

\$3

Volume 30, Issue 11



mini'app'les newsletter

the minnesota apple computer users' group, inc.

NOVEMBER 2007						
SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6 OS X 7:00	7	8	9	10
11	12	13	14 7:00	15 6:30	16	17
18	19	20	21	22 7:00	23	24
25	26 Q&A 7:00	27	28	29	30	

2
OS X

OS X SIG
Atomic / The Foundation
901 North 3rd street Suite #115
Minneapolis, Minnesota 55401

14

AppleWorks SIG
Penn Lake Library
8800 Penn Ave S Bloomington, MN
John Hunkins, Sr. 651-457-8949
hunkins@mac.com.

14

Microsoft Word SIG
Eagles lodge
9152 Old Cedar Ave. Bloomington
Tom Ostertag, E 651-488-9979

15

Macintosh Consultants SIG
Perkins 7:00 AM
6920 Wayzata Blvd
Golden Valley
Bob Demeules, 763-559-1124

22

FileMaker Pro SIG
Partners
2250 terminal Road
Roseville, MN
Steve Wilmes 651-458-1513

26
Q&A

Macintosh Q & A SIG
Questions & Answers
Merriam Park Library
1831 Marshall Avenue St. Paul
Les Anderson 651-735-3953

VectorWorks SIG
CJR Office
Charles Radloff 952-941-1667

For the latest information please visit <http://www.miniapples.org>



mini'app'les

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P.O. Box 796, Hopkins, MN 55343

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Apple II	Owen Aaland

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Questions – Please direct questions to an appropriate board member. Users with technical questions should refer to the Members Helping Members section.

Dealers – mini'app'les does not endorse specific dealers. The club promotes distribution of information which may help members identify best buys and service. The club itself does not participate in bulk purchases of media, software, hardware and publications. Members may organize such activities on behalf of other members.

Advertisers – For information, see Newsletter Ad Rates box within this issue.

Newsletter Contributions – Please send contributions directly to our Post Office, Box 796, Hopkins, MN 55343, or tostertag@usfamily.net

Deadline for material for the next newsletter is the 1st of the month. An article will be printed when space permits and, if in the opinion of the Newsletter Editor or Manager, it constitutes material suitable for publication.

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mini'app'les BBS – Internet only access

mini'app'les WWW site: <http://www.miniapples.org>

mini'app'les e-mail: miniapples@mac.com



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CHANGE OF ADDRESS

Moving? Going to be away from home and leaving a forwarding address with the Post Office? Please send us a Change of Address when you are informing others. By using a moment of your time and a few cents to drop us a card, you save the club some money and you get your newsletter delivered promptly to your new address. If you don't inform us, the Post Office puts your newsletter in the trash (they don't forward third class mail) and charges the club for informing us of your new address. Change of Address should be sent to the club's mailing address: mini'app'les, Attn: Membership Director, Box 796, Hopkins, MN 55343.

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December 2007 Preview

Here is the tentative calendar of our Special Interest Group (SIG) meetings for December 2007. Please pencil these events on your calendar. As always, when doubtful of a SIG date, time, or location, confirm with one of the following:

- At www.miniapples.org
- The cognizant SIG Leader

Monday	December	3	Board of Directors meeting
Tuesday	December	4	OS X SIG
Tuesday	December	?	VectorWorks SIG
Wednesday	December	12	Microsoft Word SIG
Wednesday	December	12	AppleWorks SIG
Thursday	December	20	Macintosh Consultants
Thursday	December	27	FileMaker Pro SIG

Members Helping Members

Need Help? Have a question the manual doesn't answer? Members Helping Members is a group of volunteers who have generously agreed to help. They are just a phone (or an e-mail) away. Please call only during the appropriate times, if you are a member, and own the software in question.

Apple II / IIGS Software & Hardware	1, 2, 3
AppleWorks / ClarisWorks-Draw	3, 4
Classic Macs	
Cross-Platform File Transfer	2
FileMaker Pro	
FirstClass	
Intel Based Macs	
iMacs	
iPhoto / iTunes / iMovie	
Mac OS Classic	3
Mac OS X	
MacWrite Pro	
Microsoft Excel	2, 5, 8
Microsoft Word	2, 8
MYOB	5
Networks	7
New Users	1
PhotoShop	
QuarkXPress	8
Quicken	5
QuickBooks and QuickBooks Pro	5
VectorWorks	6

1. Les Anderson	651-735-3953	DEW
2. Tom Ostertag	651-488-9979	EW
tostertag@usfamily.net		
3. Bruce Thompson	763-546-1088	EW
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6. Charles Radloff	952-941-1667	D
7. Chuck Hauge	612-963-5064	DEW
Chaz@CPHSolutions.com		
8. Ron Heck	651-774-9151	DEW

D: Days, generally 9 a.m. to 5 p.m.
 E: Evenings, generally 5 p.m. to 9 p.m.
 W: Weekends, generally 1 p.m. to 9 p.m.

