Meeting Timetable
Mitchelton Library Helios Parade Mitchelton

9:30am	Q&A	John Tacey
11pm	Passkey / Authenticator App. Email what's happening	Keith
	Lunch -- GM - Report to the Club	Keith
1:00pm	Linux Ubuntu Mate Workshop	Keith All

If you have a question that may need a bit of a look up, let me know before the meeting

Presentation can be done using Power Point and shared screens.

October 2024

SIGNIFICANT BITS

CLUB NOTICES

CLUB INFORMATION LINES

Info Line (07) 3353 3121

The Members' Web Page

Meeting Days

15 December 2024

19 January 2025

16 February 2025

16 March 2025

20 April 2025

18 May 2025

15 June 2025

20 July 2025

17 August 2025

21 September 2025

19 October 2025

16 November 2025

21 December 2025

Magazine

From the *President's CPU* Keith Catts — President

Hi All,

Merry Christmas to all.

Hi Christmas is just around the corner. Out last meeting for the year is on the 15th and we will have our usual nibbles and Christmas cake and will again have some Red Rooster chicken.

Where will AI take us next year Judging from this year it would appear that there will be no ceiling as we now see all apps emphasising they are AI powered but what is it doing?

Don't forget to renew for next year at the $10.00 fee and do it by Direct Funds Transfer, please.

The newsletter this year will no have APCUG articles (giving the Editor a rest).

We are due to renew the APCUG membership so considering the value, do you read them are they of interest? Let me know at the Meeting.

Happy New Year to you and your Families and keep Safe,

All for now

See you at the meeting

Keith

PLEASE PAY YOUR MEMBERSHIP RENEWAL VIA DIRECT FUNDS TRANSFER

Brisbug PC User Group Inc

BSB No: 034-083
Account No: 185711

Remember to enter your name and membership number in the comment field

Reports

Presentation and Education

Presentation:

Morning 11am. Passkey / Authenticator App. Email what's happening.

After Afternoon 1pm: Linux Ubuntu Mate workshop

Membership Report - Gary Woodforth

We had 10 members at the September meeting.

Treasurer's Report

November 2024

Opening Balance at 01/11/24	**2123.42**
Income	
Bank Interest	0.01
Renewal of Membership **Total**	20.00
Income	**20.01**
Expenses	
Canteen supplies tea and coffee	18.15
Total Expenses	**18.15**
Month's gain	**1.86**
Balance at 30/11/24	**2125.28**

Ross Skyring

Treasurer

John's Jots

Q&A - November meeting

Infotainment Dongle

There is a device being advertised on TV which is loosely described as a Dongle.

The term Dongle goes a long way back to when expensive software used a locking device to prevent pirating of the program.

It plugged into either the Parallel (Prn) Port or a Serial Port (Com 1 or 2) and if it was not present the program would not work, in some instances it would not even load or start.

Today a Dongle plugs into a USB Port and needs to be described for its the use:- USB Modem, Bluetooth, WiFi, Keyboard and or Mouse, Software Lock, etc.

The device advertised is a Wireless Adapter for Android Auto and Apple CarPlay.

This plugs into the infotainment system USB Port and the devices connect to it via a wireless link.

Now the Phone screen is mirrored on the vehicle screen.

Apple CarPlay and Android Auto have been available for some time, but wireless connectivity has only recently become standard in new car models. This leaves many still relatively new vehicles outdated. Wireless adapters solve this problem, providing cordless connectivity and reducing in-car clutter.

The Best Wireless Adapters for CarPlay and Android Auto for 2024

 https://au.pcmag.com/mobile-phone-accessories/95495/the-best-wireless-adapters-for-carplay-and-android-auto-in-2022

Mitsubishi   Provide on the web:-

Smartphone Link Display Audio (SDA)K6 technology is a true extension of your smartphone via Android Auto™K11 or Apple CarPlayK12. Connected to your vehicle's display you can access your phone's compatible Apps and get directions, make calls, send and receive messages and listen to music all while your eyes stay focused on the road ahead. Seamlessly integrated, SDA provides you with a safer and more engaging driving experience through Android AutoK11 or Apple CarPlayK12.

