

Bruce Patrick Shows off OfficePro 2004

Bruce Patrick provided another great demonstration at the April 19 KMUG meeting.



The presentation started by with a short clip of the evolving Microsoft Office:Mac from 1984 to the present. Then Bruce showed off the Office Pro 2004 suite for Macintosh which included demonstrations of Word, Excel,



PowerPoint, Entourage and Projects.

The software package that Bruce Patrick demonstrated and the door prize software package were generously donated to KMUG by the Macintosh Business Unit at Microsoft.

The meeting was well attended with 41 present.

The winner of the door prize of Microsoft Office:Mac Pro 2004 with Virtual PC was Dee Tocher. ●



KMUG MONTHLY MEETING

Luncheon

Third Thursday of each month at 10:30 A.M.
Solarium Room, All Star Lanes,
Myhre Road, Silverdale
(one block East of Silverdale Way)

Evening

First Thursday of each month at 6:30 P.M.
Solarium Room, All Star Lanes,
Myhre Road, Silverdale
(one block East of Silverdale Way)

***KMUG's home page is now at:
<http://www.homepage.mac.com/kmug1>***

from MacCentral

Opinion: Apple's Captivating Tiger

*By Bill Van Etten,
Bio-IT World MacCentral*

As high-performance computing becomes a critical and mainstream research tool, more “Biologists” are performing what have traditionally been UNIX systems administration duties. As a geneticist, I’ve learned to “tail a log file,” “grep a TCP dump,” and “HUP a daemon.” But why must I learn and spend valuable research time performing cryptic actions like these to implement and manage an assembly of UNIX systems? In this point and click age, it should be easier to integrate and maintain the many necessary shared network services among computers.

The fifth major release of Apple’s server operating system, **Mac OS X Server** version 10.4 (Tiger) has many new features like 64-bit memory addressing, built-in VPN, Software Update and Jabber server, as well as very cool and useful new technologies like spotlight (whole disk and document searching tool) and Automator (graphical data analysis pipelining tool).

However, it’s the claim that Tiger Server is “open source made easy” that I wish to investigate here. Just how “open” and “easy” it is?

Unlike **Linux**, the entire OS “is not” open source, but its underlying BSD UNIX (called Darwin) is an open source project that is available from and managed by Apple. Personally, I’m not as evangelical about the “open source” movement as some. I don’t have time to read or contribute to the source anyway. The part of “open” that is directly important to me is that the OS relies on and benefits from more than 100 public open

source projects and implements standards-based, open network protocols.

Mac OS X is a “unifier not a divider.” It implements all of the open network, file system and directory services protocols that enable it to communicate with other UNIX systems, as well as current Windows and vestigial Mac OS 9 proprietary protocols. In fact, using the built-in NT migration tools that come with Tiger, your Mac OS X Server can take the place of your aging NT-based Primary Domain Controller.

Like its sibling Mac OS X desktop version, Mac OS X Server provides a UNIX desktop environment that is trivially easy to install and configure. To measure Tiger Server’s ease of use, I tested my eleven-year old daughter’s (Tess) ability to install and configure the OS on bare-metal. Granted, she’s a bright eleven-year-old with daily experience on a Mac OS X desktop machine, but she has had no prior experience using the server software. I gave her the installation DVD and provided network and power to a computer with an erased hard drive. The only instruction she was given was “Whenever in doubt, accept the defaults.”

She clicked the installer icon that rebooted the machine from the DVD, and after following the simple on-screen prompts, with a few button clicks the OS was installed on the local disk in 16 minutes. The machine rebooted from the freshly installed local disk, and after responding to a few more simple prompts, in 11 minutes she had configured the machine as a gateway with DHCP, DNS, a shared file system, shared directory services, and a load management system (Xgrid) served to the internal private network, as well as Apache web services and IMAP, POP and SMTP mail services to the external network, with Network Address Translation and a Firewall configured to permit

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from MacCentral

Wireless USB group finishes 1.0 specification

By Stephen Lawson, IDG News Service

A cable-free version of USB (Universal Serial Bus) took a big step forward on Tuesday with the completion of the Wireless USB 1.0 specification, but there is still some work to be done and questions remain about its prospects for widespread adoption.