Volunteers needed for members helping Members.

Please call at reasonable hours, and ask if it is a convenient time for them. By the way, many of these volunteers can also be contacted on our BBS. We appreciate your cooperation.

If you would like to be a Members Helping Member volunteer, please send an e-mail message to John Pruski on our BBS, or call him at 952-938-2818, with your name, telephone number, contact hours, and the software or hardware areas you are willing to help others.

Newsletter Ad Rates

1/12 page	2.25" Width x 2.5" Height.	\$5
1/6 page	2.5" Width x 5" Height	\$10
1/3 page	2.5" Width x 10" Height Vert or 5.5 H.	\$20
1/2 page	7.5" Width x 5" Height (save 5%)	\$30
2/3 page	5" Width x 10" Height (save 7%)	\$40
Full page	7-1/2" Width x 10" Height (save 15%)	\$60
Outside back cover	7-1/2" Width x 7-1/2" Height	\$50
Inside back cover	7-1/2" Width x 10" Height	\$60

All ads must be prepaid and submitted on electronic media. Ads of \$20 and under must run for a minimum of three months.

mini'app'les will accept all ads for publication that do not affect our nonprofit status, or the postal regulations dealing with our nonprofit mailing rates. Examples of ads that will be rejected are; but not limited to, ads that:

1. endorse a political candidate or cause
2. attack a person or cause
3. are in "bad taste" (x rated or similar)
4. expound or demean a religion or practice.

Ads should be for a product or service. Because of our nonprofit mailing rates we must limit ads that are not related to computers.

Mail inquiries to: PO Box 796, Hopkins, MN, 55343
 Phone inquiries to: John Pruski, 952-938-2818

mini'app'les Directors Meeting Minutes for October 1, 2007

Submitted by Harry Lienke

In attendance: Bert Persson, Don Walz, Chuck Hauge, John Pruski, Kevin Stryzik, Harry Lienke, Erik Knopp, Bruce Thompson
Absent: Les Anderson, Tom Gates

Agenda: See the Old Business and New Business items

Minutes: The minutes for the August 6, 2007, meeting were approved electronically and published on the club BBS and on forumer.com on August 13.

Directors Reports
These reports were skipped so more time could be devoted to discussion of the budget.

Old Business
Jonah Cagley representing Yugma, Inc. - Bert reported that Cagley will run a newsletter ad in November and December. John has the ad. The check is in the mail.

Group promotion and SIG descriptions - Pam Lienke provided an AppleWorks description. Kevin will get descriptions for the other SIGs and a write-up extolling the advantages of belonging to the mini'app'les.

OS X SIG leader - Bob Demeules is leading the OS X SIG and communicating with the SIG attendees via email.

Benefits list update - Chuck asked John to remove "and evangelism" from the list of membership benefits.

Adding email addresses to the Members-Helping-Members list - Chuck is providing John with a list of email addresses for that list.

Move of club BBS to forumer.com - Chuck indicated that all web sites providing a free service like forumer.com disallow attachments to posts. There was insufficient time to explore this topic so further discussion was postponed to the next meeting.

Multi-SIG meeting site - Tom Gates did not provide any additional information.

Compensation for Buchner - Tom Gates did not provide any additional information.

IRS info - Tom Gates did not provide any additional information.

Budget - Bert provided updated copies of his previous proposal eliminating the newsletter, both hard-copy and electronic. He proposed the web page should carry all information previously included in the newsletter. To make club membership more valuable, Bert feels all information should be present on the web site; the web site should not just consist of lots of links to other web sites. Bert indicated a preference for reducing the number of major SIGs to two: Mac OS X and iLife / iWork; specialty SIGs like the FileMaker, Consultants, and VectorWorks would continue as is. Better communication of SIG meeting dates, locations, and topics is a must. Bert said he had not taken a detailed look at a budget but felt \$10 should be sufficient membership dues to keep the club solvent. Membership renewals would still be handled through snail mail so the Post Office expenses would not be reduced to \$0. Bert pointed out that his proposal does not require each member to have an internet connection; access to the internet via a public library terminal is all that is required.

Examination of detailed budgets submitted by Tom, Les, and Harry showed that elimination of the costs of printing a newsletter would result in a reduction of expenses so the club would remain solvent at the current membership level and possibly allow the membership dues to be reduced.

In response to questions about the need for hard-copies to use in the recruiting of new members, John volunteered to design a new flyer for advertising the club.

