



Central Kentucky Computer Society

CKCS Resource Center, 160 Moore Drive, Suite 107, Lexington, Kentucky, 40503 (859) 373-1000 www.ckcs.org

February 2014

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Vol. 22 No. 2

Movies, Magazines, and More

Tech Night

February 10, 2014 7:00 pm

Would you like to get more out of your computer, laptop, tablet, or e-reader? Join us for February Tech Night and learn about downloading digital content from the library. Taura Lutzke, Library Associate from the Lexington Public Library, will give us an overview of what is available to download and will demonstrate how it is done.

There are an incredible amount of materials that can be at your finger tips.

Many of us are already downloading books, but now there are audio books, magazines, music, and movies that are all free. You don't have to make a trip to your library to page through some of your favorite magazines. Get them right on your computer or tablet.

Want to watch a movie? Just stream it through Freegal movies.

Want to add to your music collection? You can download up to three songs a week.

Bring a guest with you to the CKCS Resource Center, 160 Moore Drive, and learn all that is available.



Taura Lutzke, Library Associate

SPECIAL NOTE: There is a six page handout that will be very useful on Tech Night and afterwards. We ask that you print and bring it with you to Tech Night for the presentation. It will not be available at the meeting. Please do this now. Select PRINT (or press CONTROL + P) and on your home printer, print the last six pages of this newsletter; page 34 to page 39. This will be your advance copy of these step by step instructions.

CKCS

See what is in your newsletter this month

Click on your topic of interest

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Central Kentucky Computer Society

Incorporated

160 Moore Drive Suite 107
Lexington, Kentucky 40503
(859)-373-1000

OFFICERS

Tenure end June 30, 2014

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Vice-President: Mike Seiler
Treasurer: Jim McCormick
Secretary: Larry Trivette

DIRECTORS

Tenure end June 30, 2014

Boone Baldwin
Jan Landers-Lyman
Darlene Mosley
Ben Rice
Jimmy Stevens

Tenure end June 30, 2015

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President's Comments

By Brooke Thomas, CKCS President

president@ckcs.org

I hope you enjoy the monthly CKCS Newsletter. Each month it is packed with an unbelievable amount of information and fun stuff to use. At times it is overwhelming because there is more information to digest than you can do in one sitting. That is the beauty of it. There is something for everyone. The Table of Contents is useful to go to the articles you want to read first. Just click on the article and jump to it. Come back to the rest of it when you have time.

All of the contributors spend an enormous amount of time collecting information, taking pictures, and writing their pieces for your enjoyment. Then there is the work of the proofreaders who catch all the mistakes before it gets to you. But even with everyone's work the newsletter wouldn't be possible without the dedication of the editor, Jerry Heaton. He whips us all in line, reminds us of deadlines, adds his own contributions, and then magically produces this great newsletter. I have no idea how many hours he spends on it, but it has to be a lot. We are thankful to have him. Even with his travels he makes sure that the newsletter is never late.

Your Input is Valuable

Be sure to catch February's Tech Night on February 10. CKCS members Dotty Vanwinkle and Delores Cavins suggested we invite someone to show us what is available from the public library and to demonstrate how to download or stream the materials. This is one example of how you can help your computer society. We need your help to come up with programs and topics that interest you and would appeal to many of the members. Workshops, Special Interest Groups, and classes all depend on your input. Have you thought about teaching a class or a seminar or maybe doing a demonstration during one of the many SIG's? Start thinking and let us know what you would like to see in the coming year.

Directors' Prize

We still haven't awarded the Directors' Prize. Victoria McIntire's name was randomly selected in January but because she was not present the prize was not awarded. This month the Directors' Prize is up to a 13 month extension to one's membership. February 10 might be your lucky day!

Winter Classes

Most of the winter classes have begun, but due to popular demand two Advanced/Independent Digital Imaging Classes have been scheduled to begin in February. Check out the details in this newsletter.



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Digital Photography Special Interest Group

7 p.m., Tuesday February 25, 2014

This month, Joe Dietz will be presenting an alternate topic planned for later this year.

Getting the Most out of Your Printer".

We will talk about various things such as saving ink, setting the printer for the proper paper and paper size, fixing a jam, how to clean the printer heads, when to change the ink cartridges, is it safe to use refillable cartridges. and so forth.

Join us for this SIG. If you have special concerns about your printer, e-mails it to joedietz@aol.com and Joe will try to address it.



Joe Dietz
Digital Imaging
SIG Leader

February's photography contest will feature "Urban Decay". Take your shots and e-mail them to joedietz@aol.com no later than Monday, February 24, 2013.

See Ya there.

In our January SIG meeting we had two photo contests. The following two pages show the winners.

Joe Dietz postponed the original planned program for this month due to injury of the Guest Speaker

This month, Kentucky native Harry L. Hinkle, a fine-art photographer living in Lexington, Kentucky, specializing in contemplative black & white film photography of quiet places found in both the rural and urban landscape, will speak to our group. —POSTPONED UNTIL LATER THIS YEAR.

Two Digital Photography Photo contests were held in January.

November was snowed out so the first category this month was **Still Life**
There was a tie for first.

Jan Landers with the swing



And Kevin MacNaughton with the flowers



Since this SIG does not normally meet in December due to the conflict with Christmas week, the January category was **Storms**. Again, there was a tie for first place

Tie for first Kevin MacNaughton with Mountains, clouds, rain and rainbow



and Jan Landers submitted Church with Clouds



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CKCS 2014 Winter Class Schedule

This easy to read schedule prepared by CKCS Board Member Mike Seiler
There are four Winter classes that start in February or March

Learning Camera Basics Level 2*

Three 2-hour sessions (\$30)
Monday afternoons from 1 p.m. to 3 p.m.
Mar. 3, 10, 17

Adobe PhotoShop Elements Digital Imaging

Six 2-hour sessions
Monday afternoon from 4 p.m. to 6 p.m.
Feb. 3, 10, 17, 24, Mar. 3, 10

Digital Imaging Independent Work **

Six 2-hour sessions
Tuesday morning from 10 a.m. to noon
Feb 25, Mar 4, 11, 18, 25, and Apr 1

Digital Imaging Independent Work **

Six 2-hour sessions
Tuesday afternoons from 1 p.m. to 3 p.m.
Feb 25, Mar 4, 11, 18, 25, and Apr 1

* These classes meet in the main room and their class size is determined by the instructor. All other classes meet in the computer classroom and are limited to eight students.

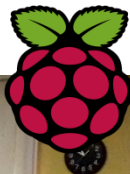
** New addition to Winter Schedule. See NEWS TO USE section for more information

COSTS: All classes have a fee payable to CKCS of \$60 unless stated otherwise (see above).
CKCS members get a 20 percent discount on all class fees.

To enroll:	By Phone 859-373-1000	} Monday to Friday from 10 a.m. to 4 p.m.
	In person: 160 Moore Dr, Suite 107	

We accept cash, check, or credit card.

Anyone for Raspberry Pi?



Photos by Boone Baldwin and Fred Kendig

On January 16, at the Thursday Morning Photo Coffee SIG, Fred Kendig showed off what Santa brought him for Christmas. It was a Raspberry Pi. Their website describes it as “a credit-card sized computer that plugs into your TV and a keyboard. It is a capable little computer which can be used in electronics projects, and for many of the things that your desktop PC does, like spreadsheets, word-processing and games. It also plays high-definition video.” It was amazing.

Fred had his attached to a camera lens and to the TV. He demonstrated how it could take pictures and video as well as surf the web. Hopefully, Fred will be able to give another demonstration at a Tech Night.



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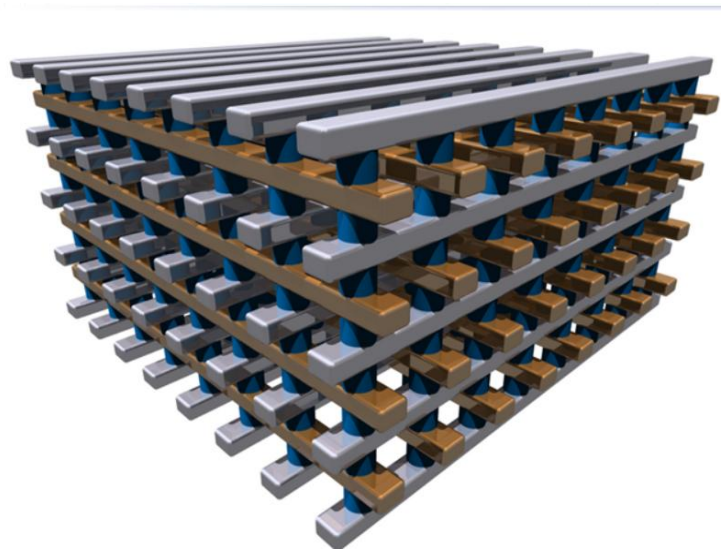


TECH TALK

By Joe Isaac
Windows SIG Leader

RRAM! RRAM!!