The specification was created by the Wireless

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all internal network traffic out, but only Secure Shell network traffic in.

Following this she created a user account and home directory for me. Did she know what she was doing? Very likely no, but the point is that she didn't have to. I suspect the biologists out there tasked with the new UNIX Systems Administration responsibilities will appreciate this too. ●

***Last day for MacLab
June 14th
Schedule Resumes in
September
Mac Lab Meetings***

Mac Lab is a Special Interest Group (SIG) associated with the Kitsap Computing Seniors. The Lab offers an opportunity for persons interested in the Macintosh computer to gain some hands-on experience and get answers to questions in an informal setting. The Lab is conducted by members of KMUG.

Mac Lab meets every Tuesday afternoon that school is in session.

The meeting is at Poulsbo Jr High in Room A2 from 2:45pm until 4:30pm. If you have any questions contact Gwen Kauffroath (360)377-1715; gwenk17@comcast.net

USB Promoter Group, a league of seven vendors that includes the heavyweights of the PC universe: Intel Corp. and Microsoft Corp. The group has now handed over management of the standard to the USB Implementers Forum (USB-IF), the governing body for all USB specifications, said Jeff Ravencraft, chairman and president of the Wireless USB Promoter Group. Testing for compliance and interoperability should begin by the end of this quarter in a lab being set up at Intel, he said. The group is aiming for the plug-and-play simplicity of the current wired USB and will certify all products for interoperability before it allows a Wireless USB logo on the packaging, he said.

However, the promoter group is still working out a procedure for introducing two Wireless USB devices for the first time, called "association." Testing for that element of the technology should begin in the third quarter, and the first fully certified products should hit the market late this year, he said.

Wireless USB is intended as a high-speed replacement for connections between PCs and consumer electronics devices, or from one device to another. It is based on UWB (ultrawideband), a high-speed, short-range technology that allows Wireless USB to match the speed of wired USB 2.0, achieving 480Mbps (bits per second) at 3 meters. However, standardization of UWB in the Institute of Electrical and Electronics Engineers Inc. (IEEE) is stalled, with two opposing camps meanwhile going forward with incompatible

approaches. Wireless USB is based on backed ***Con't on page 5, Wireless USB***

from PBS Online

Excerpt from 5 May 2005 column:

“Jet Me to Work”

by Robert Cringely

And I need to bring into perspective a few things that are happening in the news. Bill Gates this week spilled the beans about the introduction date for xBox2 — a slip that was anything but a slip. If you go to the news stories about this, you’ll note the context in which he was speaking, which was talking about Microsoft’s potential involvement in the so-called “year of HD.”



Where have we heard that term before? Why from Steve Jobs of Apple! Why would Bill Gates use Apple’s expression? It’s because Microsoft has an inkling of what’s shortly to come from Apple and wants to at least appear to have a horse in the race, which it doesn’t.

Apple last week shipped Mac OS 10.4, which they have incessantly told us we should call “Tiger,” but I prefer “10.4,” thanks. The Year of HD is dependent on 10.4 and its H.264 video codec that I believe will be at the heart of an Apple HD video download service to be announced shortly. And in 10.4, we can see the first parts of that system coming together, notably Apple’s new HD Video Showcase, which routes you right through the iTunes Music Store. Increase the video selection, add prices, and they are done.

And 10.4 gives us a peek at another evolution of iTunes, which is the inevitable expansion of the system to carry additional audio file formats. Looking at the unused iTunes icons that shipped with your new version of 10.4, you’ll notice icons for currently-not-supported ogg vorbis and Windows Media Audio (wma), as well as several others including a variety of video formats, too.

With this new information we can make a pretty good guess about the evolution of both iTunes and iPod.

When Apple feels that the success of iTunes is absolutely assured, which will be shortly, they’ll address the user complaint that iPod only supports AAC and MP3 audio by adding these additional formats, leading to increased iPod sales. And at the same time, the video icons strongly suggest that Apple will also have a video iPod this year. Apple’s own downward price pressure on portable media players gives us another element of the probable iPod strategy that harkens back to my question of a few weeks ago whether iPod is the razor or the blade. Ultimately, what Apple wants to do is make its money through iTunes, where the profit margins are better in the long term and the system is easily scalable. It was necessary

to create the iPod platform to make this happen. But downward price pressures will eventually hurt iPod profit margins and affect Apple’s stock price, so the trick is to know when to switch the business from being a mix of hardware and software to one that is software-only. That switch, which I believe to be inevitable, will happen shortly after Apple begins to license iPod clones.

