THE SEED

A Newsletter From Your...

DENVER APPLE PI
Macintosh User Group

Denver Apple Pi
Mac SIG Meetings are held at
APPLEWOOD COMMUNITY
CHURCH12930 W 32ND AVENUE

GOLDEN CO 80401 — 7 TO 9 PM

Help SIG Meetings are held at
COURTYARD AT LAKEWOOD
7100 W 13TH AVENUE
LAKEWOOD CO 80214 — 7 TO 9 PM
SEE WEBSITE FOR MAPS

Picnic	July 13	2nd Sun
Mac SIG	July 15	3rd Tues
Help SIG	July 24	4th Thurs
Mac SIG	Aug 19	3rd Tues
Help SIG	Aug 28	4th Thurs
Mac SIG	Sept 16	3rd Tues
Help SIG	Sept 25	4th Thurs
Mac SIG	Oct 21	3rd Tues
Help SIG	Oct 23	4th Thurs
Mac SIG	Nov 18	3rd Tues
Help SIG	Nov 20	3rd Thurs
Mac SIG	Dec 16	3rd Tues
Help SIG	Dec 18	3rd Thurs

DAPi Mac SIG Meeting

July 15, 2014

Presenter:　　Jeff Gamet

Subject:　　How to manage security issues on your computer including passwords

Time permitting, comments about the new Mac OS X named Yosemite and iOS 8 coming in September 2014

PICNIC MAP AND INSTRUCTIONS — PAGE 5

DAPi MEMBERSHIP

July 2014 membership renewals are due for:

Robert Kinkle　　　　　Kandy Maharas

Membership dues for DAPi are $15 per year and you will receive the monthly newsletter, *The Seed,* via email in PDF format. If you prefer, you can pay $20 and receive a snail mail copy of the newsletter. You can bring your payment to the monthly meetings or you can send your remittance to the club mailing address: Denver Apple Pi, 6501 Welch Court, Arvada, CO 80004-2223.

RECYCLING CHANGE

Although DAPi still encourages you to recycle your inkjet and toner cartridges, we will no longer collect and recycle. Instead, please go to your local office supply store to set up your own account for recycling to get credit for purchases. Be aware of the timelines and purchase requirements.

IS YOUR COMCAST INTERNET WI-FI NETWORK A PUBLIC HOTSPOT?
Joyce Etherton

A national TV newscast reported on June 12, 2014, that Comcast was making some household wi-fi networks hotspots—someone could sit outside your home and connect to your wi-fi network with no username or password, i.e., a public hotspot.

"Comcast turns 50,000 paying customer homes into public hotspots, millions more by the end of the year" wrote Sebastian Anthony on June 12, 2014 at 9:22 http://www.extremetech.com/author/santhony

Since Comcast is my provider, I began an iChat question and answer with the Help Desk at Comcast. Here are some things I learned:

1. My old, rented modem from Comcast does not have the up-to-date DOCSIS 3.0 (Data Over Cable Service Interface Specification) that is necessary for a wi-fi network to be a hotspot. My DOCSIS is 2.0.

2. At the present time, Arris wireless gateway modems (Models TG852G and TG862G) have DOCSIS 3.0 and are capable of supporting the Home Hotspot feature. These models are the ones you get from Comcast and pay a monthly rental fee.

3. If you do have one of these modems and don't want to be a public hotspot, you must OPT OUT of providing a public hotspot. Look on the back of your modem for the model number.