There's a new type of memory on the way to production called "RRAM". No, that's not a typo: There are two R's because the first R stands for "Resistive". The use of this non-volatile RAM could have a major effect on everything from consumer electronics to server farms.



DEEP VIEW OF THE RRAM CHIP

How Does It Work?

While DRAM and Flash memory use electricity to write data, **RRAM uses resistance**. There are several competing formulas for making RRAM, but they all use dielectric material. When exposed to high voltage electric current, the dielectric material switches from being an insulator to a conductor, but it stays stable when low voltage current is applied.

By changing states, the dielectric material can be an open or closed (0 or 1) circuit, which is then read by seeing if low voltage current will pass through the circuit. At least one patent has already been filed for this process, but production versions are just now becoming a reality.

What are the Advantages of RRAM Over Other Memory Types?

There are two key advantages for this new technology: speed and power consumption.

It takes much less electricity to operate this memory compared to other RAM technologies on the market, even when considering the current loss when transforming the low voltage available from **a computer power supply** to the high current needed to write data. Reading data takes much less electricity than any other competing technology.

Switching the material's state can be done very quickly: 10 nanoseconds versus 100,000 nanoseconds for NAND Flash. Also, unlike NAND Flash, each bit of RRAM can be changed individually. No matter how much data needs to be changed, Flash must be written in blocks as large as 16kb, making minor changes extremely slow. That lets RRAM apply small changes to data far faster than Flash can.

<http://www.computerhowtoguide.com/2012/09/rram-rram.html>

Microsoft publishes new Windows 8.1 how-to guide

The downloadable PDF is touted as an "advanced guide to Windows 8.1 for business," but it offers tips for any Windows 8.1 user.



http://news.cnet.com/8301-10805_3-57617522-75/microsoft-publishes-new-windows-8.1-how-to-guide/?part=rss&subj=news&tag=2547-1_3-0-20



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News to use

Nominations Committee selected

In January, the President appointed a Nominations Committee comprised of the 2013 newly elected directors at large (Bob Brown, Joe Dietz, Larry Mitchum, Debbie Settles, Julia Steanson). They are charged with the task of producing a slate of candidates for the June, 2014 general election. Up for election will be five directors, a president, vice-president, secretary and treasurer. Any dues paying member may become a candidate for any of these nine positions. If you have an interest and are willing to serve, you are encouraged to contact any committee member. Directors are elected for a two-year tenure, the officers for a one-year tenure. The election takes place at the annual business meeting conducted at the conclusion of the annual June picnic. Details for the picnic will be announced in May.

Two extra classes added to the February class schedule

Additional Digital Imaging Independent Work class has been added to the calendar.

In the Digital Imaging Independent Work Class students bring projects that they want to work on with guidance and assistance from the instructors. Students may be working on enhancing their pictures, restoring old photographs, working with templates, making brochures and business or greeting cards or other projects. The instructor will often give out tips on various aspects of digital imaging. Students share their experience and ideas on each other's work.

Next round of Digital Imaging Independent Work classes begins Tuesday, February 25, for six weeks. There will be a morning class from 10-12 and afternoon class from 1-3. Last class date is April 1.

Classes are for six weeks. Cost is \$60 for non-members and \$48 for members. Drop by or call CKCS @ 373-1000 to sign up.

Computer Mystery Workshop for February

The next Computer Mystery Workshop meeting will be on Wednesday, February 5, at 1:30 p.m.

The main topic will be Internet searching.

First, there will be some comparisons between Google search and the oddly named but increasingly popular search engine – DuckDuckGo. If there are requests to compare other search services, we will add them to the mix.

Second, we will cover some tips and tricks to make searching quicker and more productive. These are directed at Google search but some of tips apply to others.

Third, we will discuss the differences in how much personal information that Google and DuckDuckGo can keep about you and how they trade that information with other companies or governments.

Also, there will be a follow-up report on SQLR – the secure login proposal that is under development.



As always we have some time for questions, problem solving and other curiosities that sometimes are helpful or interesting.

Finally, the March Computer Mystery Workshop will be on March 5.

Windows Expert takes a holiday

Joe Isaac traditionally takes February off, so the Windows SIG will not meet this month. The next Windows SIG will be March 11. In the meantime, Joe may be reached using joe.isaac@ckcs.org.

Needed email addresses

If you are on this list, your last email address has failed. Please send your current address to ben.rice@ckcs.org so he may update our membership data base.

Dave Binning

Jim Crutcher

Clifford M. Denny

Frank D Doss

Barbara Durham

E J Eisenbraun

Joyce Hahn

Patricia Holt

Abbott Little

Victoria Mcintire

John Pettus

Russ Reynolds

Jim Salyer

Pat Sleet

Clayton & Shirley Smith

Shirley Snarr

Phyllis Tackett

Robert W Tibbetts

Dottie Van Winkle

Ivan R Weir



iPad vs. iPad mini vs. iPad Air vs. used iPad

Apple's popular tablet comes in a variety of models — which model is right for you?



By Kurt Jefferson,
SIG Leader and Instructor for Mac & iPad topics

“So I was intrigued when rumors of a higher-resolution iPad mini started creeping up. I was all ready to give the Retina iPad mini a try, although the svelte iPad Air and its scale-mocking one-pound weight gave me pause. But with the second generation iPad mini on a par with the latest full-size iPad model in terms of specs, I decided to bet large on small.” — Jonathan Seff writes in his January 14 *Macworld* article, *Let's get small: One editor's journey from iPad to iPad mini*.

<http://www.macworld.com/article/2086624/lets-get-small-one-editors-journey-from-ipad-to-ipad-mini.html>



Kurt Jefferson

engadget: “We can explain the hardware of the new iPad mini in one sentence: It's an iPad Air hit by a shrink ray.”

Techradar: “Make no mistake – Apple has finally nailed the tablet with a great combination of specs, power and a decent OS. It's a joy to hold the iPad Air. From the clever construction to the fast processor to the improved user interface, Apple has found an answer to every criticism we had of the device and then some.”

Macworld: “It used to be easy: Did you want an iPad? Which capacity? Need cellular networking? Done. Now, though, we're up to four different iPad models, each with several permutations. Then you have to think about what capacity, whether or not you want cellular networking and even what color you want. Phew. It's a lot of choices.”

engadget: iPad mini with Retina display review — as good as the Air, just smaller

“In the course of a year, the iPad mini has hit puberty and matured quite a bit. It's an iterative update, for sure, but one that makes it vastly better than the original. Because it now offers a Retina display, fast connectivity and a powerful processor, the mini now shares top-tier product status with the iPad Air. This is precisely the iPad mini we've been waiting for, but it comes with a price hike of \$70 over last year's model.” — Brad Molen, engadget.com

Full article here: <http://www.engadget.com/2013/11/15/ipad-mini-retina-display-review/>

Techradar: Apple lays down the gauntlet for 2014's tablets with a stunning effort

“On top of the new design, it's also rocking Apple's A7 chip, bringing with it 64-bit processing power and reams of battery saving techniques to keep your tablet going even longer in day to day use.” —

Gareth Beavis, techradar

Full article here: <http://www.techradar.com/us/reviews/pc-mac/tablets/ipad-air-1191350/review>



Macworld: Which iPad is right for you?

“There’s one major reason to look at the first-generation iPad mini: It’s the cheapest iPad around And for its Wi-Fi only model’s price of \$299, it packs a decent wallop.” — Dan Moren, Macworld

Full article here: <http://www.slashgear.com/the-2013-mac-pro-is-here-and-its-beautiful-20309548/>

About.com: How to buy an iPad

“If you are mainly looking for the best price and you don’t already have an iPad, the original iPad Mini is a good first tablet...the harder decision is between the iPad Mini 2 and the iPad Air. The Mini 2 is a fantastic 7.9-inch tablet, just as powerful as the Air and yet handles comfortably using a single hand to hold it. This makes it a great around-the-house iPad. But if you are planning on content creation—writing documents in Pages, working your spreadsheets in Numbers, editing photos in iPhoto, etc. — the iPad Air’s bigger screen becomes a major asset. — Daniel Nations, About.com

Full article here: <http://ipad.about.com/od/iPad-Tutorials/a/How-To-Buy-An-iPad-Buyers-Guide.htm>

Laptop.com: Which iPad is right for you?

