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Apple Previews Mac OS X "Tiger"

New Breakthrough Features Extend Apple's Leadership in Software Innovation

WWDC 2004, SAN FRANCISCO— June 28, 2004— Apple® today previewed Mac OS® X version 10.4 "Tiger," the fifth major version of Mac OS X that will ship in the first half of 2005, extending Apple's leadership in software innovation. Tiger continues Apple's blazing pace of innovation with more than 150 breakthrough new features including Spotlight, a revolutionary way to instantly find any file, document or information created by any application on the Mac®; Safari™ RSS, a new version of Apple's acclaimed web browser that incorporates instant access to RSS (Really Simple Syndication) data feeds on the web; Dashboard, a dazzling new way to instantly access a new collection of accessory "Widgets;" and a new version of Apple's iChat instant messaging client with the industry's first multi-person audio and video conferencing in a stunning 3D interface.

"With OS X Apple has become, once again, the industry innovator in operating systems and Tiger will further widen the gap," said Steve Jobs, Apple's CEO. "Others are now following OS X's tail-lights, and Tiger will make it even harder for them to ever catch up."

Spotlight is Apple's new lightning fast way to find any file, document or information created by any application on the Mac. Much like users can instantly find songs in iTunes by their name, artist or album, Spotlight enables users to instantly find just about anything—including emails, presentations, images, appoint-

ments and Microsoft Office documents—then automatically organizes and displays the results by kind, time or people. Spotlight technology also powers Smart Folders in the Finder™, Smart Mailboxes in Mail and Smart Groups in Address Book that work like Smart Playlists in iTunes to automatically keep a user's information organized and updated.

Safari RSS, a new version of Apple's acclaimed web browser uses the emerging RSS Internet standard to provide instant access to the most current information from leading sites such as The New York Times, BusinessWeek and the BBC. Safari RSS automatically discovers an RSS enabled site and displays a special icon, which when pressed instantly transforms Safari into a full featured RSS reader displaying the discovered RSS feed. With Safari RSS, users can easily create their own personal news clipping service with up to the minute information from several RSS feeds merged into one easy-to-read interface.

Dashboard offers users instant access to a new class of accessory applications called "Widgets." Built on Apple's Expose technology introduced in Panther,

Tiger continued on page 3

BAC July Meeting

The July meeting will be held on Saturday June 12, at 10:00am at the Homewood Library in room 116 (lower level). The keynote presentation given by Steve Jobs at the WWDC will be shown.

Featured is a preview of the new OS X "Tiger" and new flat displays up to 30"

Come early and enjoy coffee, doughnuts and cookies, plus.....☛

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For Sale/Wanted

Do you have computer related items for sale or is there an item that you would like to purchase?

We will list the item in this space free of charge to current-BAC members.

Send information by the 25th of each month to the editor at: henryw@bellsouth.net.

BAC Disk of the Month

The BAC CDOM (Disk of the Month) is available at each BAC meeting. These CDs contain updates, shareware, and freeware.

The cost is \$2 per disk and is available at the BAC meetings from Disk Librarian Jerry Jenkins.

July 2004 CDOM Descriptions

DragThing_5.2.1...Shareware

FileMaker Pro 7 trial

Top of the line database manger trial copy.

GraphicConverter X 5.2...Shareware

Updated version of a good app to change graphics formats and to edit and correct digital photos. Requires Mac OS 10.x

GraphicConverter 5.2...Shareware

Same as above except for OS 8.5 - 9.2.2 or classic.

GL Golf 1.2...Shareware

Golf game.

iOrganizer X 5.5.1...Shareware

Advanced note pad and organization tool. Requires Mac OS 10.x

iTasks 1.4...Shareware

Super 'To Do Lister and Organizer'

N 1.2...Freeware

Nice game, try it.

Stuffit Expander 8.0.2...Freeware

VueScan X 8.0.6...Shareware

Updated, keeps getting better and covers more scanners. In most cases, it replaces and improves the original scanner driver. Requires Mac OS 10.x

Top 500 Fastest SuperComputers

www.top500.org

Saturday Q&A

Pre-Meeting

New Users Wanted!

BAC offers a new pre-meeting especially designed for new Mac users, or those experiencing basic problems with Mac hardware or software applications.

Be sure and bring your questions and we will try to work our way through all the questions and answers or point you in the right direction for additional assistance. The monthly meeting begins at 10am CDT but the Pre-meeting will begin at 930am CDT for those interested in attending. 🍏



New iMacs to Arrive in September

Apple confirmed that a new iMac is on the way, but stopped short of providing any details about the new system. The company's online store has stopped accepting orders for the current flat panel models, but Apple doesn't plan to have a replacement ready until September -- the victim of "less than perfect" planning, by its own admission.