4. **Here's where to go to turn the public Wi-Fi feature off if you're so inclined: Log in at http://customer.comcast.com, then click My Account > Users & Preferences in the top navigation bar, and under your service address, click the "Manage XFINITY WiFi" link. (I don't have the newer modem, so this option doesn't show on my screen.)**

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VIDEO OF HOW TO RIP A DVD USING HANDBRAKE

David A. Cox has a new free 23-minute video tutorial on YouTube on how to rip a DVD using the free software called "Handbrake." Included are other bits of information you should know—since the newer iMac, MacBook Air and MacBook Pro Retina no longer have built-in optical drives, he makes recommendations on some portable external optical drives. There is a wealth of information in this video with additional websites to view and from which you can download software for viewing videos online, including VideoLAN Client (VLC) media player which is a replacement for Perian which is no longer supported. https://www.youtube.com/watch?v=3x88zvcF19o&feature=em-subs_digest

Do you know the difference between DVD Ripping and Burning? They are separate and each performs a different function. Ripping is defined as the literal action of transferring the data from one format (say, a DVD) directly to your hard drive or some other drive. (DAPi member Darlene suggests "Ripping" probably means "ripping off.") Burning, then, is the transference of data from the hard drive to a writeable format – DVD-R, iPod, etc. Go to the following website for a "primer" on the difference as well as a glossary of terms.   http://dvd-burning-software.toptenreviews.com/dvd-burning-and-ripping.html

FYI: Blu-ray, *often misspelled as Blue Ray*, is the name of the most advanced optical disc format (designed by Sony) that features more than five times the storage capacity of DVDs.

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STEVE JOBS' EXHIBIT AT MAIN DENVER PUBLIC LIBRARY

The exhibit "Patents and Trademarks of Steve Jobs: Art and Technology that Changed the World" will be on display through September at the Main Denver Public Library. It's free and open to the public. The exhibit, a display of 4-by-8-foot panels made to resemble iPhones, showcases more than 300 patents and trademarks granted to Jobs throughout this career. Each panel displays facsimiles of the front pages on which Steve Jobs' name is included as either sole inventor or co-inventor showing just how much he was involved in the process and development of Apple products. The new U.S. Patent and Trademark Office (USPTO) satellite in downtown Denver will open June 30, 2014 and is sponsoring this exhibit that was previously shown at the Smithsonian Institution in Washington, D.C.

The exhibit includes an Apple II personal computer, an Apple IIe, a Lisa personal computer, a Macintosh Classic (with serial number 1) and its distinctive mouse and keyboard, an Apple IIGS, the original Apple Newton, and an Apple IIc. Also

seen will be a Power Mac G4 Cube, a "Wallstreet" G3 PowerBook model used for most of the original TV run of HBO's *Sex and the City*, a NeXT computer with soundbox, and an Apple G4 notebook used to edit video reports from Iraq. Among the other Jobs-designed items is a PowerBook AC adapter found in the World Trade Center wreckage, and a 15GB iPod, created in collaboration with Sir Jonathan Ive, Apple's lead designer from 1997 to the present day.

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HOW TO PRINT PHOTOS FROM iPHOTO

A picture (or video) is worth a lot of words—so watch this new video tutorial on printing photos from iPhoto made by Gary Rosenzweig of MacMost. The video uses iPhoto '11, v. 9.5.
http://macmost.com/printing-photos-from-iphoto.html

When you get to this website, read the comments from people who have viewed the video—there are comments as well as suggestions about some other options and apps.

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Just for fun….
Grads for the Gridiron – Two of the three NFL teams with the highest percentage of college grads played in the 2014 Super Bowl. Studies over the past five years show that teams with an abundance of players who spent 4+ years in college – win big – Wall Street Journal…Someone quipped that it might not have been the education level that got Seattle and Denver to the Super Bowl but maybe because they came from the only two states to have legalized marijuana.

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T1r3d 0f P@55w0rds? YoU @re N*t @lone!

Keys to a crackless password: The longer the password, the harder it is to crack. Always use a combination of characters, numbers and special characters.

Some say passwords are going the way of the floppy disc and the Internet. In the meantime, there are services that can generate and store your passwords, e.g., 1Password 4 for Mac that promises to provide "the proper balance between security and convenience." Then, there is the biometric technology that is emerging so our thumbprint or facial recognition will be our log-on method.

