



October 2023

www.denverapplepi.com

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Apple Meeting or DAPI Meeting”

Denver Apple Pi (DAPI) & Help Meetings are held from 7-9 pm at Applewood Community Church 12930 W. 32nd Avenue, Golden 80401

Mac Meeting and Help SIG	October 17th	3rd Tuesday
Mac Meeting and Help SIG	November 21st	3rd Tuesday
Mac Meeting and Help Sig	December 19th	3rd Tuesday

On occasion, Applewood Community Church may have shelter/meal obligations. You will be notified by email if DAPI meetings are to be canceled.

REMINDER

Help SIG: Call Elissa to get your name/problem on the list prior to our meeting so our DAPI Help people will be prepared. **You will need to bring your computer, your own power cord, mouse and keyboard.** Elissa will keep a sign-up list for those asking for help at the monthly meeting so members can be helped in a prioritized way. Drop-ins are welcome. Contact Elissa at (303) 421-8714 or elissamc40@comcast.net

Need help with iPad, iPhone? If you would like assistance with navigating and synchronizing your iPad and iPhone, bring them to the monthly meeting. Notify Elissa what help you need, and we will try to get the problems resolved.

Tammy Hanson's Apple Rescue Of Denver has moved!

The new address is:

6321 Washington St., Unit E, Denver, CO 80216

(720) 900-1147 applerescueofdenver@gmail.com

Do your Air Pod Pro earphones keep falling out of you ears during use? *Many thanks to Apple Pi member Darlene Boord for this link*

Watch this Video for a tip on how to keep them in place!

<https://www.youtube.com/watch?v=aQd2193uqnU>

Important Change in the New iPhone 15 (That will Affect all iPhone Users) *New York Times 9/16/23, Denver Post, 9/19/23*

The new iPhone 15 replaced the Lightning connector that has been the method for charging iPhones for 11 years with a different oval-shaped connector USB-C. This change has been done now to comply with a 2022 European Union (EU) mandate requiring all smartphone makers to adopt USB-C as a common charging connector by 2024. The intent is to minimize the number of connectors needed for all electronic devices that the average consumer needs and thus to minimize electronic waste.

When Apple customers buy their next iPhones, they will no longer be able to plug in their Lightning accessories such as charging cables, speaker docks and earbuds. These must be replaced with new products that use USB-C connectors to plug into the new iPhones. The USB-C charger is twenty times faster in transferring data than Lightning. There may also be additional benefits, like the ability to plug your phone directly into an external display to look at photos.

Most of us already have a USB-C cable. Modern headphones, game consoles and many laptops, including Apple's MacBooks, long ago adopted

USB-C as a standard charging port. The iPhone is one of the last devices to change. **Note:** Long time Apple users may recall that in 2012, Apple discontinued the relatively bulky 30-pin connector on iPhones to switch to Lightning, a slimmer and faster charging technology, again rendering many speakers and chargers obsolete.

Be careful what you plug into. If you are going to carry only one cable carefully consider the USB cable you will use. Phone repair experts say there is the ability to destroy your phone with the wrong USB-C wire. Many USB-C cables lack chips to restrict the current powering your phone. If you plug it into a source that charges at a higher voltage than your phone accepts, you could electrocute your phone.

High-quality chargers are essentially electronics with tiny circuit boards inside them. On Apple's official Lightning cable, there are two chips: One authenticates that the cable is made by Apple, while the other acts as a fuse that isolates damage to the charger.

Invest in a durable cable from a reputable company or directly from the brands themselves — and avoid purchasing used wires on sites such as eBay. Brands such as Anker, Belkin and Amazon Basics are well known for their high-quality power cables that cost roughly \$9 to \$30, replenishing your phone quickly without damaging it.

Never use USB ports embedded into airplane back seats, hotel room walls or car consoles because it's unclear what their charging rates are. It's safest to only plug your USB-C cable into a high-quality charging brick that protects your phone, **or to use wireless charging.**

If you are an iPhone user who isn't planning on upgrading right away but you need new chargers, the most cost-effective alternative to buying another Lightning cable is to go wireless. The EU mandate applies only to wires that plug directly into devices — not wireless charging devices that replenish your phone via magnetic induction. A good purchase would be Apple's puck-shaped MagSafe, which magnetizes to the back of your phone, or wireless charging pads and stands from brands such as Mophie, Anker and Belkin.