Message Board id and password for July

The BAC Message Board is located at www.applecore.org and click on Message Board. The User id for April is: *peel* and the password is *0704*. Some browsers ask for the Name in the top box. This is the place for the user ID. 🍏

July Door Prizes

The following list of door prizes will be awarded at the July BAC meeting, 1) a copy of the monthly CDOM. Disk Librarian Jerry Jenkins will have the disk at the meeting, 2) a one-month rental of any of the instructional CDs that are in our Library. Instructional Media Librarian Luther Fuller will have the library at the meeting. 🍏

Tiger *continued from page 1*

Dashboard provides fingertip access to everyday tools and information such as stock quotes, webcams, calendars and calculators. Tiger includes several Widgets and provides a rich developer environment for developers to extend Dashboard with third party Widgets.

iChat in Tiger supports the new industry standard H.264 video codec for dramatically better picture quality with no increase in bandwidth. In addition, the new iChat adds multi-way audio and video conferencing, so that users can audio conference with up to 10 people and video conference with up to three other people using a stunning new 3D interface.



Additional new features in Tiger include:

Core Image and Core Video provide the foundation for new image and video processing applications, building on the success of Core Audio which is leading the next generation of innovative audio application development;

QuickTime® support for the next-generation MPEG-4 video codec H.264 delivers incredible scalability across the entire bandwidth spectrum, from 3G mobile media to High Definition broadcast and beyond;

Tiger can natively run 64-bit processes for database, engineering and scientific applications to take advantage of the increased performance unleashed when accessing massive amounts of memory while still running side-by-side with existing 32-bit applications;

Mac Sync using a completely new Sync engine in Tiger ensures that .Mac subscribers can synchronize their contacts, bookmarks, email preferences and calendar across multiple machines;

Automator, an innovative easy-to-use application that automates simple, complex, or repetitive tasks without requiring the user to write scripts;

Major advances to the open standards UNIX-based foundation including an updated state-of-the-art kernel with improved SMP scalability, 64-bit virtual memory, modernized network services and Xgrid, Apple's easy-to-use distributed computing software;

Improved Windows compatibility that uses powerful open standards-based networking technologies to make it even easier for Mac OS X users to access a Windows-based home directory and authenticate against Microsoft's Active

Directory; and Xcode™ 2, the latest version of Apple's powerful suite of developer tools, designed to make it even easier and faster to build innovative Mac OS X applications.

Pricing & Availability

Mac OS X version 10.4 "Tiger" will be available in the first half of 2005 through the Apple Store®, at Apple's retail stores and through Apple Authorized Resellers for a suggested retail price of \$129 (US).

More information on Tiger can be found at www.apple.com. 🍏

Apple Extends iBook Logic Board Repair Program till December 18, 2004

What's new with the iBook Logic Board Repair Extension Program?

This expansion to the iBook Logic Board Repair Extension Program is the inclusion of certain additional iBooks to the existing program. The Expanded iBook Logic Board Repair Extension Program is a worldwide program covering repair or replacement of the logic board in iBook models manufactured between May 2001 and October 2003 that are experiencing specific component failures.

How long is the Expanded iBook Logic Board Repair Extension Program available?

The program covers affected iBooks for three years after the first retail sale of the unit or until December 18, 2004, whichever provides longer coverage for you. Apple will continue to evaluate the repair data and will provide further repair extensions as needed. 🍏

<http://www.apple.com/support/ibook/faq/>

Number Please...

by Luther Fuller

Over a year ago, I became frustrated because I couldn't dial a phone number from Address Book by simply clicking on it. I could create an e-mail by just clicking on an e-mail address, then selecting Send Email from the popup menu. So why couldn't I do the same for a phone number?

I searched for applications that were able to dial the phone via the modem and found quite a few of them. I downloaded and tried ABDialer, Jon's Phone Tool, MacDialer and Phoner. All of these are shareware and can be downloaded from versiontracker.com. Some worked better than others, but all suffered from the same problem ... they were too complicated. I wanted something so simple that I could open Address Book, go to the person I wanted to contact, then simply click the phone number. Today, I discovered exactly what I wanted! It's called DialWithModem.

