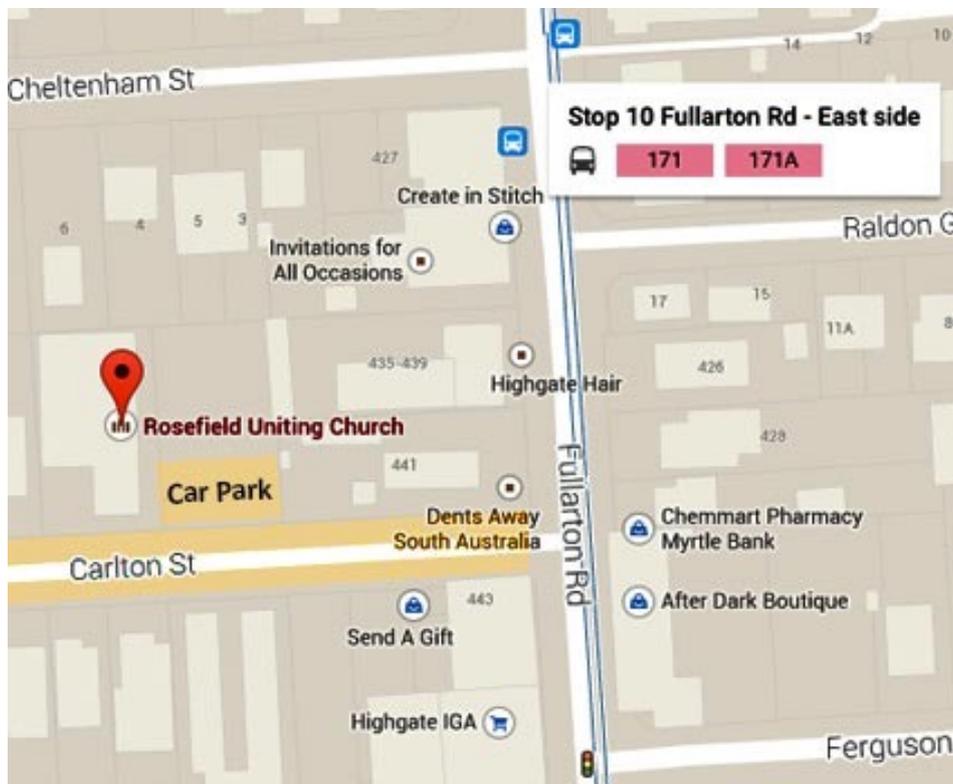




## Meetings:

**Friday 2nd September @ 7:30pm**  
(doors open @ 7:00pm)

### External storage devices for Mac & iOS



### & Wednesday 7th September @ 2:00pm

Meetings at Rosefield UC 2 Carlton Street Highgate –  
off Fullarton Rd between Fisher Street & Cross Road

Street View <<https://www.google.com.au/maps/@-34.960106,138.624922,3a,90y,357.08h,90.59t/data=!3m4!1e1!3m2!1sbqkyXXNQ39xIB7LKVM0QyQI2e0I6m11e1>>

### Looking ahead

Friday 7th October – SIG's

Wednesday 12th October usual meeting

Friday 4th November – John Bohmer 3D Printing Demo

Wednesday 9th November usual meeting

Friday 2nd December – Breakup for 2016 (Last meeting for 2016 – no Wednesday meeting)

## From our President

*'The first blossom and flowers of Spring are a welcome sight after what seems a long and particularly cold winter. It's time to spring clean. We can expect the release of the new macOS and iOS10 in the next few weeks meaning it's a good time to think about preparing our Macs and devices - running Disk Utility and considering whether to do a fresh install of the new OS, backing up and perhaps weeding out what is wasting space on the Hard Drive.*

*We may be needing to reconsider the viability of our Wednesday afternoon meetings. Numbers have been consistently low and need to increase to justify the time put in by Committee members and volunteer helpers. We welcome some feedback on this topic.*

*Watch for the new iPhones and new hardware from Apple in the next few weeks. Apple is being challenged to find something new and special - how will they respond?'*

*Regards*

*Marie*

## Mac & iOS data storage

Mac users, right from 1984, have been able to store data on external devices starting with floppy discs and SCSI connected HDD's.