“The first question you have to ask yourself is whether you need a cellular connection in addition to the WiFi option. All four of the major carriers — AT&T, Sprint, T-Mobile, and Verizon — offer versions of each model.” — Anna Attkisson, Laptop managing editor

Full article here: <http://blog.laptopmag.com/ipad-buying-guide>

wikiHow: How to buy a used iPad

“...there is a huge market for used and refurbished iPads that can save you over a hundred dollars or more in most cases. Here is how to expertly evaluate, select, and purchase a used iPad.” — wikiHow

Full article here: <http://www.wikihow.com/Buy-a-Used-iPad>

TechHive: Why you should buy a refurbished iPad from Apple

“Even if you get a pristine-looking iPad from a third party, you don’t know how many charge cycles are left in the battery. And replacing the battery is an expensive proposition at \$99. All of Apple’s refurbished iPads have a brand new, full-capacity battery inside. Apple also replaces the iPad’s outer shell as well.” — Jonathan Seff, TechHive

Full article here: <http://www.techhive.com/article/2067014/why-you-should-buy-a-refurbished-ipad-from-apple.html>

Most popular iPad model over the holidays? The iPad Air

As shoppers filled their carts and opened their wallets making holiday purchases late last year, a new study reveals Apple’s iPad Air was the top-selling iPad model in December. 41percent of iPad buyers picked that model according to a study by CIRP, the Consumer Intelligence Research Partners LLC.

In second place was the first-generation iPad mini making up 25percent of iPad sales. The newest iPad mini with Retina display came in third place with 16percent of sales.

The fourth-generation iPad came in fourth place with 13percent of sales.

In last place, the iPad 2 took only 5percent of sales during the December holiday selling period.

For more MAC article pages click link here:  [Kurt Jefferson MAC and iPad column CONTINUED](#)



Apple's web site promoting the iPad mini with Retina display.

About Windows XP

Copied from World Start daily newsletter

Suz writes:

"I'm getting tired of all the drama about giving up XP because it won't be safe. I haven't downloaded a Windows update since the late 90's and I stopped using anti-virus software about 8 years ago. I do periodic checks of my own and I do a format every two years or so "just because" and I have never had a virus or any other malware. Maybe I'll upgrade someday when there's something I actually consider to be an "upgrade".

If I were you, I'd get a couple of lotto tickets. It seems you have some crazy good luck. It's as if you hadn't locked your door since the late 90s, yet no one has ever tried the knob and slipped in to walk off with your TV.

If you don't have any anti-virus software, I'm not sure how you can be sure that you don't have any viruses or malware. They aren't always readily apparent and even if you aren't seeing any affects, you could be passing them on to others.

But it's your computer and your choice. It's a little like ignoring recall notices from your car dealer. My husband used to do that. Until the rear axle literally fell off the car.

~ Cynthia



The photo coffee SIG

The Photo Coffee Special Interest Group started off the year with breakfast at Winchell's Restaurant on January 2.



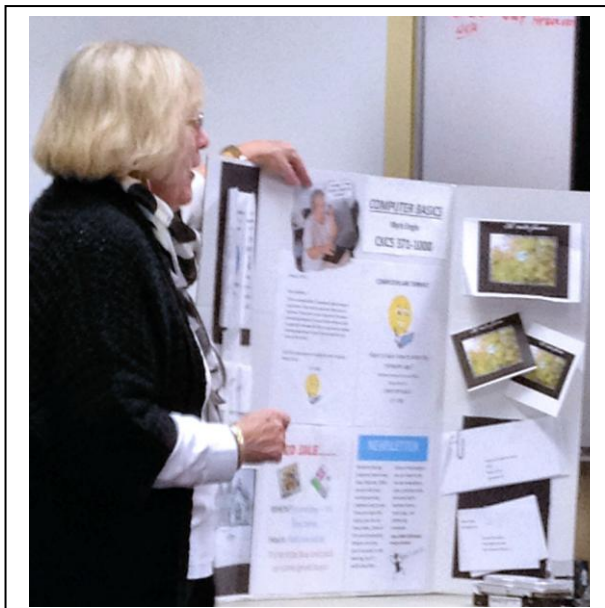
Clockwise Becky Brothers, Jo Neuzel, Larry Neuzel, Brooke Thomas, Jimmy Stevens, Joyce Cox, Larry Cox, and Bruce Klobeke. Boone Baldwin (behind the camera.)

January Tech Night featured “The Magnificent Seven”

January Tech Night was fast paced and informative. Seven experts in different fields highlighted a skill they teach in their classes. It was a sneak peak of the Winter Class Session.



Kurt Jefferson, Larry Trivette, Debbie Settles, Mike Seiler, Myra Engles, Boone Baldwin and Joe Dietz



Myra Engle showed what could be accomplished using a word processing program

Members and guests learned

- what the insides of the computer looks like,
- what concrete projects that they can create with a word processing program,
- how to use file history in Windows 8,
- what the mode settings on their cameras can do to improve their pictures,
- how to do Face Time on their iPhone and make a photo slide show on their iPad,
- how to filter their information in a database,
- how to turn their photos into charcoal sketch or water colors or color sketches, and
- how to combine photos and documents in Pages (an Apple program).

New Members and Renewals

During the period from 12/23/2013 to 1/25/2014

We welcome the following new members.

Peter Dankel
Deborah B. Gresham
Ruth & Dean Midboe
Tom Senff
Lois Skidmore
Robin Young

We thank the following members who renewed their memberships during this reporting period.

Linda C. Bosse
Paul & Tommye Davidson
Hsiang & Celia Fan
Richard A. Hall
Art Herman
Bruce Klobeke
Julianna La Fleche
Betty A & Andrew J. Lampkin
Robert McKnight
Larry Neuzel
Carolyn Nichols
Larry Parker
L Edwin Paulson Jr
James L. Pepperl
Marion Rasmussen
Russ Reynolds
Sharon Seckman
Janet R. Serrenho
Joann Shenk
Jimmy Stevens
Robert W. Tibbetts
Susan Umberger
Norm And Jan Williams
Clara & Emery Wilson

Information furnished by CKCS Board of Directors member Ben Rice



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This Month's Best Videos / Shows

INSTRUCTIONS: The best way to view these shows: Viewers should highlight, copy and paste the links into a new tab of their Internet browser rather than clicking the links directly in the PDF newsletter. This will allow the newsletter to remain open while the link opens and plays in another tab window. Using this system, when returning to the newsletter, the viewer doesn't have to wait each time until the large PDF newsletter file reloads.

The spanner man

<http://wheelnroundworkshop.blogspot.com/2013/10/the-spanner-man-john-piccoli.html>

Furnished by Bob McKee

Stunning, unbelievable, beautiful

http://www.youtube.com/watch_popup?v=GstQmEeBKhw&vq=medium#t=41

Furnished by Ted Mellinger

Have you ever seen an ice tsunami?

<http://www.youtube.com/v/Wbs8tN8xlxA>

Furnished by Carl Peter

Vietnam Pilot down

http://www.youtube.com/embed/QvRcP4go-eg?feature=player_embedded

Furnished by J. Miller

What it takes to get to Mars

<https://www.youtube.com/embed/XRCIzZHpFtY?rel=0>

Furnished by Ted Mellinger

Ford 1901 race car on cotton cord tires, no brakes, 70 mph

http://www.youtube.com/embed/Ru_hC9oGVbo?feature=player_detailpage

Furnished by Harvey Shackelford

A very special high school football play

http://www.youtube.com/v/oEjh_hb15Fc?version=3&hl=en_US&rel=0

Furnished by Carl Peter

Luxury air travel in the late 1930 The Boeing Clipper

<http://www.businessinsider.com/photos-the-luxurious-boeing-314-clipper-2013-8?op=1>

Furnished by Gerry Hubble

Medicine through your smart phone – it's coming!

<https://www.youtube.com/embed/r13uYs7jglg>

Furnished by J. Miller

Road bike party

http://www.youtube.com/watch?v=HhabgvllXik&feature=player_embedded

Furnished by Harvey Shackelford

Twenty optical illusions that appear to move

<https://www.google.com/search?q=illusion&tbn=isch&tbo=u&source=univ&sa=X&ei=rkbbUqv9JczksATdwoCgBO&ved=0CGMQsAQ&biw=1379&bih=699#facrc=0%3Bmoving%20illusion&imgrc=>

Furnished by Jerry Heaton

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A Few Funny Pages

Trouble with Math

A young student told his teacher he had trouble with math.

His explanation summed it up pretty well: "The guy next to me always gets ten out of ten on his quizzes, and I get only ten out of four."

Paraphrased from *All in a Day's Work*, Jan 2014 **Reader's Digest**

The History of APRONS

I don't think our kids know what an apron is.

The principal use of Grandma's apron was to protect the dress underneath, because she only had a few, it was easier to wash aprons than dresses and they used less material, but along with that, it served as a potholder for removing hot pans from the oven.