Ultimately, as long as you own a robust cable and a nice charging brick, you will likely be happy with this transition. When you're traveling or forget your cable at home, chances are you'll be near someone who is carrying the same one.

Apple Response to the iPhone 15 “running hot”

Verge.com 10/4/23

Apple blamed several factors for reports of iPhone 15s running hot, highlighting problems with apps like Instagram and Uber, post-transfer background processing, and unspecified bugs in iOS 17. On October 4th the company released a new software update with patch notes saying that iOS 17.0.3 “addresses an issue that may cause iPhone to run warmer than expected.”

Apple listed two security fixes:

1. A kernel exploit for an attacker with local access to the device that Apple said “may have been actively exploited against versions of iOS before iOS 16.6,” (for further in depth information go to <https://medium.com/@maximilianomeyer1/lets-talk-about-kernel-exploitation-and-it-s-implications-af49cfb7d809>)
2. A fix for a libvpx bug — which US Federal Cybersecurity (CISA) issued a warning about — that could allow someone to take over a device remotely, that has also been patched recently in apps like Chrome and Firefox. (Further info available at https://www.theregister.com/2023/10/03/apple_ios_17_overheating_fix/)

Check the newest update from your device. It should include the update, which is shown as a 423.2MB download from Apple.

Five Reasons to Switch to Safari as your Browser

CultofMac by D. Griffin Jones

Many Mac owners use browsers other than Apple's Safari. The Mac has 20% market share, second to Windows, but Apple's web browser Safari only captures 8.9% of the market. But there are many benefits to using Safari on all your devices.

Apple markets its products as privacy-forward, seamlessly integrating apps with each other. The web browser is an essential component of the Mac, iPhone or iPad. Consider the following facts (comparing Safari vs Chrome) in assessing Safari for your Browser needs:

No. 1 Memory and performance

Web browser Chrome is a notorious power drain and memory hog. If one app is taking up too much memory, other apps get pushed out, and that can significantly slow down your Mac.

Because Apple makes the browser and the computer, and now even the processor, they're all designed to work better together. Apple also sticks to a strict rule that any and all new features can only make the browser run faster, never slower. After 20 years of incremental improvements, Apple's internal testing shows Safari loads pages up to 50% faster than Chrome.

No. 2: Safari means fewer ads and more privacy

In order to target people to sell those ads, web browsers such as Google tracks your every move on the internet. Google is currently facing a \$5 billion lawsuit for not keeping private browsing data private. Chrome's new extension system heavily restricts ad blockers, and a YouTube experiment earlier this year blocked the video player when ad blockers were enabled.

Safari keeps your data totally private and secure. It blocks cookies that track users across the internet and returns fake data wherever it can to reduce device fingerprinting. These features are all turned on by default.

Plus, if you pay for iCloud, you can turn on iCloud Private Relay, an included feature in Safari, which effectively acts as a VPN for all your browsing within Safari.

No. 3: Sync everything across all your Apple devices

Safari syncs all of your tabs across iCloud. Turn on iCloud tabs on any device and you can turn off everything else. Are you looking for a link someone sent you on your iPad? Do you remember an important website you left open on your Mac? You can handle it all from your iPhone.

You can even close tabs from other devices:

Just right-click or long-tap on the tab and hit Close Tab on your Mac to clean up the junk that builds up on you iPhone. Make sure you have this visible on your New Tab page — scroll down and tap Edit, make sure iCloud Tabs is turned on. Now you can clean up some of the clutter on your phone.

No. 4: Safari offers easy tab organization

Safari offers some easy-to-use tools to keep your tabs organized. You can easily create Safari Tab Groups for a project or a hobby.

From the tab overview, just tap the menu button, tap New Tab Group and give it a name.

All the tabs you have open will sync across all your devices.

In iOS 17 and macOS Sonoma, you can use different tab groups as different profiles if you have separate browsing data for work and school. These tab groups will have different sets of saved passwords and data from each other, so you never have to juggle between signing in and out of different accounts.

No. 5: Use iCloud Keychain, Apple's built-in password manager

Use iCloud Keychain to manage your passwords. Chrome offers something similar, but the passwords you save there will only be in Chrome. iCloud Keychain works inside apps and syncs across all your Apple devices. In addition It even works with two-factor authentication codes. It will generate and auto-fill codes for you.

