Spinrite) at this time recommends it tentatively; his hesitancy is because of its recent release, which means that he has not yet had sufficient experience with it to be sure of its stability.

You download an executable file of 1514KB, which you run to install the program. One of the questions you are asked what kind of connection you have - Modem/Dial-up, DSL, IDSN, Cable modem, or T1/LAN. The installed program occupies 800KB.

As installed, the program boots when Windows opens. On my machine, the first time ZoneAlarm booted, there was a main ZoneAlarm window in the middle of my screen, and also a miniature of this (called a shell toolbar) at the bottom of the screen, overlapping my taskbar when the taskbar was not hidden. In addition, there was an icon in the right portion of the taskbar in which your time may appear. On subsequent boots, the main window did not appear, but it could be opened by left clicking on the ZoneAlarm icon in the miniature window.

Let me now describe the main window, then the shell toolbar, and then the icon on the task bar.

The main window has five panels.

The first, the traffic panel, shows Internet upload and download activity. The associated button opens a dropdown window that shows the last program to access the Internet, the date and time of that access, the number of bytes uploaded to day, and the number of bytes downloaded today. The second panel shows an open or closed lock, indicating whether the connection from your computer to the Internet is open or locked, and a text field indicating how long the connection has been open or closed. The associated button opens a dropdown window enabling you to configure how you want the lock to work; you can have the Internet lock when your screensaver is activated, or lock after a period of Internet activity that you choose; you also can choose whether or not to allow certain programs you have selected (called Pass Lock programs) to bypass this lock.

The third panel has the Stop button, which shuts off all connections to the Internet immediately; access can be restored by pressing the button again, but you must restore the

Internet connections. The associated button opens a dropdown window that allows you to set security levels for local and Internet zones, and to block programs on your machine from acting as servers in these zones; set the security levels high, and block you machine from acting as a server. Further, detailed control of your local net is available by pressing the Advanced button in this window.

The next panel displays the icons of your programs currently connected to the Internet. The icon of a program currently communicating with the Internet blinks. The associated button opens a dropdown window that shows all programs that have attempted to access the Internet, and allows you to adjust the access rights of each of those programs.

Clicking on the icon in the last panel allows you to access the online help, which is on the web, not on your computer. This help is pretty good, well organized, and well written. The associated button opens a dropdown window that allows you to make a few program configuration choices: whether the ZoneAlarm window will be on top during Internet activity, whether ZoneAlarm will be loaded at Startup, and whether the shell toolbar will be shown.

The shell toolbar displays either four or five icons, corresponding to the panels in the main ZoneAlarm window. The four that are always shown are the traffic icon (which actually shows traffic), a lock that may be open or closed and that has a red 'x' on it when closed, a functioning Stop button, and a ZoneAlarm icon. The fifth icon is the program most recently used on the Internet. The Zone Alarm icon can be used to display the main ZoneAlarm window, as has been mentioned early, but it does this only if the main ZoneAlarm window has not previously been open and minimized. If the main ZoneAlarm window has been minimized, then the minimized window must be clicked to expand it.

The icon on the task bar has either of two appearances. If the connection to the Internet is locked, it appears as a closed locked bearing a red 'x'. If that connection is open, it looks more like an Internet traffic flow icon. In either case, the only way to shut down the ZoneAlarm program is to right click on this icon and choose Shutdown ZoneAlarm.

There are additional details that have been omitted from this description, which you may discover by running the program or reading the online help.

Beatles songs: IF Lennon & McCartney had grown up in the 90s...

Eleanor Rigby

Eleanor Rigby
Sits at the keyboard
And waits for a line on the screen
Lives in a dream
Waits for a signal
Finding some code
That will make the machine do some more.
What is it for?

All the lonely users, where do they all come from?
All the lonely users, why does it take so long?

Guru MacKenzie
Typing the lines of a program that no one will run;
Isn't it fun?
Look at him working,
Munching some chips as he waits for the code to compile;
It takes a while...
All the lonely users, where do they all come from?
All the lonely users, why does it take so long?