There was some discussion whether we should have a single BBS or keep both First Class and forumer.com active. This discussion will be continued at a future meeting.

Chuck felt we should push information to members via a monthly email newsletter rather than relying on

members accessing the club web site to get that information. Most directors agreed with Chuck's point of view.

The following motion was made and seconded: By March phase out the formal newsletter but have a monthly electronic newsletter distributed as deemed appropriate by the BOD. The motion passed by a vote of 5 to 0 (note that the [acting] president can vote only in case of a tie).

It was decided we need a front page notice on the remaining hard copy newsletters to communicate the newsletter change and to ask all members to provide an email address so they can receive the electronic newsletter. Members who do not have or choose not to provide an email address will need to access the electronic newsletter on the web site.

We will continue to use snail mail to inform members of their need to renew their membership and for members to send their dues to the Membership Coordinator. Chuck will investigate the possibility of making new membership / renewal payments available via an online service such as PayPal, as well as including a snail-mail option. The Directors need to discuss whether a membership dues change is appropriate; if so, the amount and timing of the change need to be established. A suggestion was made to extend existing memberships if dues are reduced; the length of each extension would be determined by the amount of the dues reduction and the time remaining on each membership.

New Business

Audit of the books - Bruce Thompson agreed to do the audit. Don needs to provide the financial data to Bruce.

Insurance bill from the Hartford - Don says our contract ran out so we should not be expected to pay. Don will contact the insurance company in writing.

Next meeting: Scheduled for December 3, 2007, at the Merriam Park Library at 7:00 pm. All club members are welcome to attend.

Backup devices economically keep precious data safe

Submitted by Les C. Anderson

Backup devices economically keep precious data safe

By JULIO OJEDA-ZAPATA

TwinCities.com-Pioneer Press

Article Launched:10/08/2007 12:01:00 AM CDT

Have you backed up your data today?

You're taking a huge risk if you store your priceless photos, home movies, e-mails and the like on your computer's hard drive without stashing duplicates of the files elsewhere. Hard drives are mechanical devices with moving parts and will break down sooner or later.

In a recent column, I discussed online options for backing up data. These are useful but limited. It's impractical to transfer all your data - typically gigabytes and gigabytes of files - into cyberspace, given relatively pokey Internet connections and pricey e-storage services.

So, you should get a secondary drive. This device hooks up to your computer and stores duplicates of all the files on your main drive. These gizmos typically have more than enough capacity, and their prices won't break the bank.

But there is a dizzying range of them. I selected three to test based on two key criteria: They had to be consumer-friendly and compatible with Macintosh machines as well as Windows PCs.

Maxtor OneTouch 4 Plus. This cool-looking metal monolith stands upright on your desk and connects to your computer via a Universal Serial Bus or FireWire 400 connection. All computers have slot-like USB ports; all Macs and many PCs also have oval-shaped FireWire 400 ports.

The OneTouch 4 includes easy-to-use software for automating backups. This means you can set your computer and external drive to, say, back everything up at 11 p.m. every day.

The software also has a "Sync" feature for keeping files synchronized

between two computers; you pick folders to sync, then connect the drive to another computer to finish the sync. (This seems like a hassle.)

This drive is a fine choice for Windows users because of a SafetyDrill feature not available to Macintosh users. It lets you create an "image" of your drive, essentially a snapshot at a particular point in time. If your drive then goes south, that image gets you up and running on a fresh computer drive with all your data and apps - ready to go.

The drives, starting at \$130, have capacities from 250 gigabytes to a whopping 1 terabyte (the latter due this month).

Non-Plus versions of the OneTouch 4, starting at \$100 and ranging from 250 to 750 gigabytes, sell without backup software - they're just big storage receptacles. If you already have backup software, or just like to back things up manually, these drives are for you.

The drives are called OneTouch because you can initiate backups with a touch of a button.

Newer Technology miniStack v3. This flattened storage device with rounded corners looks just like Apple's miniature Mac mini computer - no coincidence, since the mini and miniStack are designed to be stacked.

The miniStack v3 isn't just for Mac mini users. Like Maxtor's OneTouch 4 Plus, this is serious storage for PC users as well as Mac-heads. The miniStack has several notable extras.

It sports two FireWire 800 ports as well as a FireWire 400 port. Yes, there are two flavors of FireWire. The 400 kind is fast, but 800 is way faster.

Most consumers don't require such blazing speed. But if you buy one of Apple's iMac desktop computers, you get both kinds of FireWire, so it makes sense to buy a backup drive that will fully exploit this technology. Most consumer-grade Windows PCs don't have FireWire 800.

The miniStack has another feature

with PC and Mac appeal: It doubles as a USB hub. When you link the drive to your computer via a master USB port, you can then hook gizmos (such as your keyboard and mouse) directly to the drive via several secondary USB ports. This is very handy.