But Steve Jobs HATES clones, doesn’t he? He killed the Mac clones back in the late 90s. What Steve hates is hardware competition, but iPod clones will only happen at a point when Apple has decided to get out of the business of making its own iPods. Think about it. If Apple licensed iPod technology, the company would receive from its OEMs a per-CPU license fee of anywhere from \$5 to \$25 depending on how smooth Steve is as a salesman and how desperate the would-be OEMs are for that license. As

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Con't from page 3, Wireless USB

by one of those parties, the WiMedia Alliance, of which Intel is a key member. In addition, UWB has not been approved for use by most regulatory bodies outside the U.S. because of concerns over possible interference with other wireless technologies.

Those factors cloud Wireless USB's prospects for reaching the economies of scale that will bring down costs, according to ABI Research analyst Dan Benjamin. Meanwhile, Bluetooth has gained some footing as a wireless cable replacement over the past several years and may get its own speed boost using UWB, and there is a wireless form of the IEEE 1394 interconnect standard in development, Benjamin said.

Ravencraft stands by Wireless USB's embrace of WiMedia.

"There doesn't seem to be any light at the end of the tunnel on the deadlock in the IEEE," Ravencraft said. "At some point you have to make a decision and go with it. We've done that," he added.

As for reaching low costs through economies of scale, Ravencraft is confident the U.S. is big enough to create a mass market on its own and success here will lead to acceptance elsewhere.

"When the rest of the world sees the productivity, and the revenue streams, and the employment numbers, they're going to say, 'Hey, why aren't we doing that, again?'" Ravencraft said.

Wireless USB does have backing from big names. In addition to Intel and Microsoft, the Wireless USB Promoter Group includes Hewlett-Packard Co., Agere Systems Inc., NEC Corp., Koninklijke Philips Electronics NV's semiconductor division and Samsung Electronics Co. Ltd.

There is a real demand for a high-speed cable replacement technology for some uses, ABI's Benjamin said. For example, the best way to keep a handheld digital camcorder connected to a PC would be wirelessly, without a cable to get in the way, he pointed out. But streaming the video signal would take a lot of bandwidth.

"We don't really have a way to do wireless communication at this level of speed," he said. ●

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Apple's profit drops on each iPod it makes, eventually the per-CPU figure will approach what Apple might receive from licensees. At that moment it makes more sense for Apple to license clones than it does to make more iPods. Licensing clones AT THE RIGHT TIME would lead to huge clone sales, effectively killing any significant iTunes competitor. And in the long run, iTunes is where the money is. ●

Frank & Ernest



from *MacWorld*

Mac 911 Tips

Thumbs Down to Thumbnails

When I use iPhoto to burn CDs, it burns not only the original images but also the thumbnail images that iPhoto creates. This is annoying when I'm printing the photos at a Kodak station because I wind up with duplicates, and the second set (the thumbnails) obviously looks horrible. How can I burn only the originals?—Jonathan Siegrist

When you click on the Burn button in any version of iPhoto to create a CD, it burns thumbnails along with the full-size images. Thankfully, iPhoto places these thumbnails in a folder called Thumbs. iPhoto organizes files on a CD in this way: /iPhoto Library/ year/ month/date/. It places the original photos in the date folder inside their own folder, called Originals. Therefore, if you have the option to do so, select the Originals folder and ask the photo printer to print just the images therein.

I'd be fibbing if I suggested that this was an elegant solution—many places just print everything on the CD regardless of the explicit instructions you give them to do otherwise. For this reason, I forgo burning CDs within iPhoto if I want to print pictures from that CD.

Instead, I select the option to view pictures as film rolls (choose View: Film Rolls), insert a blank CD-R, and drag the rolls I want to print to the CD. Doing this copies only the original files to the disc. Alternatively, you can create an album in iPhoto that holds the pictures you want to print. Then select all the photos in the album and drag them to the blank CD on the desktop. Now all you have to do is burn the

disc and take it in for printing.

