Denver Apple Pi Mac SIG & Help SIG Meetings are held at Applewood Community Church 12930 W. 32nd Avenue, Golden CO 80401 7-9 pm

Mac Sig and Help SIG	August 15th	3rd Tuesday
Mac Sig and Help SIG	September 19th	3rd Tuesday
Mac Sig and Help Sig	October 17th	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.

MEMBERSHIP NEWS

A Note fromTreasurer/Membership Board Member Herman Pflueger

Denver Apple Pi is updating the Membership List. If you wish to remain a DAPi Member please verify your contact information in an email to Herman at hermanalb@me.com. Please provide your name, current address, email address and phone number.

In May 2023, DAPi Board of Directors decided to waive membership dues until further notice.

COMING EVENTS:

Sunday, July 16 –Apple Pi Picnic- from noon to 3 PM

Our annual picnic will be held at Allen House Pavilion on

Sunday, July 16 at 11200 Ralston Rd, Arvada, CO 80004

If you plan to attend, call or email Elissa at (303) 421-8714 or elissamc@comcast.net (with Picnic/DAPi in the subject line).

Elissa will purchase the meat, hot dogs, buns, condiments, water, pop, cups, plates and eating utensils and she must have a good estimate of the number of people that will attend.

REMINDERS

Help SIG: Call Elissa to get your name/problem on the list 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 Help SIG meetings 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 Help SIG meeting. Notify Elissa what help you need, and we will try to get the problems resolved.

DID YOU KNOW?

MacOS Sonoma Desktop Widgets   MacMost.com 7/4/23

Beginning in the Fall of 2023 the macOS Sonoma will have the ability to put widgets right on the Desktop where they can be readily seen and clicked on to take actions.   You may recall the precursor of this Desktop feature, Dashboard, which was introduced in Mac OS X 10.4 Tiger in 2005 and saw its final update in 2011 with the launch of OS X 10.7 Lion.

Dashboard was removed entirely in macOS 10.15 and widgets displayed only in the Notification Center. This was partly because of the many complaints that older Dashboard widgets unjustifiably using too much processing power. Now widgets are far more optimized and can be reintroduced, this time on both the Desktop, and in the Notification Center (or in both!), They will be easy to add, delete and arrange. In addition, widgets that can only be used on an iPhone will be able to be displayed on your Mac Desktop to click upon, then brought for display and use on your

nearby iPhone. The Widgets feature can be simply and easily turned off and on by going to Settings/Desktop and Docs and clicking on the "Show Widgets" toggle. Scrolling further down in this screen you can also control how widgets are displayed, monochrome or full color.

MacMost.com producer Gary Rosenzweig conjectures that many more third party apps may soon appear that utilize additional widgets now that widgets are part of the OS and conveniently displayed on the desktop.

Find Gary's succinct YouTube preview of the Sonoma Desktop widgets at:

https://macmost.com/macos-sonoma-desktop-widgets-preview.html?awt_a=2P.a&awt_l=J4_m_n&awt_m=J7HRb7jLLh8l.a&nlclx

iMac with Larger Display expected by 2025

macrumors.com July 9, 2023 by Joe Rossignol

In the past few years Apple has discontinued the 27-inch iMac and iMac Pro with Intel chip and but has not launched a larger replacement screen iMac with an Apple silicon chip. Instead of the iMac all-in one solution, Apple currently offers the 27-inch Studio Display, which can be connected to the Mac Studio or an iMac with Apple silicon chip. The only all-in-one Apple computer is the 24-inch iMac with M1 chip (released in April 2021).

By 2025 Apple is expected to launch a much larger updated model with the M3 silicon chip which will deliver significant power and performance improvements.   According to Mark Gurman of *Bloomberg Power On Newsletter*, Apple is in early development with larger iMacs, including a model with around a 32-inch display.

This iMac model display will be around the same 32-inch size as Apple's high-end Pro Display XDR monitor, (released in December 2019), which has 6K resolution for Retina-quality content and starts at $4,999.

iOS 16 has new hidden system to restrict specific features based on the user's location

An iPhone or iPad can be used almost anywhere in the world, but some iOS features are only available in specific places. Sometimes, local regulations create these restrictions (such as FaceTime not being available in the UAE). As reported by *9to5Mac.com,* Apple has been testing a new, more modern system hidden in iOS 16 to restrict features based on the user's location.

Apple has historically used hard-coding techniques to restrict iOS features in specific locations. Restrictions are linked to the region of a device, by either software settings or the origin of the hardware. With all this information combined, it is harder for users to bypass these restrictions. On the flip side, it becomes easier for the device to automatically ignore the restrictions when the user travels to another region.

 Apple is now working on a new, smarter way to precisely determine the user's location. They are planning to allow side loading on iOS 17 for the first time because of pressure from the European Union. The feature will not be available in regions other than Europe. The EU has some laws that dictate that alternative methods to their App stores must be available to download apps. This may make European models of devices more desirable throughout the world.

Sideloading is the process of installing third-party apps using alternative methods other than the official ones like the App Store. Apple will be able to use the new "countryd" system, to easily determine if the device is being used in an EU country to allow sideloading. If Apple is forced to allow sideloading by other countries, this does not mean a simple update to this system will enable the feature in other regions. In addition, bypassing sideloading won't mean simply changing the system settings or, for example, buying an iPhone in Europe to use in the US.

