THE SEED

A Newsletter From Your...
DENVER APPLE PI
Macintosh User Group

Denver Apple Pi
Mac SIG & Help SIG Meetings are held at
Applewood Community Church
12930 W 32nd Avenue
Golden CO 80401
7 to 9 pm
SEE WEBSITE FOR MAP

2020 Calendar		
Picnic	**Jul 12**	**Sunday**
Help SIG	Jul 23	4th Thurs
Mac SIG	Aug 18	3rd Tues
Help SIG	Aug 27	4th Thurs
Mac SIG	Sept 15	3rd Tues
Help SIG	Sept 24	4th Thurs
Mac SIG	Oct 20	3rd Tues
Help SIG	Oct 22	4th Thurs
Mac SIG	Nov 17	3rd Tues
Help SIG	Nov 19	3rd Tues*
Xmas Party	Dec 22	3rd Tues
Help SIG	Dec	Unknown

On occasion, Applewood Community Church may have shelter obligations. You will be notified by email if DAPi meetings are to be cancelled.

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Mac SIG

June 2020

No Mac SIG/Help Meetings


The leadership team of the
Applewood Community Church
has elected to stay closed
until further notice.

We will notify DAPi members
when we can resume meetings
at the church.
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MEMBERSHIP DUES FOR JUNE 2020

Dave Nichols   Jim Ross   Tom Stevens

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

COMING EVENTS:
DAPi Picnic, July 12, Allen House Pavilion.
Map will be in July issue of *The Seed*

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 elissamc@comcast.net or at 303.421.8714. Tom King says if you have questions about Excel for Mac, the spreadsheet software program, bring your questions to the Help SIG meeting. Please call Elissa in advance.
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.

Recycle your packing materials!

Tammy Hanson is willing to reuse any packing materials you may get including air pillows, bubble wrap, Styrofoam, peanuts and even packing paper. Some boxes are desirable as well, especially computer or monitor sized and any wider than 14". If you have a bunch, pickup is available or you can bring them to meetings once we resume.

Of course, recycling any Apple product is also welcome :-)

Email applerescueofdenver@gmail.com or call 720-900-1147.

DAPi ELECTION OF OFFICERS 2020-2021

The DAPi Board of Directors has modified our bylaws to include an alternate election of officers format. This year, email ballots will be a valid method of voting. If the Mac SIG is cancelled, the vote will be counted and announced by the board via email and formally presented at the next Mac SIG.

You will receive your ballot under separate cover. Please vote and return your ballot to Elissa at elissamc@comcast.net Nominations for DAPi offices this year are:

Office	Candidates
President	Larry Fagan
Vice President – Help	Tammy Hanson
Vice President – Mac	Tom King
Secretary	Elissa McAlear
Treasurer	Larry Knowles
Membership	Herman Pflueger

Appointees:
  Seed Editor
  Web Monitor
	Joyce Etherton
	Darlene Boord

Write-In Candidates:

31ST ANNUAL WORLD WIDE DEVELOPERS CONFERENCE
JUNE 22 – 26, 2020

Watch the WWDC Keynote Address online on the Apple Website on June 22, 2020 at 10:00 AM Pacific Time. Normally, there are over 5,000 developers in the main hall for this event with many more watching online streaming from the Apple website. This year will be different, bringing together our global developer community of more than 23 million in an unprecedented way for a week in June to learn about the future of Apple platforms," This year, all participants will be online only.

Developers must register in advance, but this year for the online presentation, admission is free. Following the Keynote presentation, participants will be able to engage with Apple engineers.

Apple is expected to unveil the next versions of iOS 14 and iPadOS 14, the mobile software for iPhones and iPads, and hold online sessions for Apple developers. During the Apple Keynote you can expect a sneak-peek at some of the coolest new features Apple plans to introduce in iOS 14, iPadOS 14, watchOS 7, tvOS 14, HomePodOS, and MacOS 10.16. And while software is always the main focus of WWDC, it's still possible that Apple will also announce new hardware such as the rumored Tile-like tracker, StudioPods, and HomePod mini, and maybe even an updated iMac Pro.