Go to the web page

http://homepage.mac.com/javier_diaz_r/eng/resources.html

Number Please *continued on page 5*

Hints&Tips

www.mac-hints-tips.com



Free Panther Tutorials

There is a nice set of Panther tutorial QuickTime movies at

www.atomiclearning.com/freemacosxpanther

Mouse Droppings, Corvallis OR

Where'd My Fax Go?

In Panther, you can fax any document directly from the Print dialog box. To see which faxes were sent successfully, launch the Printer Setup Utility (in Applications/Utilities) and choose View > ShowFax List.

Design Tools Monthly



TextEdit

Page Breaks in TextEdit

TextEdit is a wonderful word processor, except that it won't do page breaks, headers, or footers.

It turns out that you can enter a page break into a TextEdit document when you use "Wrap to Page" by typing Control/Q then Control/L.

Mike Morton

LIMac Forum, Long Island NY

If I'd Have Known This When I Was an English Major Project Gutenberg (<http://www.gutenberg.net/>)

has most every "classic" work of English literature available as a free text file. (If it was published before 1923 then copyright has expired and one of their volunteers may be digitizing it now if they haven't already.) This is double fun for your Mac. Not only can you download everything from Tarzan to the complete works of Shakespeare for free, but the complete search features of your computer can now be unleashed on the great works of history, from TextPad's Command/F find, to the Terminal window's GREP and Perl.

Washington (OR) University MUG



Apple Mail

Sending Windows-Friendly Attachments

If you frequently send email with attachments between Mac and Windows machines, I am sure you have at one time or another found that the Windows user was unable to open your attachments. Here are a couple of things to keep in mind in Mac OS X Mail to make your mail more Windows friendly.

1.) In OS X Mail, go under the Edit menu, choose "Attachments," and then select "Always Send Windows Friendly

Attachments." If you always send Windows-friendly attachments, sometimes your Mac recipients will not be able to open the files or they may be missing the preview icon for the file. To prevent this, you can choose to use Windows friendly attachments on a per message basis by selecting the Windows Friendly check box on the Attach dialog box for that message. I leave the Windows Friendly box checked all the time and have not had any problem with Mac users unable to read my attachments.

2.) When sending attachments to Windows users, always use filename extensions, such as .doc, in the names of files you send to Windows recipients.

Small Dog Electronics



Apple to Provide a Clustered Supercomputer to Huntsville Firm, one of the world's fastest

Apple Computer Inc. announced the sale of 1566 dual processor 1U rack-mount 64-bit Xserve G5 servers to Huntsville, AL. based COLSA Corp., which will be used to build what is expected to be one of the fastest supercomputers in the world. The \$5.8 million cluster will be used to model the complex aero-thermodynamics of hypersonic flight for the U.S. Army.

"We did about a year and a half of research on a variety of processors before making our decision," Dr Anthony DiRienzo, executive vice president at Huntsville, AL. based COLSA Corp., told MacCentral. "We did a best value competition and Apple won that competition. It was based on performance; the facility (power requirements, floor space etc.); cost; and an assessment of vendor stability. We solicited to six companies and they won."

The supercomputer, named MACH 5, is expected to deliver peak performance capability of more than 25 TFlops/second. In comparison, the Virginia Tech supercomputer announced last year attained sustained performance of approximately 10 TFlops/second, according to Apple director of product management, server hardware, Alex Grossman.

With those numbers, the MACH 5 would rank second only to Japan's \$350 million Earth Simulator computer.

"We evaluated PC-based proposals from other vendors but none came close to delivering either the price, performance or manageability of the AppleXserve G5," said DiRienzo.

The Xserve G5 supercluster system is expected to be online and working for the Aviation and Missile Research, Development and Engineering Center (AMRDEC) division of the US Army Research and Development Command by late Fall. Shortly, DiRienzo said they would take delivery of 300 Xserves a day, set them up in the racks and the next day begin the process again until all of the Xserves are installed and working. www.colsa.com/cover_page/news_front/news_details/htmnews_details.htm 🍏

Apple Unveils 30" Cinema HD Flat Display

New Family of Widescreen Displays for Power Mac, PowerBook & PCs

Apple® unveiled a new family of widescreen flat panel displays featuring the 30-inch Apple Cinema HD display, a professional-quality, wide-format active-matrix LCD with 2560-by-1600 pixel resolution—the largest high resolution display ever created. Rounding out the new lineup are new 23-inch and 20-inch Cinema Displays, offering creative professionals and prosumers the highest quality flat panel displays in the industry. The new displays feature dual FireWire® and dual USB 2.0 ports built into the display and use the industry standard DVI interface for a pure digital connection with Apple's latest Power Mac® and PowerBook® systems, as well as PCs with a DVI connector. Two 30-inch Cinema Displays can be driven simultaneously from Apple's new Power Mac line of desktop workstations, offering professional users a desktop of 8 million pixels.