It was wonderful for drying children's tears, and on occasion was even used for cleaning out dirty ears.

From the chicken coop, the apron was used for carrying eggs, fussy chicks, and sometimes half-hatched eggs to be finished in the warming oven.

When company came, those aprons were ideal hiding places for shy kids.

And when the weather was cold, grandma wrapped it around her arms.

Those big old aprons wiped many a perspiring brow, bent over the hot wood stove.

Chips and kindling wood were brought into the kitchen in that apron.

From the garden, it carried all sorts of vegetables. After the peas had been shelled, it carried out the hulls.

In the fall, the apron was used to bring in apples that had fallen from the trees.

When unexpected company drove up the road, it was surprising how much furniture that old apron could dust in a matter of seconds.

When dinner was ready, Grandma walked out onto the porch, waved her apron, and the men knew it was time to come in from the fields to dinner.

It will be a long time before someone invents something that will replace that 'old-time apron' that served so many purposes.



Send this to those who would know, and love, the story about Grandma's aprons. Or it can be a good history lesson for those that have no idea how the apron played a part in our lives.

REMEMBER:

Grandma used to set her hot baked apple pies on the window sill to cool. Her granddaughters set theirs on the window sill to thaw.

They would go crazy now trying to figure out how many germs were on that apron. I don't think I ever caught anything from an apron – but Love !

Furnished by Bruce Klobeke

Fascinating Errors in Judgment

"The Bomb will never go off, I speak as an expert in explosives."

-- Admiral William Leahy , US Atomic Bomb Project

"There is no likelihood man can ever tap the power of the atom."

-- Robert Millikan, Nobel Prize in Physics, 1923

"Computers in the future may weigh no more than 1.5 tons."

-- Popular Mechanics, forecasting the relentless march of science, 1949

"I think there is a world market for maybe five computers."

-- Thomas Watson, chairman of IBM, 1943

"I have travelled the length and breadth of this country and talked with the best people, and I can assure you that data processing is a fad that won't last out the year."

-- The editor in charge of business books for Prentice Hall, 1957

"But what is it good for?"

-- Engineer at the Advanced Computing Systems Division of IBM, 1968, commenting on the microchip.

"640K ought to be enough for anybody."

-- Bill Gates, 1981

This 'telephone' has too many shortcomings to be seriously considered as a means of communication. The device is inherently of no value to us"

-- Western Union internal memo, 1876.

"The wireless music box has no imaginable commercial value. Who would pay for a message sent to nobody in particular?"

-- David Sarnoff's associates in response to his urgings for investment in the radio in the 1920s.

"The concept is interesting and well-formed, but in order to earn better than a 'C,' the idea must be feasible"

-- A Yale University management professor in response to Fred Smith's paper proposing reliable overnight delivery service. (Smith went on to found Federal Express Corp.)

"I'm just glad it'll be Clark Gable who's falling on his face and not Gary Cooper"

-- Gary Cooper on his decision not to take the leading role in "Gone With The Wind."

"We don't like their sound, and guitar music is on the way out"

-- Decca Recording Co. rejecting the Beatles, 1962.

"Heavier-than-air flying machines are impossible"

"If I had thought about it, I wouldn't have done the experiment. The literature was full of examples that said you can't do this"

-- Spencer Silver on the work that led to the unique adhesives for 3-M "Post-It" Notepads.

"Drill for oil? You mean drill into the ground to try and find oil? You're crazy"

-- Drillers who Edwin L. Drake tried to enlist to his project to drill for oil in 1859.

"Stocks have reached what looks like a permanently high plateau."

-- Irving Fisher, Professor of Economics, Yale University, 1929.

"Airplanes are interesting toys but of no military value"

-- Marechal Ferdinand Foch, Professor of Strategy, Ecole Superieure de Guerre, France ..

"Everything that can be invented has been invented"

-- Charles H. Duell, Commissioner, US Office of Patents, 1899.

"The super computer is technologically impossible. It would take all of the water that flows over Niagara Falls to cool the heat generated by the number of vacuum tubes required."

-- Professor of Electrical Engineering, New York University

"I don't know what use any one could find for a machine that would make copies of documents. It certainly couldn't be a feasible business by itself."

-- the head of IBM, refusing to back the idea, forcing the inventor to found Xerox.

"The abdomen, the chest, and the brain will forever be shut from the intrusion of the wise and humane surgeon,"

-- Sir John Eric Ericksen, British surgeon, appointed Surgeon-Extraordinary to Queen Victoria 1873.

And last but not least...

"There is no reason anyone would want a computer in their home."

-- Ken Olson, president, chairman and founder of Digital Equipment Corp., 1977

Furnished by Carl Peter

Italian Funeral

Pasquale died. His will provided \$40,000 for an elaborate funeral. As the last guests departed the affair, his wife Angelina turned to her oldest and dearest friend. "Ah well, Pasquale would be pleased," she said. "You're right," replied Maria, who lowered her voice and leaned in close. "So go on, how much did this really cost?" "All of it," said Angelina. "Forty thousand."

"Aw No!" Maria exclaimed, "I mean, it was very grand, but \$40,000?!!!" Angelina answered, "The funeral was \$6,500. I donated \$500 to the church. The whiskey, wine and snacks were another \$500. The rest went for the Memorial Stone."

Maria computed quickly.

"Mama Mia !!! For the love of God Angelina, \$32,500 for a Memorial Stone? How big is it?"





Furnished by Jim Winkler

It has been suggested that your newsletter editor return to Lexington to do the newsletter



Your newsletter editor at work.

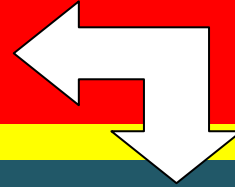
Card prepared by Carl Peter

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Not a member ?

We invite you to join CKCS

Here is how: It is simple as 1 – 2 – 3



1

Click on this link <http://www.ckcs.org/join/> and fill out the form
(if that doesn't work, go to www.ckcs.org and click on JOIN NOW) - - **or**

2

Call (859) 373-1000 and a friendly office supervisor will be glad to help you - - **or**

3

Stop by the CKCS Resource Center at 160 Moore Drive, Lexington 40503
Office hours Monday through Friday, 10 A.M. to 4 P.M....

We need you and will welcome you as a full-fledged member!

Members are eligible to attend all Special Interest Group sessions

Members receive a discount on all classes and seminars



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CKCS List of Special Interest Groups

Each month the Central Kentucky Computer Society offers 9 Special Interest Groups (SIGs) which may be attended by members and their guests. Below is a summary of what takes place at each SIG. Information is provided by the SIG leader. Visitors are cordially invited to become active CKCS members. Starting times of SIGS are as indicated in the listing.

SPECIAL NOTE; Always check the “Monthly Schedule” and the “Newsletter” link on the CKCS home page for any schedule change www.ckcs.org

DATABASE SIG

**Meets monthly on the fourth Monday at 7 p.m. –
Leader Garland Smith**

DIGITAL PHOTOGRAPHY SIG

**Meets monthly on the fourth Tuesday at 7 p.m. –
Leader Joe Dietz**

The Digital Photography Special Interest Group is a forum to provide and share information about digital imaging. The SIG frequently has guest speakers to cover a wide range of topics that are related to digital imaging. Some of our past topics have been on digital archiving (AKA Backup), getting the best out of your point and shoot camera, effective lighting when taking pictures, restoring old photos and many others. The goal of this SIG is to help attendees to better understand digital imaging, learning how to get the best out of their cameras and how to improve their images with digital imaging software such as Corel's Paint Shop Pro, Photoshop CS/Elements, Gimp or other program. Each meeting starts with a photo contest with a variety of different categories.

DR. FIXIT SIG

**Meets monthly on the first Saturday at 10 a.m. –
Leaders: Bob Brown, Ben Rice James Osborne and
Mike Seiler.**

CKCS members are eligible to bring in sick computers for evaluation. Our 'experts' will diagnose the problem and if possible make simple repairs. All you need to bring is the CPU. Our leaders will use a mouse and monitor on hand. This is a free service for members only. One may join in membership to avail themselves of this special service.

MAC AND iPad SIG

**Meets monthly on the second Thursday at 7 p.m. –
Leader Kurt Jefferson**

The Mac and iPad SIG tackles issues to help make both Apple's Mac computers and its iPad tablet easier to use and more enjoyable. We deal with a variety of topics ranging from Mac OS X (pronounced "10") to iOS, the operating system running Apple's iPad. We share tips at every meeting and provide insights to empower users to get more out of their Macs and their iPads. Users are encouraged to bring their Mac laptops and iPad tablets to experience first hand the tips provided at each meeting. Whether you're a beginner to the Mac or iPad, of you've been using both devices for several years, you'll walk away with plenty of tips, tricks, and advice to make your computing experience more enjoyable.