I ran into a problem, though. When both USB and FireWire 800 cables are connected, the mini-Stack is supposed to favor the faster FireWire during data backups. But my loaner miniStack defaulted to the pokier USB. Newer Technology said this was an issue with some of its miniStacks and sent me a replacement that worked as advertised.

For storage supergeeks, the miniStack also sports an eSATA port. This is an alternative to USB and the FireWires but likely irrelevant to most average buyers.

The miniStack starts at \$170, with capacities from 160 gigabytes to 1 terabyte. Newer Technology also offers a v2 miniStack without FireWire 800 and eSATA.

Imation Odyssey. Now for something different: Minnesota-based Imation has a cartridge approach to backup, which makes for essentially infinite capacity. When you fill up one compact cartridge, just buy another.

The cartridges slide into an external docking device. You can also install an internal docking station that takes up a PC's now-obsolete floppy-diskette bay.

This approach offers several advantages. You can put your most-valuable information on a cartridge, then eject it and store it at another location (a bank safe-deposit box, say) to ensure your data's survival even if your home office burns to the ground. You can then use another cartridge for routine backup. If you have a lot of data to back up, use more than one cartridge (the included backup software helps you divvy it up).

The cartridges are supposed to be rugged and reliable even though they're hard drives, not solid-state storage.

The Odyssey devices are completely Windows- and Macintosh-compatible - just use appropriate drive formatting so your cartridge is compatible with your computer. I had little trouble formatting a cartridge for use with Windows Vista and then reformatting it for use with Mac OS X. (Basic Windows formatting makes a cartridge PC- and Mac-ready).

Odyssey isn't a budget option. The cartridges are pricey at \$100 for 40 gigabytes, ranging up to \$280 for 250 gigs - that's about what a 500-gig miniStack V3 and a 750-gig OneTouch 4 costs you. Starter kits, with an external docking bay and a cartridge ranging from 40 to 120 gigabytes, run from \$250 to \$350.

But Imation is aiming its hardware at small-business and home-office users who demand reliability and durability.

GO PORTABLE

The above drives are intended to remain stationary (at least most of the time). But what if you want to take your data with you? You'll need a portable drive instead of a bulkier

desktop model. Here are three approaches:

OneTouch 4 Mini. Maxtor sells a mobile version of its OneTouch 4, starting at \$100 with capacities ranging from 80 to 160 gigs. The drives include backup software, the same kind that is included with those bigger OneTouch 4 Plus drives. This software includes encryption features for protecting data, which is of particular concern when on the go.

This works on PC and Mac.

Seagate FreeAgent Pro. This drive, from the same folks responsible for the Maxtors, is a different animal. It's for those who move from PC to PC and crave consistency on all PCs. So the drive replicates Windows settings and provides mobile versions of common apps that run right off the drive. The drives start at \$79 with 80 to 160 gigabytes.

This is for Windows use.

Apple iPod classic. Most iPods double as data drives for moving PC or Mac files around but tend to have scant space once users load up their tunes, photos and videos. This has changed

in a big way with the "classic" models, the largest of which has a mind-blowing 160 gigabytes (for \$350) - more than many have on their computer hard drives.

This works on PC and Mac.

Julio Ojeda-Zapata covers consumer technology. Reach him at jojeda@pioneerpress.com or 651-228-5467. Get more personal tech at yourtechweblog.com and twincities.com/techtest-drive.

-- Maxtor OneTouch [maxtor solutions.com](http://maxtor.com/solutions.com).

-- NewerTech miniStack newertech.com/products

-- Imation Odyssey imation.com/odyssey

-- Seagate Free Agent seagate.com/freeagent

-- Apple iPod classic apple.com/ipod-classic

The Miniapples Newsletter is fading away

Submitted by Bert Persson

In today's digital world of communication and the ever increasing cost of mailing we will be phasing out the Newsletter as of the March 2008 issue. For several years now we have received very little original material that would be of interest to our members. Instead we have to a large extent simply republished material that is available on the Internet. The only information unique for our group has been the monthly calendar which by the way has also been published on our web site

(WWW.miniapples.org). We believe, a large majority of our members have access to the Internet at work, home or through their local library and could get the calendar information that way.

A large portion of our budget is devoted to printing and mailing of the Newsletter as well as the labor involved in it's production. This becomes an issue with fewer members and thereby an increase in mailing cost per Newsletter.

Instead of the Newsletter we will focus on distributing relevant club information on our web site.

Any cost savings from this action could be passed on to our members. It may be an inconvenience not having a Newsletter to pick up and I can certainly understand that, but the financial savings and work involved for our staff would be beneficial. An electronic Newsletter would still involve article submissions, and production layout even if the printing and distribution cost are eliminated

Bert



Attention All Mac Users!