Along the way there have been numerous magnetic media disks like 20MB to 80MB Syquest cartridges and bigger floppies like Iomega Zip disks with 100MB or 250 MB capacity each needing it's own proprietary drive. There have been many optical discs with CD, DVD (and even BluRay with the right software) which remain current technology although drives are no longer internally installed in Apple hardware.

For current Mac's USB Flash drives and USB 3 or Thunderbolt External HDD or SSD drives are readily available for extra storage and backup.

For iOS (iPhone and iPad) it gets a little more complicated as Apple have deliberately not made USB connectivity easily available.

Lightning to camera and USB adapters are available but standard Flash or HDDrives are not recognised when plugged into them.

File transfer, backup and Syncing is generally done via iTunes installed on a Mac or PC. (using a cable or WiFi)

The snag with this is that it assumes that iOS users also own a computer or have reliable access to one.

Until recently the only other ways to transfer or share data was via WiFi, [including WiFi NAS (Network Attached Storage) drives] the cloud or as an email attachment for the odd file.

Now, there are Flash Drives with both USB and Lightning connectors that allow files to be transferred and stored without the need for another computer or cloud access.

There are also battery powered Hard Drives with WiFi/Bluetooth which have much greater capacity than Flash drives.

Both of these can be used with iOS and MacOS or Windows with the appropriate Apps, drivers or formatting.



Apple Time Machine, Seagate and WD wireless HDD's and Sandisk iXpand USB3/Lightning Flash Drive

The big advantage with these is that space on your iOS device can be maximised, photos and videos can be moved to the device or viewed from it without having to be connected to another computer or the internet.

(Apple's Time Machine is not portable like the others but is also a Modem/WiFi Router.)

Surfing the 'net, you will see many more devices but I have restricted my research and pictures to products I know are available locally.

Web Reviews & videos

<<http://www.cnet.com/au/products/wd-my-passport-wireless/>> (SD Card transfer slot, fastest WiFi, short battery life.)

<<http://www.cnet.com/au/products/seagate-wireless-plus-1tb/>> (Best battery life, last generation WiFi, can be used as bus powered portable.)

<<https://www.sandisk.com.au/home/mobile-device-storage/ixpand>> (Previous USB 2 model was over 2x wider.)

There are also USB 3 + USB 3.1 (Type-C connector) Flash Drives for anyone with a MacBook.

<<http://www.macworld.co.uk/feature/iphone/best-ways-get-more-storage-for-your-iphone-or-ipad-external-devices-3579792/>>

<<https://9to5mac.com/2015/03/12/best-external-hard-drive-for-mac-ios/>>

***At our Friday 2nd September meeting we hope to be able to demo and discuss a number of devices.***

***If you have one of these or a similar storage device, please come along, bring your device and share your experience of using it.***

Rob.

## Mike's Musings



## Kagi Is Kaput!

In earlier times, we got much of our useful software for our Macs from small software shops, who could not afford to sell it through regular retail stores or mail-order outfits. Instead they offered it as "Shareware". Before shareware became much more accessible via the Web, we used to have hunt down "bulletin boards" from which to download something. Or some game Club member would get a copy and donate it to the Club's "Shareware Library", whence members could get a copy at "Copy Sessions" run by the club. If a developer needed to charge for a product they offered as shareware, you could install the software on your computer to try it out, but they hoped you would "do the right thing" and pay them for it.

A good deal of this shareware came from the U.S., so you had to pay for it in "Yankee Bucks". But often it was often hard to work out how to get said payment to the developer. On the scene came an outfit called **Kagi**, about 1994. They signed up developers on the basis of users paying Kagi, who would then pass on the fee to the developer—less a small percentage for their work. Kagi's set-up made it very easy to pay by credit card, even if the user was in another country. (I remember paying for several items via Kagi—all quite painless.)