MICROSOFT ACCESS SIG

**Meets monthly on the third Thursday at 7 p.m. –
Leader Stuart Zahalka**

MYSTERY SIG

**Meets monthly on the first Wednesday at 1:30 p.m. –
Leader Bob Brown**

Meeting topics will be about Internet websites, operating system tips and tricks, application software, new hardware devices or any other ideas from the world of personal computers. At each meeting, two or three things are presented that you might want to do with your computer but may not know exactly how.

WINDOWS SIG

**Meets monthly on the second Tuesday at 7 p.m. –
Leader Joe Isaac**

The Windows SIG or Workshop for Windows 7, 8.1, Vista and XP, meets the 2nd Tuesday of each month at 7 p.m... Topics covered may be: Windows, Internet Explorer, Google Chrome, Windows Live Mail, Windows Live Photo Gallery, Control Panel, System Restore, Defrag, Desktop, Taskbar, Disk Cleanup, etc. To see which topic will be covered next go to <http://joescomputertips.blogspot.com/>

To see a year's worth of email Tips and Reviews go to: <http://www.ckcs.org/joetips.pdf>

WORD PROCESSING SIG

Meets monthly on the first Tuesday. There are usually two sessions that day, the first at 1:30 p.m. and the second at 7 p.m.– Leader Larry Trivette

The Word Processing SIG starts with questions from classmates where the SIG leader and all attending help provide solutions and answers. In fact, many of the topics presented during each session come from questions received by email during the month. Topics are presented so that new as well as advanced computer users will benefit by attending. This workshop uses several Microsoft Word versions during the SIG.

UNIX / LINUX SIG

**Meets monthly on the fourth Thursday at 7 p.m. –
Leader Lewis Gardner**

The Linux SIG handles a wide range of technical topics. Linux is based on Unix which is the granddaddy of modern networking. We spend a considerable amount of time on servers, networks, routers, access points and general network configuration. These operating systems are at the heart of many devices in our increasingly connected world. Come out and we will try to get your questions answered, your problems troubleshoot or devices configured.



CKCS February 2014 SIG Schedule

This special SIG calendar prepared for this newsletter by Larry Trivette

Print this page for your refrigerator or bulletin board

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27 Jan	28 Jan	29 Jan	30 Jan	31 Jan	01 Feb
					10:00 AM - NOON Dr Fixit BOB BROWN - BEN RICE - MIKE SEILER - JAMES OSBORNE Bring in your problem PC and we'll try to help
03 Feb	04 Feb	05 Feb	06 Feb	07 Feb	08 Feb
	1:30 PM & 7:00 PM Word Processing LARRY TRIVETTE	1:30 PM Mystery Workshop BOB BROWN	9:00 AM Photo Coffee Clicks <hr/> 7:00 PM Board of Directors		
10 Feb	11 Feb	12 Feb	13 Feb	14 Feb	15 Feb
7:00 PM Tech Night Movies, Magazines & More – Lex. Public Library	7:00 PM Windows 8.1 - 7 - Vista & XP JOE ISAAC No meeting this month		9:00 AM Photo Coffee Clicks <hr/> 7:00 PM Mac & iPad KURT JEFFERSON		
17 Feb	18 Feb	19 Feb	20 Feb	21 Feb	22 Feb
			9:00 AM Photo Coffee Clicks <hr/> 7:00 PM Microsoft Access STUART ZAHALKA		
24 Feb	25 Feb	26 Feb	27 Feb	28 Feb	01 Mar
7:00 PM Database GARLAND SMITH	7:00 PM Digital Photography JOE DIETZ		9:00 AM Photo Coffee Clicks <hr/> 7:00 PM Unix / Linux LEWIS GARDNER		10:00 AM - NOON Dr Fixit BOB BROWN - BEN RICE - MIKE SEILER - JAMES OSBORNE

CKCS

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As Mac News Network reported, “All models’ sales are measured only by the least–expensive, lowest–capacity version of each model. While Apple doesn’t report sales breakdowns of each models, analysts have believed that the iPad mini was significantly outselling the full–sized iPad — which may have been true, particularly during the period prior to the iPad Air , where the Mini models were significantly lighter and thinner than the then–current fourth–generation full–size model.”

Another point, which Mac News Network says became clear: “Consumers are willing to pay more for lightweight models. The three top–selling iPad models are, regardless of price point, more popular than the cheaper but heavier fourth–generation iPad and even the relatively slim (but not as thin or light as the latest models) and discounted iPad 2.”


The worst passwords of 2013; 123456 beats “password”

What’s the point of using passwords? The intent is to keep prying eyes from seeing sensitive or private information. Right? But after eyeing the 25 worst passwords of 2013, according to security company Splashdata, one begins to wonder what’s the point?

Every year, Splashdata compiles a list of the worst passwords in use. The giant security breach at Adobe, where hackers stole user names and encrypted passwords of millions of customers, along with encrypted credit or debit card numbers and expiration dates for 2.9 million others is the reason Adobe–related passwords made the list.

1. 123456
2. password
3. 12345678
4. qwerty
5. abc123
6. 123456789
7. 111111
8. 1234567
9. iloveyou
10. adobe123
11. 123123
12. admin
13. 1234567890
14. letmein
15. photoshop
16. 1234
17. monkey
18. shadow
19. sunshine
20. 12345
21. password1
22. princess
23. azerty
24. trustno1
25. 000000

Passwords you
should avoid

Splashdata reported that the word “password” lost its title “as the most common and therefore Worst Password, and two–time runnerup “123456” took the dubious honor. “Password” fell to No. 2.” Savvy 

Internet users know they need to protect themselves by using password managers, such as LastPass or 1Password, which encrypt their valuable data.

Full Splashdata article here: <http://splashdata.com/press/worstpasswords2013.htm>

TNW – 10 of the best multi–platform password managers for iOS, Android and the desktop:

<http://thenextweb.com/apps/2013/10/06/10-of-the-best-multi-platform-password-managers-for-ios-android-and-the-desktop/#!sM2O8>

Macworld: Mac password managers

<http://www.macworld.com/product/collection/13589/.html>

Most reliable hard drives? Backblaze says the winner is...



If you've got a Mac, tell me you're using Time Machine plus an external hard drive to back up your data. Back in 2007, Apple released the software that automatically backs up your Mac's data.

That software is called Time Machine. And it requires an external hard drive to complete its duty. If you're using a Mac, it goes without saying that you should be using Time Machine so your data is backed up to an external hard drive.

How can you make sure the hard drive containing your valuable data won't die? You can't. Hard drives contain spinning discs and they all eventually die.

But online backup company Backblaze has been tracking the endurance of thousands of hard drives it uses in its open source storage pods. At the end of 2013, Backblaze had more than 27,100 hard drives to be exact. Backblaze uses consumer–grade hard drives just like you and I might purchase.

Brian Beach, a Backblaze spokesman, wrote about the life cycle of hard drives for the company's blog.

Here's what he discovered:

- Beach predicted that 50 percent of hard drives will have failed in six years (call that the median life span of a hard drive)
- 80 percent of its hard drives are still in use after four years
- Drives have three distinct failure rates

Those three failure rates are classified as No.1 *"infant mortality" failure*, meaning the drives die due to factory defects, No. 2 *random failures, just due to chance*, and No.3 *part failure – where parts wear out after much use*.

Backblaze blog: <http://blog.backblaze.com/2013/11/12/how-long-do-disk-drives-last/>

Backblaze: Which hard drive should I buy? <http://blog.backblaze.com/2014/01/21/>

Okay. Which brand of hard drive held up the best? Hitachi.

In fact, Beach says, "If the price were right, we would be buying nothing but Hitachi drives. They have been rock solid and have had a remarkably low failure rate."

Western Digital came in second place.

Seagate drives were the most problematic with the highest failure rate at Backblaze.

As they say, your mileage may vary. But it's quite interesting to see how hard drives fare at one of the largest online



backup companies in the U.S.

Why my next desktop Mac will contain b-t-o option Fusion Drive

Apple has never really shined the spotlight on a build-to-order option for its desktop Mac computers called Fusion Drive. It combines a high-capacity hard drive with a high-speed solid-state drive. What does that mean for the user? Fusion Drive monitors how the Mac is being used and puts the most-used applications and files on the solid-state drive portion.