Plus, iCloud Keychain works with passkeys, the totally password-free system that's slowly starting to catch on. You can sign into your Apple account, eBay, PayPal and GitHub using Face ID or Touch ID.

While Apple does make an extension for using iCloud Keychain in Chrome, it's only enabled on Windows, or Macs running macOS Sonoma, and it must be manually installed in order to override Chrome's password manager

Google marks it's 25th anniversary of when it was created in the garage of its founders. *TechBusinessDaily.com, 9/5/23*

Started in 1998 by founders Larry Page and Sergey Brin, Google turned 25 in September. In terms of functionality, Google Search was effective for a few reasons. It used the innovative process called PageRank (delivering results by counting web links in a page). It's algorithm was very sophisticated at inception because it not only matched search queries with the text within a page, but also used anchor text. Anchor text is the visible characters and words that hyperlinks display when linking to another document or location on the web.

Google is one of the most valuable companies in the world. At inception it's popularity quickly surpassed competitors such as AltaVista and Yahoo Search and it is currently the most popular search engine, with more than 85 per cent of the market share. Google, now part of a larger parent group called Alphabet, has since diversified in almost every tech area and has anti-competition regulators investigating some activities. It's integrated service has become indispensable to many.

Many experts opine that Google's innovation is starting to lag in the Artificial Intelligence (AI) field to which it has turned development efforts.

Last spring it was learned that the South Korean consumer electronics giant Samsung was considering replacing Google with Microsoft's Bing as the default search engine on its devices. (New York Times, 4/16/23). Bing became more interesting to industry insiders when it recently [added](#) new artificial intelligence technology. It is estimated that \$3 billion in annual revenue was at stake with the Samsung contract and an additional \$20 billion is tied to a similar Apple contract that will be up for renewal this year.

A.I. competitors are becoming the most serious threat to Google's search business in 25 years. In response, Google is working hard to build an all-new search engine powered by AI and upgrading it with AI features, according to internal documents reviewed by *The New York Times*. The search engine powerhouse has the financial and human capital required to dominate the AI industry and avoid obsolescence. The tech industry will be scrutinizing its future research and product offerings closely.

This New Law Could Change How Messaging Works

TechbusinessDaily, Sept 11, 2023

Phone Messaging is currently divided across many platforms. Apple users tend to stick with iMessage while WhatsApp has many users across the world. It's common in former Soviet states to use Telegram. Privacy conscious users usually go for Signal. Google is pushing Rich Communication Services (RCS) to replace SMS (Short Message/Messaging Service) messages with a text-message system that is richer, provides phonebook polling (for service discovery), and can transmit in-call multimedia.

Each of these services is an improvement over SMS but they require both users to have the same app to communicate. A European Union (EU) law (called the Digital Marketing Act (DMA)) seeks to enact changes which enabling cross-app communication.

The DMA intends to ensure a higher degree of competition in European digital markets by preventing large companies from abusing their market

power and by allowing new players to enter the market. The European Union regulations for 2024 require companies like Alphabet (Google), Amazon, Apple, ByteDance, Meta, and Microsoft to enable interoperability with third-party messaging platforms. The DMA's goal, per the European Commission's FAQ about the law, is to keep gatekeepers "from imposing unfair conditions" and to "ensure the openness of important digital services." Beyond dictating that messaging apps must interoperate, the DMA requires that gatekeepers, among other things, let users remove pre-installed apps or shop alternative app stores.

Both Meta and Microsoft are planning their own mobile app stores in response to the DMA. Meta has taken the first step towards complying with regulations by bringing cross-platform messaging to WhatsApp. According to new reports, a new screen titled 'Third-party Chats' is visible on the latest beta version of WhatsApp.

The European Commission is investigating whether Apple's iMessage and Microsoft's Bing search engine, Edge browser, and advertising service meet the bar for the new regulation. Big Tech firms are competing more and more across all services, not just the ones in which they have traditional strength.

Denver Apple Pi Membership Information

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Fill in the form below or ask for an application to complete and send 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 elissamc40@comcast.net. Our web site is:
www.denverapplepi.com

Mac and Troubleshooter Group Help SIG meets the THIRD Tuesday of the month, 7:00 to 9:00 p.m.

Seed articles should be sent to:

lindasienkiewicz@gmail.com, Subject: Seed article

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6501 Welch Court Arvada CO 80004-2333

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