Unfortunately, about ten years ago, Kagi took on the work of collecting payments for a large organization who had nothing to do with software development. Dubious ways of doing things by this outfit eventually got Kagi into a real financial mess. They set to get themselves out of it, but found they just could not. Kagi management felt the only thing they could do was to "close up shop", which they did at the end of July.

Adam Engst, of *TidBITS Publishing*, has written an extensive and clear account of exactly what happened to Kagi. You can read it at <<http://tidbits.com/e/16665>>. I was sad to hear about this.

Mike Millard

## Apple TV Remote App for ATV4

The new *Apple TV 4* (aka *ATV4*) has rather greater functionality than the earlier 2nd- and 3rd-gen models. The same applies to its remote control unit. For one thing, *Siri* dwells within, so you can “*Hey, Siri!*” to have the *ATV4* do many things that you might otherwise achieve by sliding or pressing buttons on the remote. Apple brought out an iOS remote control app for the earlier *ATVs*. It also works on the *ATV4*, but of course does not “know” all the newer *ATV 4* capabilities. In July Apple released a new app for the *ATV4* (but which will also work with the earlier models). Both are in the App Store, **but** ... names have been changed! The app for the *ATV4* goes by the handle **Apple TV Remote**; the older app is now called the **iTunes Remote**. Note: when I first “Searched” for the new app in the App Store it didn’t show, only “iTunes Remote” did. I only found the new one after Googling under “Apple TV Remote on the App Store”. One great advantage of using one of the apps to control an *ATV* over using a remote is when you must search terms. The apps give you a keyboard to type on in your *iDevice*; with the remote, you must “hunt” for each character!

The *TidBITS* folks have produced a short write-up on how to make good use of the new app. Look for it at: <https://tidbits.com/article/16664>

Mike Millard

## From the Archives

I used to write a column in the *ApplesBC* newsletter called “Millard’s Mac Musings”. In an item in the January, 2005 column on what Apple might be doing in the near future, I wrote the following:

- *iTunes Music Stores*. There is a report that Apple will be holding a “special event” on January 12th, in Australia. This will be to announce the first *iTMS* “down under”. There will be two special offerings to go along with the opening.

There will be a “Rolf Harris” *iPod*, which will be a regular *iPod* built into a large sheet of *Masonite*. To play the music on that *iPod*—which will come with a free copy of “Tie Me Kangaroo Down, Sport”—you grab the ends of the *masonite* board and “wobble” it in and out in time with the music.

The other will be the “Bee Gees” *iPod*, in “Saturday Night Fever” colours. It will have all the songs the *Bee Gees* ever sang on the Saturday afternoon “Bandstand” show on Australian TV in 1964. And of course to go along with it there will be Apple’s new line of “Staying Alive” disco gear.

Mike Millard

*Editor’s note;*

Did you know that before Rolf Harris became an entertainer he worked as a window dresser in Adelaide’s Harris Scarfe Department store?

Part of the old store redevelopment is now Apple Rundle Place.

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## Apple New Product Release Event – September 7? 9? 16?

<http://www.forbes.com/sites/ewanspence/2016/08/26/apple-news-digest-iphone-7-launch-date-sale-ios/#328cf8ed148c>

At the time of writing, Apple have yet to announce the date. When they do guests and journalists will be invited to attend.

We know that *MacOS Sierra* and *iOS 10* are on the way but what hardware announcements will be made is pure speculation.

*iPhone 7* in at least 2 sizes with improved cameras is the most common rumour. *Apple Watch 2* is likely to be announced. New or refreshed *Retina MacBook Pro*’s are expected along with a revamped *Mac Pro* and possibly *iPad/ iPadPro* improvements.

At least one site suggests “don’t buy anything Apple now”, anything could be superseded by October.

## Apple Music Festival - London

*Apple Music Festival* runs from 18 September to 30 September

Details at <http://www.apple.com/au/pr/library/2016/08/25Apple-Music-Festival-to-Light-Up-London-with-10-Nights-of-Spectacular-Performances-This-September.html>

## Apple Store Rebranding

Apple has dropped “Store” from the names of its retail outlets.