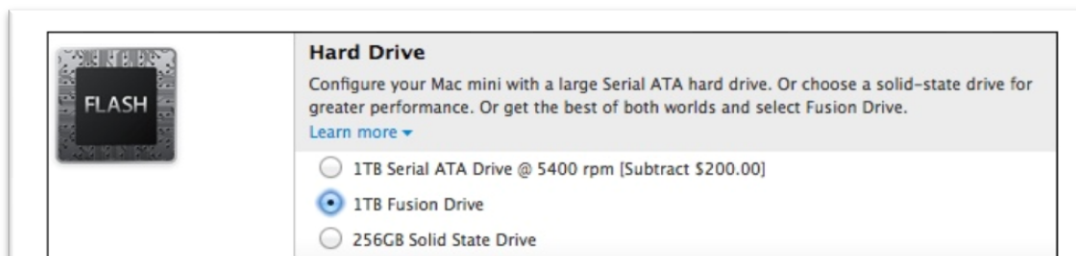
That means most-used apps and documents open faster, run faster, and speed up the process of using your computer.

Is Fusion Drive for you? That depends if you want to spend the extra dollars for a build-to-order Mac.

TechRadar has published an interesting article about how Fusion Drive works. Here's part of what it says: "When something needs to be stored, it's always first written to the flash storage. As long as plenty of free flash storage is

available, OS X doesn't touch the hard drive, and the Mac will operate solely from its flash storage. Behind the scenes, OS X silently monitors how your Mac is used. When free flash storage dwindles to only 4 GB, OS X's long-term observations are used to decide what you're least likely to need from day to day, and it moves some of it to the hard drive. This keeps plenty of flash storage available so that high performance is maintained."

PCMag.com writes about how the Mac user doesn't have to configure Fusion Drive. It's all ready to go out of the box: "The



Fusion Drive is a build-to-order option for desktop Macs:

This is how Apple's online store provides a Mac mini buyer the option to purchase a 1 TB Fusion Drive pre-installed. The option for a Mac mini costs an additional \$200. For iMacs, a 1 TB Fusion Drive also costs an extra \$200. On some iMacs, a 3 TB Fusion Drive option is available for an additional \$350. On the Mac desktop, a Fusion Drive appears as the typical hard drive icon but is, in reality, two separate storage devices. Apple introduced the Fusion Drive option in Oct. 2012.

Fusion Drive is set up at the factory; you never have to fiddle with any settings. The drive automatically moves often-used programs and files from the hard drive to the flash storage and back, depending on how often you use an item. If you ever have to reinstall the operating system, OS X Mountain Lion (10.8) and future versions will automatically set up Fusion Drive for you, even if you need to reformat your main drive."

Techradar: Fusion Drive — What it is and how it speeds up your Mac

<http://www.techradar.com/us/news/computing-components/storage/fusion-drive-what-it-is-and-how-it-speeds-up-your-mac-1154051>

PCMag.com: 5 things to know about the Apple Fusion Drive

<http://www.pcmag.com/article2/0,2817,2412726,00.asp>

Cisco: 99 percent of all mobile malware targets Android

The tech firm, Cisco, revealed in its 2014 Annual Security Report, that almost all of the malware targeting cell phones and tablets is aimed at Android instead of iOS or other mobile operating systems.



The study eyed the possibility of a mobile user facing malware attacks and determined that Android users were most likely to encounter malware on their phones or tablets.

The tech web site, Electronista, wrote: "Security issues have plagued Android from the beginning, but given that portions of it are open-sourced and/or Java-based and heavily modified by carriers and other parties, attackers can much more easily discover vulnerabilities to attack than with some other mobile operating systems. Though mobile-specific malware is far less common than Windows malware – just 1.2 percent of all malware on all platforms – it is unusual that 99 percent of the targeted malware is aimed specifically at Android – suggesting the platform still has serious vulnerabilities that are easy to exploit, and that no progress on combatting the threats has been made. The problem is also growing as smartphones and other mobile devices supplant computers for most tasks."

Apple's SVP of Worldwide Marketing, Phil Schiller, issued a tweet linking to Cisco's annual report but made no other comment. The Gigaom tech web site reflected, "Don't let this scare you out of using your phone or tablet: The real-life problem isn't quite as dramatic as the numbers make it sound. The report notes that mobile malware that targets specific devices only accounted for 1.2 percent of malware encounters (the rest primarily involved phishing, lifejacking and forcible redirects on the web). And according to Cisco, the most commonly encountered form of malware was Andr/Qdplugin-A, which was often disguised alongside legitimate apps and sold through unofficial marketplaces. So as long as you stick to Google Play you're far safer from a security perspective."

Electronista – Cisco Study: 99 percent of mobile malware aimed at Android

<http://www.electronista.com/articles/14/01/21/apples.phil.schiller.tweets.link.to.report.without.additional.comment/>

Gigaom: Study shows 99% of mobile malware in 2013 targeted Android devices

<http://gigaom.com/2014/01/21/study-shows-99-of-mobile-malware-in-2013-targeted-android-devices/>

New Mac mini coming in February? Belgian retailer says so

My favorite Mac is the one that most people don't talk much about — the Mac mini. I consider it the "Rodney Dangerfield" of Apple products because it doesn't get a lot of respect. As one tech site wrote, "Apple's Mac mini doesn't get a lot of love, at least when it comes to updates. It looks like that will change next month if a Belgian retailer's website is accurate..."

The Mac mini is a perfect machine for many folks and will perform quite well. The spotlight often shines on the much pricier iMac, but the Mac mini fits the bill nicely if you've already got a computer display, a keyboard and a mouse or trackpad or trackball.



A Belgium Mac seller claims a new Mac mini model is due in late February. Here's how the tech web site Ubergizmo reported it: "Mac mini happens to be the only product in Apple's Mac lineup that wasn't updated in 2013. The company refreshed its iMac, MacBook Pro and MacBook Air with Intel's latest Haswell processors, it even launched a radically revamped Mac Pro. Rumor has it that Haswell Mac mini release might take place next month, as a retailer in Belgium has already listed both Core i5 and Core i7 Haswell configurations of the new Mac mini."

Slashgear reported the news in this manner: "The information comes from a placeholder listing on *Computerstore.be*, a popular Belgian retailer that was contacted by a user over on the MacRumors forum. According to that user, the retailer said the information it has up on the website "comes from apple or reliable sources." Unfortunately, the store rep wasn't able to confirm a launch date, but the expected launch is the end of February due to the placeholders.'



Ubergizmo: Haswell Mac mini release expected soon

<http://www.ubergizmo.com/2014/01/haswell-mac-mini-release-expected-soon/>

Slashgear: Apple Mac mini update to bring Intel Haswell processors

<http://www.slashgear.com/apple-mac-mini-update-to-bring-intel-haswell-processors-22314070/>

Gotta Be Mobile: New Mac mini 2014 release rumored for February

<http://www.gottabemobile.com/2014/01/22/new-mac-mini-2014-model-release-february/>

VOX is a high quality, feature-rich Mac music player

If you're a regular reader of this column, you know that I gave up listening to commercial radio several years ago. Music services such as iTunes Radio and now VOX have replaced it.

VOX lets me listen to music I want to hear and not the tiny playlists that commercial radio stations use to play the same music over and over and over.

When VOX Radio is playing on my Mac, you'll most often find me listening to

ABetter70sGoldHitsStation— a live, streaming signal serving up songs from America, Gordon Lightfoot, Chicago, James Taylor, Carly Simon, Melanie, Pablo Cruise, the Bee Gees, Linda Ronstadt, Roberta Flack, Abba, Simon & Garfunkel, Elton John, and many others that I grew up listening to as a kid.



The quality is excellent. I have external speakers attached to a Mac mini and the sound quality reminds me of my dad's Kenwood AM/FM receiver that he used extensively back in the 1970's.

I downloaded VOX from the Mac App Store and bought a subscription to Last.fm — which lets you listen to streaming audio through the VOX app.

The subscription was a steal since it was on sale for 99 cents over one weekend.

Last.fm is a British-based music service founded in 2002 that uses a system called "Audioscrobbler" to learn what the listener likes and dislikes. When I downloaded VOX from the Mac App Store, I told it my music preferences (more America, Linda Ronstadt and Elton John and less songs from Andy Gibb and The Archies, for example.) Dozens of music players such as VOX use the Last.fm service to provide streaming music to home computer systems. In March 2009, Last.fm claimed to have 30 million active users.

Last.fm software is available for Mac and Windows, in addition to the iPhone and iPod Touch.



In addition to streaming live radio signals, VOX plays all kinds of music formats such as MP3, AAC, OGG, FLAC, ALAC, and others.

The bottom line is — if you've given up on commercial radio as I have, you don't have to leave your favorite music behind. Boot up your Mac and give VOX a listen. You might just like it as much as I do.

Read more about Last.fm, the music web site that I use with VOX:

<http://en.wikipedia.org/wiki/Last.fm>

Note: If you listen to commercial radio and have noticed the same songs playing over and over, it's not your imagination. A January 16 *Wall Street Journal* article titled "Radio's Answer to Spotify? Less Variety" spells out how stations are repeating the same songs for fear of alienating listeners. Spotify is another popular commercial music streaming service launched in 2008. The Spotify app is available for Mac OS X (10.5 or newer) iOS, and Microsoft Windows (XP, Vista and 7.)