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YOUTUBE MAC (AND iOS DEVICES) TUTORIALS FROM MACMOST
https://www.youtube.com/user/macmostvideo/featured

MacMost videos focus on the apps that come with your Mac, iPad and iPhone. From the homepage, you can select what you want to watch using an extremely well indexed format by subject as well as dates they were added to YouTube.

Gary Rosenzweig writes a free weekly newsletter you can subscribe to using your email address. It arrives Thursday each week. If you become a paying supporter of Club MacMost (a patreon), he posts extra tips, videos, and so on. Gary has more than 500 paying subscribers to MacMost.

The MacMost website contains hundreds of free video tutorials. He also has in-depth tutorial classes that require a one-time payment. For example, you can enroll in a video class tutorial on macOS Catalina priced at $39.95
https://courses.macmost.com/courses/catalina/
Gary provides a free, unlocked sample selection for these for-pay tutorials to help you decide whether or not to enroll.

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CREW DRAGON SPACEX ASTRONAUT'S GLOVES

If you watched the launch of SpaceX with astronauts aboard for Demo 2 flight, you may have noticed the two astronauts wearing gloves while they used the new touch screens aboard Crew Dragon. Because our iPads, iPhones and laptops use touch screens or pads that use either finger controls or a stylus that can activate the

screen, I wondered how the astronauts' special gloves allowed them to make "contact." The touchscreens on my iPhone and iPad Pro do not work if I wear gloves, either fabric or nitrile. Most modern touch screens use "capacitive touchscreen" that you can read about at length on the internet, but in short it means that for a glove to work with a touch screen it needs to complete a circuit with your finger. The internet explains that the gloves had conductive thread carefully woven into the material.

Conductive thread is available on the internet from several sources, but Fashioning Tech has a recommendation that includes specifications and comments showing what must be considered when employing "conductive" thread. Thread that frays too easily gets thumbs-down reviews. https://fashioningtech.com/2009/02/25/conductive-thread-overview/

Thread Specs
Resistance: ~ 14 ohms/foot
Thread Weight: Thick
Manufacturer: = Shieldex
Quantity: 2.5 pound Cone
Where to Buy: $24.11 for 1 ounce spool @ Silverell
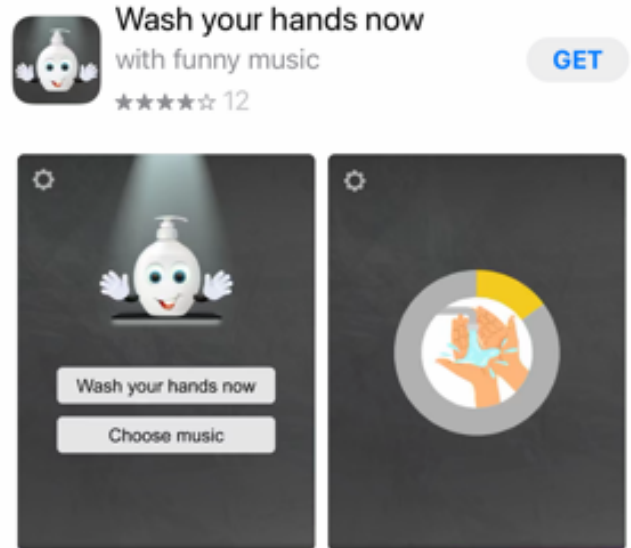
Thread Analysis
Bobbin thread= yes
Top Thread = no
Hand Stitch = yes
Fraying = light
Resistance = Low

Wearable garments can also become touch sensitive by integrating conductive threads into the fabric.

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HAND WASH APPS AVAILABLE FOR iOS DEVICES

In the App Store on your iOS devices are many (> 10) apps to guide you through how to wash your hands, how often to wash your hands, when to wash your hands, etc. Most apps are free; one app, "Wash Hands: Reminder," costs $0.99. Funny music is included with "Wash your hands now" app.