In Bill Lidinsky's college classes at the School of Applied Technology at the Illinois Institute of Technology, he tells of popular passwords such as "abc123," "password," or "letmein" that can be cracked in seconds using available software. So what is the answer to protecting our high tech devices? Keith Palmgren, a high tech security expert, teaches that the focus should be on "unpredictability and length—the more characters, the better. Palmgren suggests using an entire sentence as a password, including spaces and punctuation, if possible: "This sentence is an example." We need to have a password that we can remember.

So, what to do when the website has these requirements?

- more than 8 characters
- 1 numerical character
- no blank space
- one upper-case character
- no more than one upper-case character
- no punctuation

Lidinsky recommends using a "simple mental algorithm," including those that use a space, if a site allows that. As an example, he says one might try "Ama95 zon" for an Amazon account, and "Yah95 oo" for a Yahoo! account, and so on.

Palmgren advises using a password manager such as LastPass and Dashlane and 1Password. Some wonder whether it's wise to trust services like this. "But sooner or later, you have to trust somebody," says Palmgren.

Ultimately, experts say, reducing the stress of online security — and decreasing reliance on passwords — will rest on what's known as "multi-factor identification." Those factors are often based on three things:

1. "What you know" — a password, security question or some sort of information that only you would know (but that doesn't have to be difficult to remember, just exclusive to you);

2. "What you have" — a phone, tablet or laptop — or even a card or token — that an online site or tech-based retail outlet would recognize as yours;

3. "What you are" — biometric information, such as face recognition or a thumb print. (The issue of privacy is still being debated when it comes to biometrics.)

And just to keep you guessing about your secure password, here are two free online software apps for cracking passwords for Mac OS X.

John the Ripper — a well-known free open source password cracking tool for Linux, Unix and Mac OS X. This tool can detect weak passwords.

THC Hydra — a fast network logon password cracking tool. When it is compared with other similar tools, it shows why it is faster.
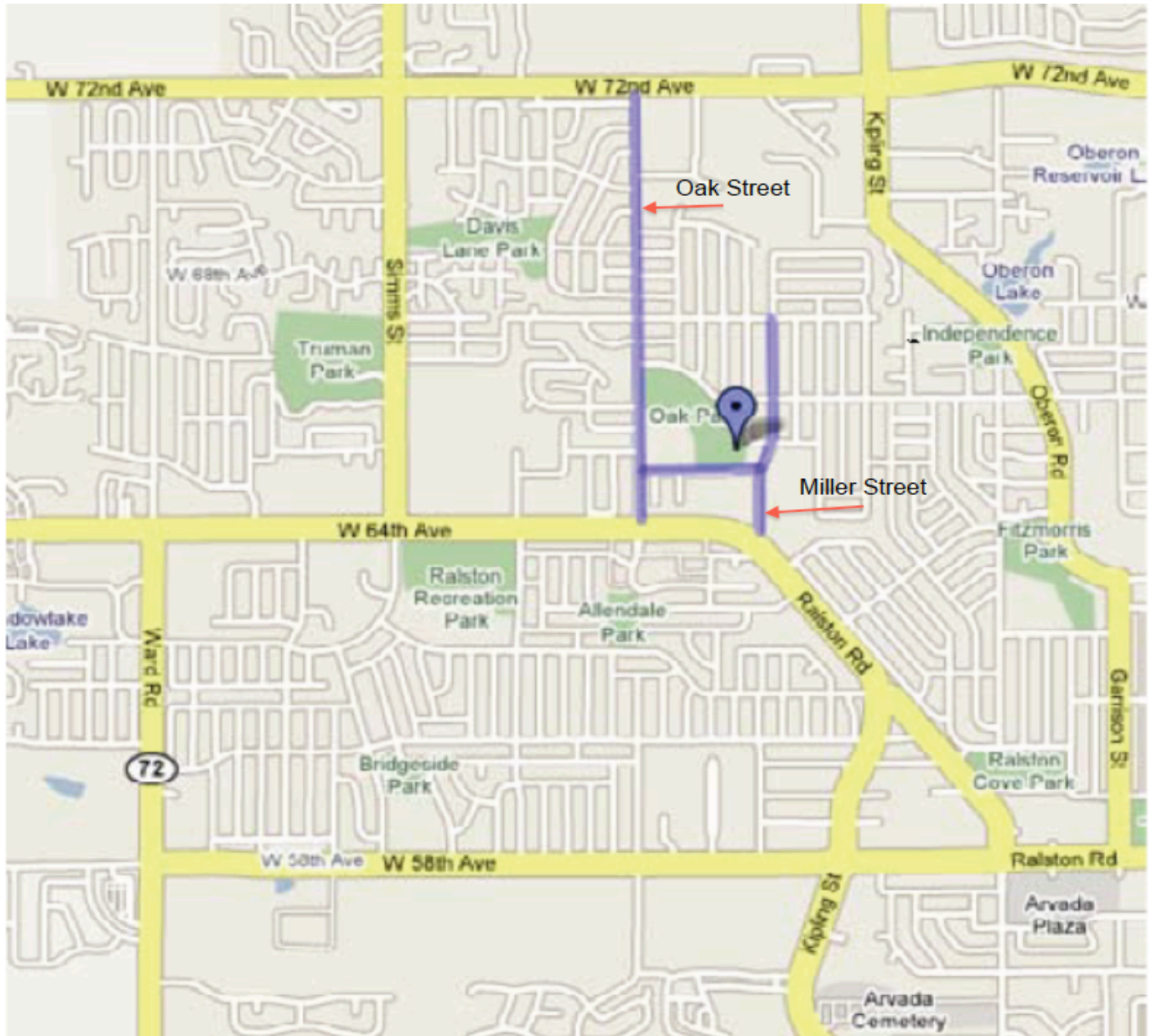
DAPi Picnic
July 13, 2014
12 noon to 5 pm