<<http://www.macrumors.com/2016/08/18/apple-drops-store-branding/>>

This was first noticed at some US Stores but it now looks like an international rebranding exercise.

Adelaide’s store is now titled “Apple Rundle Place”.

<<http://www.apple.com/au/retail/rundleplace/>>

## Apple Campus 2 Progress

August 2016

<<http://www.macworld.co.uk/feature/apple/complete-guide-apple-campus-2-3489704/>>

This is a comprehensive overview of the project, at point 18 is a CGI video of what it should look like when completed.

## Apple – You can do better...

Hewlett Packard is where Woz worked as an engineer and reluctantly resigned from when Apple was formed and needed his full attention. The new Campus 2 is being built on land previously owned by them. Recently, HP have increased their innovation with their range of Windows 10 computers with the “Sprout” which includes a 3D scanner and a touchpad that is also a second touch screen monitor, they also sell the widest curved monitor on the market. The world’s thinnest laptop is an HP and some models have cases of similar machined aluminium construction to MacBook Pro’s and rival them for style. Unlike Apple, they have a very wide range of products to fit every segment of the market. <<http://www.hp.com/>>

Where they excel in the laptop range is with the “HP ZBook Studio” powered by Intel Xeon chips, NVIDIA Quadro GPU, up to 32GB RAM and they have Thunderbolt 3, USB 3 and HDMI ports.

NASA is sending 120 of these to the International Space Station to assist the scientists on board.

<<http://www8.hp.com/au/en/campaigns/workstations/missionz.html>>

Their workstation information even includes a comparison with Mac Pro guide to entice customers to switch to HP.

***This info is not intended as an advertisement for HP***, but rather to show how slow Apple has been to introduce the latest technology and while Mac’s may well do much more than we need them to, they are not as capable for professional, industrial or scientific purposes than products offered by some other companies.

Not offering a top spec i7 iMac as part of the available in store range has always seemed to me to be a poor strategy that makes Mac’s appear less capable than the competition despite the amazing screens and value, as is the lack of user upgradability of RAM on 4K iMac’s.

Reducing the type and number of ports on laptops for the sake of simplicity and style but reducing flexibility of connectivity for users also seems counter-productive, a sales disadvantage and a disincentive to switch to Mac.

Also, why is Apple Care an extra when others like HP provide a 3 year onsite warranty on high end machines as standard?

Consumer buyers see specs and see newer and more powerful as better, even if they will never use the potential performance of a higher spec product.

Back in PowerPC days, Apple ads compared their computers with the others by what they were able to do rather than by chip speeds and other specs, reliability and total cost of ownership.

Perhaps it is time for Apple to again share more about what their various Mac’s can be used to do and the advantages of owning and using a Mac.

(Even smart phones, tablets or ChromeBooks and the like can surf the net and suit many user’s needs.)

MacOS is no doubt better than Windows 10 unless you really need a touch screen interface. With professional software, however, the only difference in operation is keyboard commands, the software works the same, which makes it even more puzzling why and how Apple decide what they do, we know they could do better.

Rob

(For a good look inside the ISS <<https://www.youtube.com/watch?v=QvTmdlhYnes>>

or <<https://www.youtube.com/watch?v=bhGydrdbEA>>)

## Woz warns against dumping the earphone jack...

Rumours about the iPhone 7 point to the replacement of the industry standard earphone jack with a lightning connector.

Woz says that if that is true it “could tick a lot of people off”. Apple need to sustain and increase sales not alienate customers.

This and other Apple news is at:

<http://fortune.com/2016/08/27/apple-a-day-3/>

Apparently, Apple and Samsung are the only companies actually making profits from making and selling smartphones.

The others either break even or lose money which explains why after buying out Nokia, Microsoft are pulling out of the market.

It looks like Woz thinks that Apple might be scoring an own goal and giving advantage to Samsung if they “tick off” a lot of customers.

## First Apple Computer sells for US\$815,000

<http://www.bbc.com/news/technology-37199000>

Not much to look at, this prototype is valued for its history, the two Steve’s made this themselves.