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APPLE'S R&D CENTER IN HERZLIYA, ISRAEL

There are three Apple-owned businesses in Israel that began in 2012 with the purchase of Anobit in 2011, PrimeSense in 2014 and then in 2015 the Herzliya R&D Center. Herzliya is a modern city northeast of Tel Aviv on the Mediterranean coast and is considered Israel's Silicone Valley. Former Google Chairman Eric Schmidt complimented the country during a visit there, saying "Israel has the most important high-tech center in the world after the US." *Wikipedia* says, "Thanks to government incentives and the availability of highly trained human capital, Israel has

become an attractive location for the research centres of leading multinationals."

Apple's main headquarters is in Cupertino, California, and the European HQ is in Ireland. In early 2015, Apple CEO Tim Cook and Johny Srouji, Apple Vice President for hardware technology, travelled to Herzliya to formally open the newly purchased R&D center. Souji is an Arab-Israeli from Haifa who joined Apple in 2008 after having worked at Intel and IBM. Souji now heads all the "custom silicon architecture and development" and will be responsible for "many of Apple's industry-leading devices" according to an Apple news release.

Anobit was purchased because of its innovative flash-drive memory technology. Flash drive has made it possible for Apple devices such as iPod, iPhone, iPad and the MacBook Air laptop to eliminate the hard drive, the result of which is thin, sleek devices that run on less power. Anobit is now located in the Herzliya R&D Center.

PrimeSense is known for its motion sensing chips and accompanying sensor and software technology. Speculation is that Apple will incorporate these capabilities to make for a computer/human interaction more human like using voice, facial recognition, gesture recognition and awareness of signals like depth and 3D space.

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IS IT TIME FOR A PASSWORD MANAGER?

Consumer Reports in its July 2020 issue says it might just be time to make your online

accounts more secure. It reviews ten services, some are free and some cost as much as $96 per year, and are scored on performance using the same tests: Price per year, Data Privacy, Data Security and Usability.

Consumer Reports' first choice based on in-depth testing was 1Password that had an overall score of 88 with an annual coast of $60. The highest rated free password manager is Bitwarden with a score of 72. Next highest rated free password manager is LastPass with a score of 70.

CNET did an online password manager review on May 13, 2020 with these results: 1Password is the "best subscription password manager." LastPass is the "best free password manager" giving you the ability to store passwords, user login info and credentials and sync all of it wherever you want -- across desktop and mobile devices and browsers. For LastPass' premium version at $36 a year, you get the to share passwords, logins, memberships and other items with trusted family and friends, use multifactor authentication through YubiKey* and get 1GB of encrypted storage. A $48 annual subscription in LastPass gives you the families plan with six individual accounts, shared folders and a dashboard for managing the family accounts and keeping an eye on your account's security.

* The YubiKey is a small metal and plastic key about the size of a USB stick. They plug into your computer, and some also connect to your phone.

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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 y 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.

MEMBERSHIP DUES are $20.00 per year for a monthly hard copy of The Seed and $15.00 per year for a monthly PDF copy. Fill in the form below or ask for an application to send with your check to the Club mailing address: DENVER APPLE Pi, 67501 Welch Ct, Arvada CO 80004. For information, call Elissa McAlear at 303.421.8714 about Apple II, GS and Mac. Email elissamc@comcast.net. Our web site is: http://www.denverapplepi.com

Mac SIG meets the THIRD Tuesday of the month, 7:00 to 9:00 p.m. Troubleshooter Group Help SIG meets the FOURTH Thursday of each month from 7:00 to 9:00 p.m. unless a holiday necessitates a change. Seed articles should be mailed to jjetherton@comcast.net, subject: Seed article.

Membership Form

Date _____   Renewal   New ☐ Change

Name _____

Address_____

City _____

Phone(s) _____

Email_____

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

Denver Apple Pi Officers

President _____Larry Fagan
Vice President (Mac) _____Tom King
Vice President (Help) _____Tammy Hanson
Secretary _____Elissa McAlear
Treasurer _____Larry Knowles
Membership Chair _____Herman Pflueger

Appointees:
Web Master:_____Tammy Hanson
Seed Editor: _____ Joyce Etherton
Web Monitor: _____ Darlene Boord

Denver Apple Pi
6501 Welch Court
Arvada CO 80004-2333

FIRST CLASS MAIL — DATED MATERIAL

Return Service Requested