Apple Vision Pro announced at WWDC 2023 in June

the verge.com , June 7, 2023, author Jon Porter

Over a decade in the making, Apple Vision Pro, Apple's virtual realty headset was rolled out in the June WWDC 2023 (held June 6-9th). What does this product usher in, you might ask?

Consider this future scenario :

> *"The year is 2025. I'm sitting on the couch next to my husband, who appears in my field of vision whenever we talk to each other. When we aren't talking, he fades out of view so I can focus my attention on the screens in front of me. I'm editing a presentation for work, FaceTiming with my family across the country, learning Spanish, and watching cooking demos on YouTube at the same time.*

> *I get a notification — it's time for my daily meditation. The screens darken, and the room around me fades away completely so I can focus on a calming animation and count my breaths. When I'm done, the session is automatically logged in my journal, along with my daily mood: pleasant. Just like yesterday. The FaceTime call comes back into focus just as my family members' photorealistic personas are laughing at something funny my mom said. I'm not sure what it was, but my avatar laughs along with theirs anyway." (theverge.com June 7. 2023, author Allison Johnson)*

This groundbreaking addition to the Apple lineup will impact the future lives of most of us. I plan on going into greater depth regarding virtual realty Apple products in future issues of Denver ApplePi Newsletter.

Here is what was revealed at WWDC 2023:

The new Apple Vision Pro headset runs visionOS, uses two Apple Silicon chips (M2 Ultra and R1), and can be used for up to two hours with a tethered battery pack or plugged in for unlimited use It also uses "natural control" with hand and eye tracking as well as voice commands. The Vision Pro headset will arrive in early 2024 in the US, and Apple is pricing it at $3,499 to start. Apple is also working on a more affordable version of the headset to broaden it's appeal, scheduled to come out in 2025.

More than a dozen cameras and sensors in the headset map out the world around the user, keeping track of hand and eye movements. Authentication is accomplished using Optic ID, which scans the user's unique iris pattern with infrared lights and cameras. Optic ID is similar to Face ID and Touch ID and can be used for unlocking the device, making purchases, and as a password replacement.

This is a mixed reality device capable of both virtual (VR) and augmented reality (AR) experiences, which CEO Tim Cook believes it the more important aspect.   Users can switch between AR and VR using a digital crown-style dial. There are no controllers for Apple Vision Pro. The headset is instead controlled by eye tracking, hand gestures, and voice commands. An app can be navigated to and highlighted by looking at it and then opened with a tap of the fingers. Scrolling is done with a simple flick of the fingers. If the visual field displays the users eyes on the front, that means other users can know the person wearing it can see them.

Developers admit that "some tasks are better suited to interact directly", which can involve reaching out and touching a UI element like a virtual keyboard in line with sight (a feature Apple refers to as "direct touch). There is also support for using physical keyboards and trackpads or game controllers.The iPhone will also work with the headset, though specific details on iPhone integration are not yet available. The iPhone may be able to be used for text input and other similar functions.

Initially, Vision Pro will be available only in Apple Stores in the US or on line at Apple.com. In-store buyers will likely be requested to schedule an

appointment to purchase the Vision Pro, in a manner similar to the rollout of the first Apple Watch in 2015. During the appointment, an employee will ensure that the Vision Pro fits the wearer.   Customers who wear glasses will be able to order Zeiss Optical inserts with their prescription. This will be a separate cost. The lenses will attach magnetically to the displays inside the headset. There is a thermal system inside the headset designed to quietly move air through the headset to control heat and optimize performance.

Denver Apple Pi Membership Information

Denver Apple Pi (DAPi) is an Apple Computer Users Group, not affiliated with Apple Inc. The Seed is an independent publication not affiliated or otherwise associated with or sponsored or sanctioned by Apple Inc. The opinions, statements, positions and views stated herein are those of the author(s) or publisher and are not intended to be the opinions, statements, positions or views of Apple Inc. Articles, stories, and other items in The Seed may be copied or used by other clubs or groups as long as credit is given to Denver Apple Pi and the author of the article. On reprints, please also include the date or volume number from The Seed.

Fill in the form below or ask for an application to 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 SIG and Troubleshooter Group Help SIG also meets the THIRD Tuesday of the month, 7:00 to 9:00 p.m.

Seed articles should be mailed to:

 lindasienkiewicz@gmail.com,   Subject: Seed article

Denver Apple Pi Officers

President	Larry Fagan
Vice President (Mac)/(Help)	Tammy Hanson
Secretary	Elissa McAlear
Treasurer/Membership Chair	Herman Pflueger
Appointees: Web Master	Tammy Hanson,
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Web Monitor	Darlene Boord

Membership Form

New members please complete and submit to:

Denver Apple Pi.   elissamc@comcast.net

6501 Welch Court Arvada CO 80004-2333   Date_____

☐ Renewal   ☐ New _____   ☐ Change

Name

Address

City/State/Zip

Phone(s)   Email

Kind of Computer: _____ OS _____ Apple II _____ GS _____
Mac _____