Now you can easily meet, collaborate, and learn on the web with anyone, anywhere, anytime.

Yugma is the easiest web collaboration service for Mac, PC and Linux users that's FREE FOREVER.

Yugma Works

- Instant desktop sharing
- Remote control
- Virtual meetings and web conferencing
- Invite up to 10 people for free (upgrade to host up to 500)
- Whiteboard, annotate and share files
- Record & webcast your content
- Free teleconferencing included
- Easy, secure and reliable

Get Your FREE ACCOUNT

Why struggle with expensive services like Webex and Go to Meeting when Yugma gives you everything you need. Get your free account at www.yugma.com.

Yugma Gets Rave Reviews

- 2007 Webware 100 Awards Finalist
- Featured in the StarTribune & Minnesota Technology Magazine
- New version integrates with Skype
- Visit our blog and read reviews from real users:
 - "Working together, for less" - Steve Alexander
 - "Yugma is one big killer web app!" - TechBuzz
 - "...Yugma ROCKS for web conferencing!" - The Business Web



www.yugma.com

Brenwood Office Park II
5700 Smetana Drive, Suite 100
Minnetonka, MN 55343
952-400-0357

GETTING STARTED WITH FORUMER.COM

The Minnesota Apple Computer Users' Group, the mini'app'les, has established a bulletin board service (BBS) using the facilities of forumer.com. Everyone is encouraged to make use of the BBS to ask and answer questions that cannot wait until the next Special Interest Group (SIG) meeting. Although guests can make use of this new BBS, mini'app'les members have some special privileges and, so, should register as members to take advantage of those privileges.

Getting started is easy. Connect to the internet and fire up your browser. Navigate to the mini'app'les BBS on forumer.com either by entering **HYPERLINK** "<http://miniapples.7.forumer.com/index.php>" <http://miniapples.7.forumer.com/index.php>

into the Address Bar of your browser or by going to the mini'app'les web

site at **HYPERLINK** "<http://www.miniapples.org/>" <http://www.miniapples.org/> and clicking on the mini'app'les Forums Quick Link on the left side of the window. This brings up a window like the one in Figure 1.

Figure 1. mini'app'les forumer.com Starting Window

The registration process begins when you click the "Register" text button at the right of the row of buttons just under the "mini'app'les forums" heading. At the click of that button, a new window appears; this window contains the registration agreement terms. If you agree to the terms and conditions, you need to click the appropriate line under that text to proceed. The next window asks you to enter your registration information and to set your initial preferences (see

Figure 2).

Figure 2. Registration Window

You must enter a username and password. The username need not be (but can be) your given name; two usernames currently in use are Ottertail and Hunt. An email address is required as part of the Registration Information because that is how the administrators communicate with individual members and how you are informed if you have received a Private Message from another member. To keep the nasty folks who patrol the internet from accessing your account, the password should be at least eight characters long and should be a combination of lower case letters, upper case letters, numbers, and special characters. The Confirmation Code is used to prevent the software of those nasty folks from

registering automatically and thus save much grief and work for our forum administrator. The default values shown for the Preferences are quite sensible and can be accepted as is; the preferences can be changed once you have been registered as a mini'app'les member. After you have established your Registration Information and Preferences, click the "Submit" button at the bottom of the window. This sends a message to our friendly administrators telling them you would like to be registered for the mini'app'les forums.

Your submittal of a registration request sets off a series of emails. The first email shows the username and password you entered as well as letting you know the administrator must approve your registration request and establish an account for you; save this email so you can check your username and password if you are unable to log in to the forums later. The second email lets you know your account has been established and you may now log in to the mini'app'les BBS. The third email informs you that you have been added to a particular group; different groups have different privileges in the forums. If the administrator was unable to identify you as a mini'app'les member and assigned you to the "Guest" group, you will receive an email letting you know you have a private message on the BBS. Clicking the link contained in the email takes you to the window shown in Figure 3.

Figure 3. Logging in to Check a

Ease of Apple's Bootcamp Installation & Others

Submitted by Chuck Hauge

Personally, I thought Bootcamp was very easy to install, hey, this is Apple we're talking about, remember?!

The general procedure is:

- 1) Download Bootcamp 1.4 beta (version at time of writing this) at: <http://www.apple.com/macosx/bootcamp/>
- 2) Run the installer, which will create a driver CD for you (you just need a CD burner and blank CD)
- 3) Use the included Bootcamp hard drive partitioner/formatter to partition/format your hard drive (do not

Private Message

Unlike many (most?) sites which automatically place the cursor in the starting text box, former requires you to click in the text box for the username first. Then enter the username and password you provided when you registered and click the "Log in" button; if you forgot the username and/or password or you are unable to log in, check the first email you received for the correct information. Once you have entered the correct information, you are taken to the screen shown in Figure 4.