Doing the iPod Shuffle

I find the iPod shuffle's lack of support for multiple playlists troubling. As much as I like random playback, I don't want Ella Fitzgerald next to Queens of the Stone Age next to Horowitz next to Zeppelin. Is there an efficient way to make playlists built in iTunes appear as a single track when played back on the new iPod?—Ryan Kinrade

While I'd hardly call the process efficient, it is possible to convert multiple tracks into a single track that you can then load into a playlist. Here's how:

If the files are unprotected (meaning that you didn't purchase them from the iTunes Music Store), open an audio editor such as HairerSoft's \$30 [Amadeus II](#), open all the tracks that you want to convert to a single track, create a new track, and then copy and paste all the album tracks, in order, into the new track you created. Save the file as an MP3. Now you can load this file on your iPod shuffle to play the album from beginning to end.

You can do something similar using iMovie 4 and iMovie HD. (As a bonus, with iMovie's help you can convert protected AAC files into another format.) To do the job, bring the tracks you'd like to combine into iMovie. I find that it's easiest to drag the files in from the Finder. You can also use the Audio tab and choose files from your iTunes library to add them to your iMovie project (See middle screenshot). Just drag each file into the same audio track, and you're good to go. iMovie HD won't let you export an iMovie that contains only protected audio tracks. To get around this, add a single picture from your iPhoto

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Disclaimer

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library to your movie (adding the picture isn't necessary with iMovie 4).

Now choose File: Share, click on the QuickTime tab, choose Expert Settings from the Compress Movie For pop-up menu, and click on Share. In the resulting Save Exported File As window, choose Sound To AIFF from the Export pop-up menu and click on Save. This will save only the audio portion of the movie to a file.

Finally, add the resulting file to your iTunes library (File: Add To Library) and convert it to a format compatible with the iPod shuffle—AAC or MP3. To do so, choose iTunes: Preferences, click on Importing, and choose an appropriate

***Meeting Program
for June 16th
Shelley Watson to do a demo on
the new iLIFE 05***

setting from the Import Using pop-up menu (AAC or MP3). Click on OK. Select the long track you created and choose Advanced; then select either Convert Selection To MP3 or Convert Selection To AAC. Once iTunes has converted the file, you can add it to a playlist that's loaded on the shuffle. ●

Luncheon Meeting

KMUG Meeting

May 19, 2005

Don Diehl opened the meeting with 41 members and guests present.

Dick Nerf, the club ambassador to Apple, went down through a list of titles in his Mailbox for items of possible interest to members.

Dave Middleton gave tips on loading Tiger from Adam Engst's ebook "Take Control of Upgrading to Tiger" found at www.tidbits.com. The online Take Control books are sold for electronic downloading at \$5.00/per copy.

Some of his tips: Need DVD read drive to load program with, a minimum of 256MB of RAM (512 MG better) and 2.23 memory for upgrade or 6.37 for new complete install.

There are 3 methods of installing: Upgrade

right over top of existing system. Archive and Install or Erase and Install (which is the preferred method). For this an external Hard Drive or partition is needed to back up the original system. Then Tiger tells what to bring back or safely trash.

Before starting to install it is necessary to disable third party Start-up items. Details on third party upgrades can be found at www.macintouch.com. Disk Warrior 3.0.3 update should be compatible with Tiger, but be careful with Tech Tool Pro 4.0.4.

Bruce Patrick showed a short clip on the evolving Microsoft Office:Mac from 1984 until now. Then he gave a demonstration of Word, Excel, Powerpoint, Entourage and Projects in Office Pro 2004.

The meeting closed with the awarding a door prize of Microsoft Office:Mac Pro 20004 with Virtual PC to Dee Tocher.

Phyllis Robie

***KMUG's home page is now at:
<http://www.homepage.mac.com/kmug1>***

----- ABOUT MEMBERSHIP -----

To join Kitsap Macintosh User's Group, send name, address (e-mail and snail mail) and dues (see renewal below for membership fee to:

KMUG

P.O. Box 1271, Silverdale, WA 98383

or come to one of our meetings and sign up!

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If you received a paper newsletter please check the membership expiration date on the address label.

To renew with the newsletter e-mailed to your computer, dues are \$20.

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----- ABOUT MEETINGS -----

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This month's newsletter editor was Joe Williams



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