Location: Oak Park Pavilion, Arvada
West 64th Place between Oak and Miller Streets, behind Campbell Elementary School

What to bring: a dish (salad, veggies, dessert, etc.) that will serve about 8 people.
The club will provide: meat and vegetarian patties, hot dogs, buns, condiments, water, pop, cups, plates and eating utensils. The environmentally conscious may bring their own dishes and eating utensils if they wish to do so.
Games: Croquet

Denver Apple Pi Membership Information

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MEMBER BENEFITS INCLUDE: MONTHLY MEETINGS: information, new product announcements, door prizes when available, share ideas with other members, and copy programs from the Disk Libraries. PROGRAM LIBRARIES: Over 900 public domain programs, GS Library on 3.5" disks or on a 100 MB ZIP disk, Mac disks available in HD, ZIP and CD formats.

MEMBERSHIP DUES are $20.00 per year for a monthly hard copy of the SEED and $15.00 per year for a monthly PDF copy. Fill in the form below or ask for an application to send with your check to the Club mailing address: DENVER APPLE PI, 6501 Welch Ct, Arvada CO 80004.

For information, call Elissa McAlear at 303.421.8714 about Apple II, GS and Mac. Email elissamc@comcast.net. **Our website is:** www.denverapplepi.com

Macintosh SIG meets the THIRD Tuesday of the month, 7:00 to 9:00 p.m.
Troubleshooter Group Help SIG meets the FOURTH Wednesday of each month, 7:00 to 9:00 p.m.
SEED articles should be mailed to jjetherton@comcast.net, subject: "SEED Article"

Membership Form: **Date** _____

Denver Apple Pi Officers, May 2014 to May 2015

Renewal_____ **New** _____
Change _____

President	**Larry Fagan**

Name _____

Vice President (Help)	**Tammy Hanson**

Address _____

Vice President (Mac)	**Tom King**

City _____

Secretary	**Elissa McAlear**

Phone _____

Treasurer	**Larry Knowles**

Email _____

Membership Chair	**Sheila Warner**

Kind of Computer: Apple II __ GS__ Mac ___ OS_____

Appointees: Joyce Etherton (Seed Editor), Diana Forest, Darlene (Webmasters)

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