Figure 4. Accessing Private Messages

Click the name of the message ("Welcome" in this case) and a new window appears, allowing you to read the Private Message (the new window is not shown here). The message tells you why you were placed in the Guests group and asks you to identify yourself if you are a member. Click either of the "Post Reply" buttons in the window and, in the "Reply to a private message window," enter a message identifying yourself to the administrator (this window is not shown here); click the "Submit" button after your message has been entered. An interim window appears for a short time before you are returned to the window of Figure 4. At this point, you may access the messages in the forums as a guest by clicking on the "Miniapples Forum Index" text button in the middle of the window, point your browser at a different

web site, or quit your browser.

After you have received an email from the administrator indicating you may now access the BBS with all the privileges and responsibilities of a member, you can log in by navigating to the web site as described at the start of this article to the window shown in Figure 1. Click the "Log in" button next to the "Register" text button and a window like that of Figure 3 appears. Enter your username and password as before and click the "Log in" button. A window similar to Figure 1 appears; any forum with a message you have not read has a green apple next to it.

Happy browsing!
October 8, 2007

Page PAGE 1 of NUMPAGES

1

Register text button

Log in text button

Confirmation code

Miniapples Forum Index text button

use any other partitioner). I suggest using the FAT32 format, unless you have "special" software where you can access an NTFS partition from Mac OS X.

4) Install windows, and when requested, use the driver CD that you created in step 2, above. You can install Windows XP or Vista, I'd suggest XP, and I believe it has to be a 32-bit version, not a 64-bit version.

Ok, step 4 isn't quite so easy, as it's NOT Apple software you're installing, and I recall the Windows install hiccupped once on me, requiring me to "reinstall" Windows. Installing and updating Windows will take several

hours, expect a good 4-8 hours depending upon your familiarity with it.

Now, here's the really COOL thing about Bootcamp and what can be referred to as the "rocking" software, Parallels. Once you have installed Bootcamp, you can use the same installation for Parallels. You may ask, "What the heck does this mean?" Let me tell you.

It means that if you are using OS X and don't want to reboot into Windows, you can run Parallels, using the very exact same installation of Windows that you used when you

installed Bootcamp. So, if you have all your Windows apps and files in the Bootcamp installation, and maybe even have a favorite desktop you put into your Bootcamp installation, it will be all "identical" in Parallels. "Everything" will work just as if you booted directly into Windows. (Please note that I quoted the words "identical" and "everything", as it is not exactly identical, and not quite everything is the same, but as long as you're not using some funky USB or Bluetooth devices, playing some graphics intensive entertainment software, or otherwise trying to take over the world from a Windows machine, all the "normal" stuff will be identical and everything will work normally. The normal stuff is things like MS Office apps running in Windows, and things that don't make you say, "Wow!")

So, then, when you do boot your computer in Windows (Bootcamp), all the changes you made in Windows-Parallels will be reflected in Windows-Bootcamp. Make sense now? How about a somewhat possible real-world example...

Let's say you're at a coffee shop and you need to get to a web page that requires Windows 7 (say it ain't so!). But you're in OS X, and battery power on your MacBook Pro is a little low so you don't want to reboot in fear that shutting down and booting into Windows may sap your battery's last remaining high-energy electrons. You remember you installed Windows XP only in Bootcamp, but you also installed Parallels, and never got around to installing Windows in Parallels directly. So, you wisely click on Parallels on your Dock, which starts up and you go through a little process to identify the Bootcamp par-

tion from your Parallels setup. Press "Start Windows XP". From what I've seen, Windows boots faster in Parallels, than it does when booting in Bootcamp, maybe it's just me, but there you have it, other opinions welcome.

The very first time you boot a Bootcamp partition in Parallels, Parallels has to do some "stuff" to get it to work for it, but it will not affect your Windows from booting normally directly in Bootcamp. The other advantage to this is that Parallels has a "free" anti-virus program you can install in Windows, so that way your version of Windows is protected (well, kind of protected, anyway).

Now, open up Explorer 7 in Windows and go to your web page. Copy and paste or whatever you needed to do from this web page, and then you realize that you have to use Outlook to get a certain file that can only be viewed in Outlook 2007 (weird, huh?) So you run Outlook 2007 in the Bootcamp partition, running Parallels, in OS X. You get your file in Outlook 2007, and then you close all Windows apps down. Last you shut down Windows (you have to shut down Windows when using a Bootcamp partition in Parallels before you quite Parallels, according to Parallels, "bad things may happen if you don't"). You quit Parallels, and suddenly your battery forces your Mac into energy save mode, and puts your computer to sleep... Phew, just in time!