Eleanor Rigby
Crashes the system and loses 6 hours of work;
Feels like a jerk.
Guru MacKenzie
Wiping the crumbs off the keys as he types in the code;
Nothing will load.
All the lonely users, where do they all come from?
All the lonely users, why does it take so long?

Unix Man

He's a real UNIX Man
Sitting in his UNIX LAN
Making all his UNIX plans
For nobody.

Knows the blocksize from du(1)
Cares not where /dev/null goes to
Isn't he a bit like you
And me?

UNIX Man, please listen(2)
My lpd(8) is missin'
UNIX Man
The wo-o-o-orld is at(1) your command.
He's as wise as he can be
Uses lex and yacc and C
UNIX Man, can you help me At all?

UNIX Man, don't worry
Test with time(1), don't hurry UNIX Man
The new kernel boots, just like you had planned.
He's a real UNIX Man Sitting in his UNIX LAN
Making all his UNIX .plans For nobody ...
Making all his UNIX .plans For nobody.

Write in C ("Let it Be")

When I find my code in tons of trouble,
Friends and colleagues come to me,
Speaking words of wisdom:
"Write in C."

As the deadline fast approaches,
And bugs are all that I can see,
Somewhere, someone whispers:
"Write in C."

Write in C, Write in C,
Write in C, oh, Write in C.
LOGO's dead and buried,
Write in C.

I used to write a lot of FORTRAN,
For science it worked flawlessly.
Try using it for graphics!
Write in C.

If you've just spent nearly 30 hours,
Debugging some assembly,
Soon you will be glad to
Write in C.

Write in C, Write in C,
Write in C, yeah, Write in C.
BASIC's not the answer.
Write in C.

Write in C, Write in C
Write in C, oh, Write in C.
Pascal won't quite cut it.
Write in C.

Something

Something in the way it fails,
Defies the algorithm's logic!
Something in the way it coredumps...
I don't want to leave it now
I'll fix this problem somehow

Somewhere in the memory I know,
A pointer's got to be corrupted.
Stepping in the debugger will show me...
I don't want to leave it now
I'm too close to leave it now

You're asking me can this code go?
don't know, I don't know...
What sequence causes it to blow?
I don't know, I don't know...

Something in the initializing code?
And all I have to do is think of it!
Something in the listing will show me...
I don't want to leave it now
I'll fix this tonight I vow!

submitted by NOVANIKON@aol.com

NEWSLETTER ADVERTISING

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(business card size) are free.

1/4 pg - \$25/mo 1/2 pg - \$50/month
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Send camera ready art to Editor by mail /
email or call 805-581-2495.

Should be in ASCII. Deadline is near the end
of the month.

Simi Conejo Linux Users Group LUG Fest

The Simi-Conejo Linux Users Group proudly invites all Southern California Linux users and Linux Users Groups to participate in SCLUG's second annual LUGFest (aka LUGFest 1.0).

Held in Simi Valley, California, a LUGFest is a "demofest" where Linux applications are demoed for all comers. There will also be mini-seminars on various Linux-related subjects. And, if **you** have a Linux application you're particularly good at, feel free to volunteer to demo it at the LUGFest. You can sign up at <http://lugfest.sclug.org/signups.cgi>. Show off your skills! Impress your friends!

This year's LUGFest has more demos and more sponsors than last year's, and will be even better!

Help us publicize the LUGFest! Pass this email along! And if you know of a place where Linuxers or potential Linuxers hang out, please grab a copy of a LUGFest flier and post it there. They can be gotten at <http://lugfest.sclug.org/lugfest-flyer/flyer.html> or <http://lugfest.sclug.org/lugfest-flyer/flyer2.html>.

Help us make this Linux event a notable one!

For more info, see <http://lugfest.sclug.org>. We'll see you on the 18th of March! Happy Linuxing!