## Techserve's Mac Museum sells for just US\$47,000

<http://money.cnn.com/2016/08/22/technology/tekserve-apple-auction/>

The video interview with the builder of the collection of 35 Apples showcases what went under the hammer as he explains why he had to sell.

## NASA Mission to Mars

<http://www.nasa.gov/content/nasas-journey-to-mars>

Mars is our next door neighbour planet that has captured the imagination of people for thousands of years. Many stories and movies have speculated about the alien inhabitants, some have waged war on Earth, been little green men or much like us but with special powers like “My Favourite Martian”.

NASA is developing the capabilities needed to send humans to an asteroid by 2025 and Mars in the 2030s – goals outlined in the bipartisan NASA Authorization Act of 2010 and in the U.S. National Space Policy, also issued in 2010.

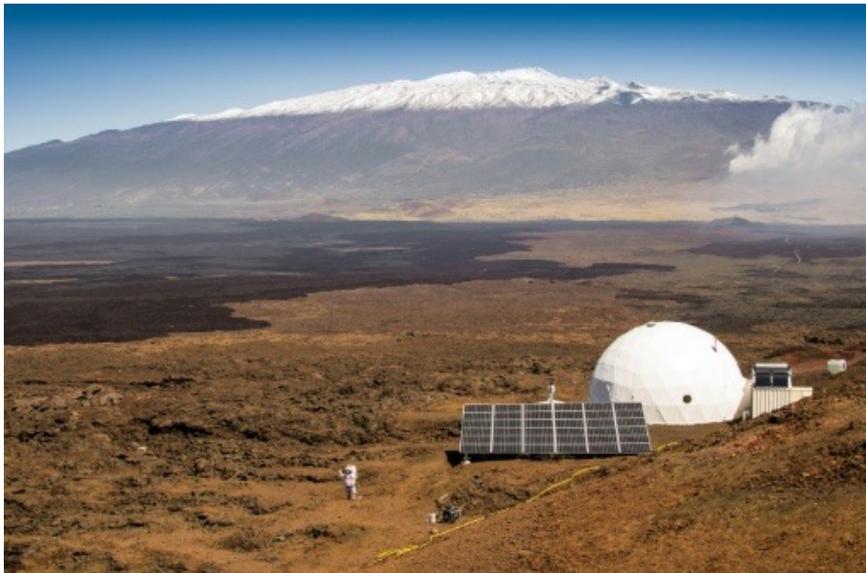
Many projects are being undertaken to reach this goal, one is to build the vehicles capable of the journey, on August 18, there was a successful development test of the new SLS engine.

<http://www.nasa.gov/image-feature/nasa-continues-progress-on-the-journey-to-mars-with-latest-rs-25-rocket-engine-test>

Also in August came the completion of a 12 month experiment to test how Humans would cope with the journey and then living on Mars.

This will help keep the crew healthy and further develop life support systems such as are now used on the International Space Station.

The six people were from a number of nations as the Mission to Mars is an international quest coordinated by NASA. As the pic shows, they were allowed outside the dome but only when wearing Space Suits.



The HI-SEAS (Hawaii Space Exploration Analog and Simulation) habitat on the northern slope of Mauna Loa in Hawaii where six people lived in isolation for a year in a NASA experiment to prepare for a journey to Mars.

<<http://phys.org/news/2016-08-scientists-exit-hawaii-dome-yearlong.html>>  
More info, pics and video <<http://www.bbc.com/news/world-us-canada-37211051>>  
(One pic shows that they had a TARDIS in there.)

## Amazing Atom themed building complex...

Apples new Campus 2 complex is unique and so is this one at Pyongyang in North Korea.



(Picture is distorted, others show that the tall building is upright not leaning.)

Even more surprising is that this city, the nations capital is a showpiece of modern architecture as can be seen at this link:

<<http://www.skyscrapercity.com/showthread.php?p=129374805>>

**SAUCery is the monthly newsletter of  
South Australian Apple User Club Inc.**

[saucsecretary@gmail.com](mailto:saucsecretary@gmail.com) – <http://www.saauc.org.au> – <https://www.facebook.com/saauc>

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