Wall Street Journal article: <http://online.wsj.com/news/articles/SB10001424052702303754404579313150485141672>

Don't like Pages? Consider TextKraft word processor for iPad



Pages is one of my most-used apps on the iPad. But if you find yourself joining the anti-Pages crowd, consider using TextKraft.

As Mel Martin wrote for the Apple-oriented web site TÚAW (The Unofficial Apple Weblog), "It's powerful, easy to use and provides a writing environment you can do *real* work in."

Martin is not keen on Pages because he feels it seems more of a "create pretty documents" app than what he calls a heavy-duty word processor.

Here's why he really likes TextKraft. He cites seven key features:

- You can work on up to five documents at once. He says you can switch between them with just a tap.
- Cursor keys support — you won't find these in Apple apps
- Complete undo/redo
- Full search & replace
- Support for external Bluetooth keyboards
- Ability to import and export with Dropbox, iCloud, Box and iTunes file sharing
- Ability to share with Pages and Evernote

He's most pleased by the cursor keys. "There's no more fiddling with stabbing my finger on the screen and trying to move the cursor to the correct position. TextKraft also provides delete-forward, something missing on the stock OS keyboard, and a key that I use all the time," writes Martin.

Read the entire TÚAW article: <http://www.tuaw.com/2014/01/23/textkraft-powerful-text-processor-for-the-ipad/>



Mac celebrates its 30th birthday – released Jan. 24, 1984



The original Mac shown in late January on Apple's web site. Apple was honoring the Mac on its 30th birthday. "Every company that made computers when we started the Mac, they're all gone," quipped Apple's senior vice-president of worldwide marketing to *Macworld*.

"Every company that made computers when we started the Mac, they're all gone," quipped Apple's senior vice-president of worldwide marketing, Phil Schiller to *Macworld*.

Yet the Macintosh keeps chugging along, turning out models ranging from the newly announced Mac Pro that resembles a black cylinder, to the all-in-one iMac, to the tiny Mac mini.

In 2013, the Mac earned Apple \$21.5 billion.

It's true today that Apple sells more iPhones and iPads than Macs — but the Macintosh is what comes to mind for many people when they see the Apple logo . . .

The original Apple Macintosh cost \$2,495 back when it first went on sale on that winter day in 1984. It included a 9-inch 512 x 384 black and white display, a Motorola 68000 processor with 128KB of memory, and even a handle to carry.

It's hard to believe that was three decades ago. Guy "Bud" Tribble, Apple's vice-president of software technology told c|net the men and women working on the Mac back then knew it was unique.

"The team working on the Mac really did have the idea that we were building something that was going to set the way that people interacted with their computers."

He added, "We were trying to think as deeply as we could about how people were going to use these things, and how the mouse and the graphical interface could be the best that it possibly could. We were really designing something that was going to become part of the fabric of our lives, part of the fabric of society. There was a very strong feeling along those lines, and Steve (Jobs) encouraged it."

Tribble told *Macworld* that the iPhone and iPad have turbocharged the Mac.

While OS X on the Mac and iOS on the iPhone and iPad are cousins and share code, they're different operating systems.

"The reason OS X has a different interface than iOS isn't because one came after the other or because the one's old and this one's new. Instead, it's because using a mouse and a keyboard just isn't the same as tapping with your finger," remarked Apple's senior vice-president of software engineering, Craig Federighi.

Business Insider: Ex-Windows president – The introduction of the Apple Macintosh in 1984 changed my life
<http://www.businessinsider.com/apple-macintosh-history-2014-1>



The Verge: The Mac turns 30 – A visual history

<http://www.theverge.com/2014/1/24/5340320/the-mac-turns-30-a-visual-history>

TED: Happy 30th birthday, Macintosh

<http://blog.ted.com/2014/01/24/happy-30th-birthday-macintosh/>

The Verge: Apple reflects on 30 years of Macintosh

<http://www.theverge.com/2014/1/24/5340626/apple-macintosh-30th-anniversary-celebration>

TÚAW: One man's story about how Macs saved him from his learning disabilities as a child

<http://www.tuaw.com/2014/01/24/one-mans-story-about-how-macs-saved-him-from-his-learning-disab/>

Macworld: Apple executives on the Mac at 30 – 'The Mac keeps going forever'

<http://www.macworld.com/article/2090829/apple-executives-on-the-mac-at-30-the-mac-keeps-going-forever.html>

C|net: Apple execs reflect on the Macintosh at 30

http://news.cnet.com/8301-13579_3-57617696-37/apple-execs-reflect-on-the-macintosh-at-30/

Apple – View a video on how the Mac has impacted many different users:

<http://www.apple.com/30-years/>

Forbes: As Mac turns 30, Apple still lives under its glow

<http://www.forbes.com/sites/markrogowsky/2014/01/24/as-mac-turns-30-apple-still-lives-under-its-glow/>

**The Register: Apple's Mac turns 30 – How Steve Jobs' baby took its first steps
(Pt. 1: Love it or loathe it, the Mac shapes every nook and cranny of your computing life)**

http://www.theregister.co.uk/2014/01/24/thirty_years_of_the_apple_macintosh_p1/

Mashable: 8 vintage Mac reviews that'll make you appreciate modern tech

<http://mashable.com/2014/01/23/mac-vintage-reviews/>



To return to the beginning of the Mac article please click [Mac & iPad Article](#)

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TECH NIGHT HANDOUT PAGES

Recommendation:

Print these six pages on your printer and bring these instructions with you to the Tech Nigh program discussed on page 1 of this newsletter. These instructions will be most useful as your listen to the presentation on February 10, at the CKCS Resource Center and afterwards as well.

Tech night handout material:

Movies, Magazines, and More: Digital Content at Your Library

Presenter: Taura Lutzke, Library Associate, Lexington Public Library

What do I need?

1. Access to a personal computer or compatible mobile device
2. An internet connection
3. A Lexington Public Library Card
4. Specific free downloading software for computers and various mobile devices.

The library's digital materials collection can be found by clicking the eLibrary/Downloadables link along the left side of the library website's main page or going directly to <http://www.lexpublib.org/elibrary>.

eBooks

In order to start reading eBooks you first need something to read them with. The three main options are: Adobe Digital Editions, Overdrive Media Console, and Overdrive Read.

Adobe Digital Editions and **Overdrive Media Console** will require you to create an Adobe ID to authorize your computer or mobile device. OverDrive Media Console is excellent for mobile devices, but not recommended for PCs. Links to download them can be found on the main eLibrary page in *A Guide to eReaders*.

Or you can go directly to play.google.com, omc.overdrive.com, the *Nook Apps Store* or the *Apple Apps Store*.

Overdrive Read is entirely browser based so it generally does not require any new downloads, but unlike a downloaded book it does need a continuous internet connection. Google Chrome is the recommended browser, though it will function in most newer browser versions.

Audiobooks

The first time you use this service, you will need to create a free OneClickdigital account through the library's website. You will need a working email address to do this. Be sure to record the username and password, as the library does not have access to this information and will not be able to retrieve it for you if you forget.

OneClickdigital Media Manager is the preferred software for downloading and managing your audiobooks. It has versions for both PCs and Macs. The PC version will be offered during the creation of your account. There is a link to download the Mac version in the Audiobooks section of the main eLibrary page.



Free Apps for the Android and iPhone are also available through *Amazon.com* and the *iTunes App Store*.

eMagazines

The first time you use this service you will need to create two free accounts. You will need a working email address to do this. The first account will be your library Zinio collection account. It will require your library card number and will let you check out titles from the library's eMagazine collection.

The second account is your Zinio.com account, which will allow you to read your chosen titles. The option to create this second account will appear once you have selected a magazine you would like to look at. When you click the checkout button for a magazine a box will open asking if you would like *Keep Browsing* or *Start Reading*. Click on **Start Reading** to create or sign in to your Zinio.com account. Be sure and record the usernames and passwords, as the library does not have access to this information and will not be able to retrieve it for you if you forget.

Many Zinio magazines can be read right in your browser, but a few may require the Zinio Reader App. The App can be found at *play.google.com*, *zinio.com*, *amazon.com* or the *Microsoft Apps Store*.

Music & Movies

Freegal music will play on newer versions of Windows Media Player and other similar music players. Movies and TV episodes can be viewed in your browser, Google Chrome is recommended. You can also download Freegal Apps from *play.google.com* or the *iTunes App Store*.

How do I Set It Up?