SCLUG

"Gareth J. Greenaway" gareth@wiked.org

JOB: [multimedia] Re:Flash jobs in LA available

If nothing else here is a solid indication of the importance of Flash and the need for drawing and lifestudying skills.

Cheers

*John M. Grzywacz-Gray
Moorpark College, Media Arts Institute
805.378.1400 x1875
fax: 805.378.1499*

*In a message dated 2/15/00 8:14:56 PM,
PamRecruit@aol.com writes:*

Please distribute the following info to anyone who might be interested:

An internet company in Encino developing original content for the web. Here is info:

DISCLAIMER: RECRUITING INFO FOLLOWS. THIS IS NOT MEANT TO LURE OR ENTICE ANYONE AWAY FROM A JOB OR COMPANY. THIS MESSAGE IS ONLY FOR THOSE LOOKING FOR WORK. INFORMATION ONLY. FEEL FREE TO SHARE WITH A FRIEND

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2/15/00

Creative Los Angeles internet company (located in Encino) with energetic, informal atmosphere producing original content for web delivery is looking for:

Senior Flash Animator: Animators with knowledge of Macromedia Flash wanted to create weekly on-line series. Candidates should have a background in 3D or traditional animation. Strong traditional arts skills: life drawing, color, character animation. Computer skills. Internet experience a plus. The hired candidate will use Flash to deliver the work of a team of traditional artists, writers, actors and internet designers. Flash animator will also be responsible for creating special effects and lighting effects within Flash as well as creative use of assets to augment storytelling and minimize download.

Junior Flash Animator: Experience using Macromedia Flash to create on-line animations, interfaces, and/or games. Other software important such as Photoshop and vector based illustration software (Illustrator, Freehand). Solid digital art skills. Life drawing skills preferred. Animation experience preferred. Ability to work multiple projects at once a must. Understanding of on-line content and delivery. Junior Flash animators should be able to prepare rough artwork, optimize files, be able to draw and create simple background art based on drawings from traditional artists. Candidate should also have some knowledge of Flash4 ActionScript for creating interactivity.

Flash Artist (Background Artist) Candidate should have good drawing skills and an eye for detail. Candidate is familiar with drawing tools in Flash 4. Flash artist will be responsible for recreating hand-drawn art within flash in preparation for coloring. Flash artist will also prepare and align pieces for animating, create artwork composed of repeating elements to take advantage of file size saving features in FLASH

Colorists: Must understand color, shading and shadows. Flash preferred but will talk if you know Photoshop or Illustrator and have a strong portfolio including life drawing and that shows you understand lighting and color.

Traditional animators/inbetweeners are also needed!

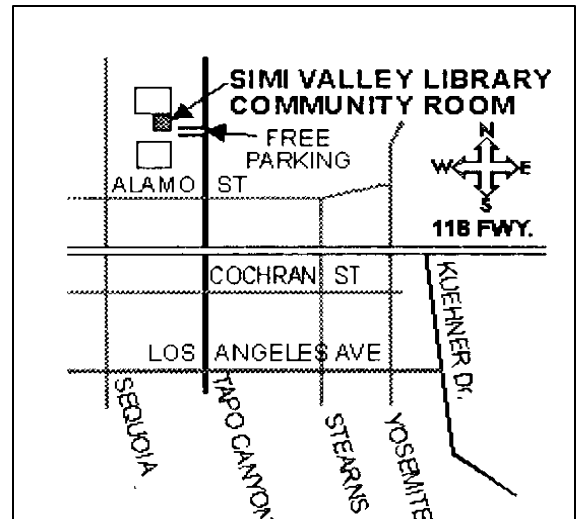
Please send a resume to our recruiter

Pamela Thompson
FAX 818 504 2631 Email: PamRecruit@aol.com



www.wgn.net

Ask for User Group Rate



Simi Valley Computer User Group

2718 Kadota Street
Simi Valley, CA 93063

March Meetings

Thursday, 3/9/2000

Home Computer Security

Wednesday, 3/22/2000

2CoolPC