Later on at home, you plug in your laptop and decide you want to look at that file in Outlook, but want to have "full" Windows speed, so you restart your Mac, holding down the <alt> (a.k.a. the <option>) key. Your MBP shows you two volumes to boot from,

one says "Windows", perfect! You select it and your computer boots directly into Windows, never running OS X. Eventually Windows boots, you open Outlook, find your file and do what you need to. Then you keep yourself entertained with some "Windows only" game, life is good!

Ok, so maybe that was a long example, but I wanted to highlight some of the points in using the same Bootcamp installation for both Parallels and natively booting directly into Windows. Note the file in Outlook was accessible in both Parallels and direct boot into Windows. Also note that you used your entertainment software in the natively booted Windows, and not in Parallels; Parallels is not quite as good with graphics as of yet.

Hope this helps, and hope you realize that the best of both worlds, in my humble opinion, is to be able to use both Parallels and Bootcamp in symbiotic tranquility! I have used both and found that saving the space on having a virtual drive in Parallels (7-8 GBs or more) is a nice savings to have.

My two-cents, give or take a few dollars... hope it helps, (and don't get me started on CrossOver by CodeWeavers (<http://www.codeweavers.com/products/cxmac/>), or VMWare's Fusion product, similar to Parallels (<http://www.vmware.com/products/fusion/>). BTW - Did you know MS released a patch for Virtual PC, for those of you running on PPC's?)

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What is a podcast, and what is podcasting?

Submitted by Chuck Hauge

podcast _pādokast\ n English-Apple Inc. late 2002 A web-based audio broadcast via an RSS feed, accessed by subscription over the Internet (Dictionary.com)
podcast, podcasting v English-Apple Inc. late 2002 To create and publish a podcast

Ok, I know you're asking, "What does that mean?" A podcast is a very easy way to transmit to the virtual world an audio, video or text based message (a computer video, audio, or text file) you wish to make public. If you have something you think is important and you want to share it with others, it's fun, the virtual world is huge, technically it's free, but honestly it's a little complex.

Do I need to create a podcast to use a podcast? Absolutely, NO! There are podcast consumers, and there are podcast producers. This document is about how to produce a podcast. Being a podcast consumer is actually much, much easier, all you need is a computer with Mac OS X 10.3.9 or newer or a PC with Windows 2000 or newer, and the latest version of iTunes and QuickTime software (both are free from Apple, see links below).

Can anyone put his or her own message in a virtual world podcast? Absolutely, YES!

Do I need an iPod to podcast? Absolutely, NO! But if you do, you can download your podcast, or others' podcasts and play them when you're traveling around the world (or your neighborhood), anytime!

How many podcasts are there in the virtual world? Well, this number changes daily, but one source stated over 20 million as of September 2006.

Do I need a computer to podcast? Technically, No, but really, it depends on how much you want you want to get involved in doing this. It's possible to simply take a tape (video or audio) or a text file (such as PDF, MS Word, or Simple Text) and send it to someone who can set it all up for you.

Do I need the Apple Software iTunes to podcast? Technically NO, but you'll want to see your podcast once it's published in the virtual world, won't you?!

It sounds like I don't need anything to podcast, but seriously what do I need? You need videos, audio, or text, and someone who's comfortable with putting this content in a podcast for you. For people who know how to do this, it's pretty easy. The most difficult part is converting the content you have to a valid format that Apple allows in a podcast. The other tricky part is setting up something called an RSS feed or just a feed. The feed is nothing more than a text file written in a language called XML that has the settings, configuration, basic text content outline, and location of your podcast file(s). etc.

I have several videos, audios or text files I'd like to share, can I do this? Absolutely, YES! You can have an unlimited number of things in your podcast, you can even have mixed content, audio, video and text based.

Is my podcast I have published free to anyone and everyone to see? Yes, by default it will be. It is possible to put a fee on it, but this has to be setup through Apple, and honestly I have not done this before. I'd say more than 99% of all podcasts are free and

open to everyone.

Do I have to go through Apple to podcast? Well, no, but if you don't you'll be reaching so small a market it won't be worth it. Apple is so far head and shoulders ahead of everything and everyone you'd be foolish not to go through Apple. It's as if you may reach two people as compared to 350 million people, this is not an exaggeration. And remember if you can setup the podcast yourself, then the whole podcasting process is free!

I'm still afraid of this new technology and don't understand it and what all it can do! Don't worry, no one knows everything! Even Steve Jobs, co-founder of Apple Inc. doesn't know how to do all this. In fact I'd be a bit surprised if he's ever created a podcast.