Adobe ID


Go to **adobe.com** and click **Sign in** in the upper right. On the sign in page click the *Don't have an Adobe ID?* link and fill out the short form. The email you provide will be your Adobe ID.

Adobe Digital Editions

Go to your **Downloads** folder and find the **ADE installer**. Double click on the installer to start it. The setup assistant will open and walk you through step by step. Once **Adobe Digital Editions** is installed, open it and go to the **Help** menu in the upper left. **Authorize Computer...** should be the first option on the menu. When you click on Authorize Computer a box will open asking for your **Adobe ID** and password. If you have not created one already you can use the *Create an Adobe ID* link on the right to do so now. You can authorize the computer without an Adobe ID, but doing so will prevent you from transferring Adobe DRM protected materials to other computers or mobile devices and your materials will not be restorable from backup. Once you have filled in your ID and password click the **Authorize** button in the lower right corner. It may take the computer several seconds to process the authorization; please wait for the progress bar to finish.



OverDrive Media Console App

Open the OMC App and find your OverDrive Library website. In newer versions of the App you can do this by swiping from left to right to open the **Home** menu and tapping **Add a library**. In older versions of the App, tap the  icon or go to **Menu > Get Books**. Tap the star to save your library's website to your library list. Then, tap your library's name to start browsing.

Oneclickdigital

Go to your **Downloads** folder and find the **OneClickdigital Media Manager Installer**. Double click on the installer to start it. The setup assistant will open and walk you through step by step. You will use the same username and password you created when opening your account to sign into the Media Manager. To begin browsing, simply click on the **Browse Website** link in the upper right. You can also look for a specific title from the **Search Box** in the upper right. Being signed into your Media Manager should automatically sign you in on the library's webpage.

Zinio

No real setup required, just open your browser or Zinio Reader App, sign in to your account and start.

Freegal


Open your Freegal App and provide your zip code or let Freegal use your current location. Once you have provided a location, a list of libraries in the area that use Freegal will show up. Choose your library from the list and log in. Controls will appear near the bottom of the screen.

Finding What You Want and Checking It Out.

eBooks

Log into your library's OverDrive powered website with your library card and pin. There will be a number of browsing categories in the colored stripe near the top of the page. Above this on the right is the **Search Box** and the link to the **Advanced Search**. Advanced search gives you many options to narrow down what you are looking for, including a checkbox at the bottom that will cause only currently available items to be shown.

Clicking on the cover of a book will give you more information about it such as what formats it is available in, if it is part of a series, and, if you look at the upper right corner of the book image, a sample of the text. The **Borrow** button is also located here. If you are **Logged In**, clicking the borrow button will automatically check out the book. Being logged in will also show you the **default checkout period** set for your account and give you **a link to change it** if you wish. This can also be changed from **Settings** under **Account**, but only before you click the borrow button. **Checkout periods are for 7 or 14 days.**

You can have **10 eBooks** checked out at once and up to **9 holds**. When a **hold** becomes available you must **check it out within 3 days** or it will pass to the next person on the list. Checked out books can be found under 

Account on your library eBook website. From there you can choose to read in your browser or download to your PC or mobile device. You can also cancel holds and return early any books you have not downloaded. Downloaded titles can be returned early from the device or software used to read them. Not all formats can be returned early, but all titles and formats will return automatically at the end of the checkout period.

EPUB books can be downloaded directly to your OMC App.

Adobe works with both EPUB and PDF books. If your download does not automatically show up in your Adobe Digital Editions, go to your Downloads folder and locate the file there. Double click on it to activate it.

To transfer materials from your computer to an eBook reader you will need to connect the reader to your computer and authorize it using your Adobe ID. Once it is authorized the reader will have its own **Bookshelf** along the left side of the Adobe Digital Editions window. Titles you wish to transfer can simply be dragged to the reader's Bookshelf.

Kindle titles will need to have the checkout completed from your Amazon account and can then be sent to your chosen Kindle device or Kindle Reading App. Library eBooks require an active Wi-Fi connection for delivering to a Kindle device, they cannot be delivered using a 3G connection. Due to publisher restrictions some Kindle titles may not be wirelessly delivered at all and will instead require USB transfer from your computer to your Kindle device. These restricted titles also may not be accessed on Kindle Reading Apps.

eAudiobooks

Sign in your OneClickdigital Media Manager and click the **Browse Website** link in the upper right. Or you can sign directly into your library's OneClickdigital website. You will see several search options near the top of the screen, including the **Advanced Search**. The advanced search will let you limit your search to things currently available for checkout.

Click on an eAudiobook's picture to get more information. From this page you can listen to a preview to make sure you like the narrator or check out the title. Along the right side of the page is the **dropdown that lets you choose the checkout period**. An eAudiobook can be checked out for anywhere from **1 to 21 days**. Once you have chosen your checkout period, click **Checkout Now!** The item should now be available through your OneClickdigital Media Manager. If the Media Manager was already open, you may need to use the **Refresh** button in the upper right.

You may check out up to **10 items** at a time. Checked out items can be viewed from **My Collections** on your library's OneClickdigital website. From My Collections you can download, return and renew your titles. Only one renewal is allowed.

eMagazines

Open a web browser and sign into your library Zinio collection account. You cannot check out titles from the Zinio App. There is a search area on the left and a dropdown filter on the right to help you locate titles of interest. From the **search box** you can type in a partial title (Art will bring up both ARTnews and Quilting Arts) or look over an alphabetical list of all the available titles. The **dropdown** on the right lets you browse by category, like Entertainment, News, or Teen.



There is no limit to how many magazines you can check out or how long you keep them. If you wish to clear a title from your account you can do so with the **Edit your reading list** link in the upper right.

Downloading Music

Log in to your library's Freegal page before you start searching for music. Freegal does not have a very good memory, so if you click log in after you find something you will often have to go find it again. There are tons of ways to browse the music collection. You will see browsing categories in the colored stripe near the top of the page as well as along the left side and there is a **search box** located above the colored stripe. The **Search All** button is actually a dropdown that will let you choose a particular type of search to perform: Artists, Songs, etc. If you do not have the name of a song or artist to type into the search box, the **Browse A-Z** directly to the right of it is a good place to start. The alphabetical browse includes both genres and artists. If you want to get to a particular letter it is best to simply **click the shortcut to that letter** because the lists are genuinely massive and scrolling down more than a few letters can take a long, long time. In the browse, artists are listed by their first name.

Songs are in MP3 format and music videos are in MP4 format. There is no digital rights management software installed in either, but all copyrights still apply. You can download **3 songs a week** that are then yours to keep. Downloading a **music video will cost you 2 of your download slots**.

You can also **stream**, that is listen to without downloading, up to 3 hours of music a day. When you put your cursor over a song or an album, you will see a **Stream Now** button come up. If you press that button on an album, the whole album will play in order. You can use **Freegal Playlists**, which are premade lists of songs in a given genre, to help you locate new artists you might like. You can also create your own playlists. Along the left side of the screen, under Streaming, you will find both Freegal Playlists and **My Playlists**. When you click on My Playlists the option to **Create and Store Playlists** appears. Clicking this will take you to a new page with a + symbol at the top. Click the + to start a new playlist. Add a name and description for easy organization, then click **Create New Playlist** in the lower right corner. Now you are ready to start looking for music. Once you've found a song or album you like point to it until the + appears, then click on the + and select the playlist to which you would like to add the song.

Streaming Movies and TV

The main way to locate titles is using the **New Arrivals** and **Category** links near the top of the screen. New Arrivals shows the newest five titles in each category and to the lower right of the five titles is a **See All** link that will take you to the main category. Films in a category are not in any particular order.

You can watch **3 movies or episodes a week** and each title, once checked out, will be **available to you for 48 hours to watch as many times as you want in that period**. Due to licensing agreements, a film or TV show cannot be viewed in multiple 48 hour periods within 6 months of the first viewing.



Additional Resources

ManyBooks – <http://manybooks.net/>

Over 25,000 eBooks to choose from and all absolutely free. This site provides access to a lot of classics and older titles that have passed into the public domain.

Feedbooks – <http://www.feedbooks.com/publicdomain> and <http://www.feedbooks.com/original>

More free eBooks. As well as giving access to several hundred public domain books, there is also a section of original works by new authors.

Librophile – <http://www.librophile.com/#!/ebooks/popular/free>

Hundreds of classic eAudiobooks free. Download or listen right in your browser.

Best Universal Audiobook Apps – <http://appadvice.com/applists/show/best-universal-audio-book-apps>

Brief reviews of ten popular audiobook apps, the list looks at both free apps and ones that you have to buy.

How to Choose an eBook Reader – <http://www.wikihow.com/Choose-an-eBook-Reader>

A useful guide if you're getting ready to purchase your first reader or replace your old one with a newer model.

End of Lexington Public Library handout



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