"Our gorgeous new 30-inch Cinema Display is the largest desktop canvas ever created, and you can even run two of them side-by-side to get 8 million jaw-dropping pixels," said Steve Jobs, Apple's CEO. "Apple's Cinema Displays have always set the bar for the industry's highest quality displays, and our new 30-inch display is a giant leap forward for our pro customers."

The new Apple Cinema Displays feature an all new aluminum design with a very thin bezel, suspended by an aluminum stand with an adjustable hinge that makes tilting the display almost effortless. Each Cinema Display features two FireWire 400 ports and two USB 2.0 ports, making attachment of desktop peripherals, such as a keyboard, mouse, iPod®, iSight™, digital and still camera, hard drive, printer and scanner, even more accessible and convenient. The new displays support the Video Electronics Standards Association (VESA) mounting interface standard. Customers with the optional Cinema Display VESA Mount Adapter kit can mount their display in locations most appropriate for their work environment.

Apple's new family of displays offers the widescreen design (16:10 ratio) coveted by creative professionals who want access to more horizontal workspace. The Apple Cinema HD 30-inch display has an unbelievable 2560-by-1600 pixel resolution and the 23-inch Apple Cinema HD display has a 1920-by-1200 pixel resolution, both capable of displaying High Definition Television (HDTV) content with room to spare. The new 20-inch Apple Cinema Display® professional-quality flat panel offers a 1680-by-1050 pixel resolution, more than enough room to edit images with all of the palettes on-screen.

Apple flat panel displays provide maximum color quality using the industry's best wide-viewing angle technology of up to 170 degrees even when viewing images off-axis. With

a broad color gamut that stays consistent edge-to-edge, Apple flat panel displays have been certified by SWOP Incorporated as part of the ICS Remote Director product, the first display-based proofing system created to approve jobs for press production on-screen without the need for hard-copy proofs—an innovation that can result in significant time and cost savings for print professionals.

The 20-inch Cinema Display and the 23-inch Cinema HD Display are designed to work with DVI equipped Power Macs, PowerBooks and Windows-based computers. The advanced design of Apple's breakthrough 30-inch Cinema HD Display requires the high-performance NVIDIA GeForce 6800 Ultra DDL graphics card and a Power Mac G5 professional desktop. Providing the most advanced graphics architecture available, the NVIDIA GeForce 6800 Ultra DDL graphics card offers the latest graphics programmability for on-screen cinematic realism and an astounding bandwidth throughput of up to 35.2 GB/sec to support incredibly high pixel fill rates of 6.4 billion texels a second. The first card to provide support for two high resolution dual link interfaces, the NVIDIA GeForce 6800 Ultra DDL graphics card provides two DVI connectors so that two 30-inch Cinema HD Displays can be used with the Power Mac G5 desktop, resulting in an unprecedented amount of screen workspace.

Pricing & Availability

The 20-inch Apple Cinema Display and 23-inch Apple Cinema HD Display will be available in July, and the 30-inch Apple Cinema HD Display will be available in August, through the Apple Store® (www.apple.com), at Apple's retail stores and Apple Authorized Resellers for a suggested retail price of \$1,299 (US), \$1,999 (US) and \$3,299 (US), respectively. The NVIDIA GeForce 6800 Ultra DDL graphics card will be available through the Apple Store (www.apple.com) in build-to-order configurations of the Power Mac G5 as well as standalone kit in August for a suggested retail price of \$599 (US). 🍏

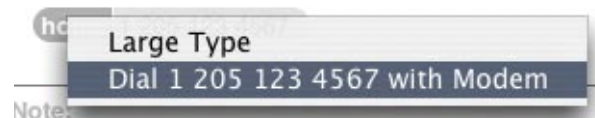
Number Please *continued from page 3*

then scroll down about half-way until you see

Dial with modem (DialWithModem.dmg)

Simple program to dial phone with a modem. Click on DialWithModem.dmg to begin the download. It's a very small file and takes only seconds to download. And it's **free!**

The Install.rtf document explains installation in a few words. First, you put the file DialWithModem.scpt in the startupdisk/Library/Address Book Plug-Ins folder, then you put the file dialModemOSAX.osax in the startupdisk/Library/ScriptingAdditions folder. Now, when you need to dial a telephone number from Address Book, you just press the mouse on the label, then choose Dial ... from the popup menu. Like this ...





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