Podcasting is evolving and is a moving target. It was originally established before Apple even directly supported it. It was really just some renegade technophiles that saw an opportunity and had the knowledge. Since then it has been significantly simplified, and Apple's direct support has helped.

Because podcasting is a moving target it's not important to really know what it is, it's better to understand the basics, and perhaps the best way to do this is through an example. To truly understand it you have to use it, but I'll do my best here to explain.

Let's say you had a huge family get-together, say 300 people (or maybe a small one with 15 people), and you took some videos during it. You have people you interviewed, there were a couple of speeches about the family tree, and perhaps you have some photos, and even a physical family tree that you painstakingly drew by hand (I'll have to teach you how to do this much easier, quicker and more professionally on a computer some time).

You find some nice music you have for the background. You put the videos you have on your computer. You put the pictures you have on your computer. You scan that family tree you spent hours creating (and perhaps days or weeks on, if you did

this on the computer it could be cut down to minutes) to your computer. You put all this together in iMovie or QuickTime Pro and you get yourself the file(s) to post in a podcast. You setup your feed file (see above), and put this and your podcast file(s) and some artwork (a graphic file) on a web site. You open iTunes and tell them you have a new podcast you would like Apple to publish, to do this you give them the URL (uniform resource locator) of the feed file you put on a web site. Wait one to two weeks, and voila, you have a podcast the world can see, download in iTunes, share, use, put on their iPods, connect to a projector and do a presentation, etc.!

Yes, I did skip some of the complexities of this, but you just wanted to know the overall process. It is a bit time consuming for anyone to make a nice presentation using iMovie or the like, and the feed file will take some time, as it has to be debugged (it's a sort of computer programming language), but it's relatively easy for someone who knows how to do it.

And you may have a business need for something like this, perhaps you have videos that you'd like to have short samples published. At the beginning, end and perhaps in subtitles you can put in a web site to go to buy the full video, or offer a full download version for a price. Or maybe you want to do a presentation for hundreds of people, but they're not all in one room. You can put your podcast on iTunes, give people a link to it in an email so they can go to it. You can update your presentation up to the minute before you want to start it, and others can come see the presentation after it has been made available, anytime, day or nite, PJ's or suit and tie.

My best way to define a podcast is to say, think of what you want to share, and how can you best share it. Think that there are absolutely no limitations in podcasting, and do not come with any preconceived notions about podcasting. Technically podcasting is free as long as you already have the basics, a computer with OS X 10.3.9 or Windows 2000 or newer, an Internet connection and web space (most ISPs give you free web space). That's really it!

Other sources for very good in-depth information

WikiPedia:

<http://en.wikipedia.org/wiki/Podcast>

Apple Podcasting FAQ:

<http://www.apple.com/itunes/store/podcastsfaq.html>

Apple iTunes Software:

<http://www.apple.com/itunes/store/podcastsfaq.html>

Apple QuickTime Software:

<http://www.apple.com/quicktime/download/>

How to Podcast: <http://www.how-to-podcast-tutorial.com/00-podcast-tutorial-four-ps.htm>

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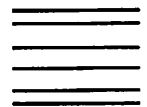
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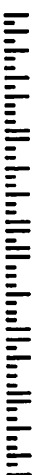
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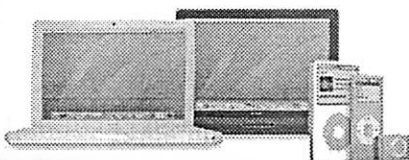
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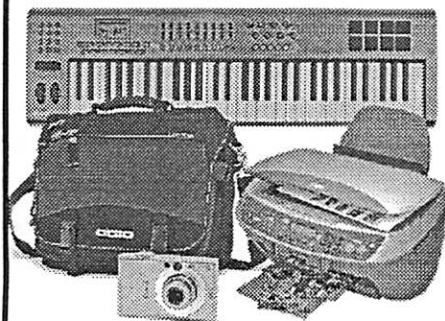
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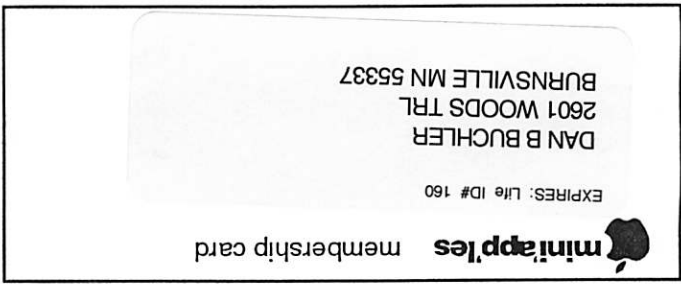
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