Smartphone Link Display Audio Quick Reference Guides

https://r.search.yahoo.com/_ylt=AwrjbXc_ej1nlucRaw Q36At.;_ylu=Y29sbwNncTEEcG9zAzMEdnRpZAM Ec2VjA3Ny/RV=2/RE=1732111040/RO=10/RU=http s%3a%2f%2fwww.mitsubishi-

motors.com.au%2fcontent%2fdam%2fmmal%2fpdfs% 2fsda%2fSDA_Quick_Reference_Guides.pdf/RK=2/R S=SsktBy2T7INcU4Zc4T0tjQW.XW0-

The Best Wireless Apple CarPlay/Android Auto Adapters for 2024

https://www.roadandtrack.com/gear/g60010118/best-wireless-carplay-adapters/

Linux Mint - UFD

This, as far as I can determine, stands for USB Flash Drive

HDD/SSD Backup and Imaging

Data files can be backed up either by copying them to another device, external HDD, SSD, Flash Drive, Cloud Storage (e.g. One Drive), NAS, etc. manually or with software e.g. Karen's Replicator or using a backup program (e.g. Macrium Reflect) to produce an image file containing the data.

To backup the Operating System or the whole disk it is necessary to use a backup program to create an image file.

What's the Diff: Full, Incremental, Differential, and Synthetic Full Backups

By Kari Rivas March 7, 2022

https://www.backblaze.com/blog/whats-the-diff-full-incremental-differential-and-synthetic-full-backups/

How to Create a System Image in Windows 11 and Windows 10 - 2021 Edition

By Andre Da Costa

For many years, Windows has included backup solutions that lets you capture a complete replica of your Windows installation. This means, the operating system, applications and files are backed up at a certain point in time, which you can restore to a new external hard disk in case of failure.

https://answers.microsoft.com/en-us/windows/forum/all/how-to-create-a-system-image-in-windows-11-and/036110b8-66bb-4cc7-b9e2-2d66df27d236

MBB Modem

USB MBB Modem which is like a long Flash Drive which plugs into a USB Port on a PC or a USB Power Adapter.

In the case of the PC the connection is direct via the USB Port.

With the Power Adapter arrangement the PC connection is with WiFi.

Note: This record of the Q&A session topics relies on my biological volatile memory (a.k.a. the 'forgettory').

Gleanings from e-newsletters and other sources.

Reviews

The Best Wireless Adapters for CarPlay and Android Auto for 2024

By Eric Griffith Jul 12, 2024

If your car integrates CarPlay or Android Auto but you hate plugging in your phone while you drive, these dongles may do the trick.

https://au.pcmag.com/mobile-phone-accessories/95495/the-best-wireless-adapters-for-carplay-and-android-auto-in-2022

Why You Need a Password Manager, and How to Choose the Right One

By Kim Key Nov 19, 2024

No one can remember every unique, strong password or passkey that you need to navigate life online safely. Here's how a password manager can help.

https://au.pcmag.com/password-managers/91434/why-you-need-a-password-manager-and-how-to-choose-the-right-one

The Best Free Password Managers for 2024

By Kim Key Mar 28, 2024

Use one of the top free password managers we've tested to help you create and manage strong, unique passwords for every secure site.

https://au.pcmag.com/password-managers/27971/the-best-free-password-managers

Readers' Choice 2024: The PC Security and Online Privacy Brands You Trust Most

By Eric Griffith Nov 27, 2024

After polling thousands of PCMag readers about their antivirus, security, and VPN software, these are the services they recommend (and the ones they don't).

https://au.pcmag.com/vpn/108486/readers-choice-2024-the-pc-security-and-online-privacy-brands-you-trust-most

New Releases

Avast Free Antivirus

License: Freeware

File name: Avast_Free_Antivirus_v24.5.965.0 (Web Installer)

File Size: 0.25 MB O/S: Windows

Publisher: Avast Software s.r.o.

URL: https://www.avast.com/antivirus

Essential PIM 12.1.0

License: Free

File name: Essential PIM.exe

File Size: 68.96 MB O/S: Windows

Publisher: URL: https://www.essentialpim.com/pc-version

Glary Utilities 6

License: Freeware

Release Date:

File Name: Glary_Utilities_v 6.18.0.22.exe

File Size: 26.48 MB Platform: Windows   8,   7, 2000, XP, Vista.

Publisher: Glarysoft Ltd

Languages: 44 Languages [Help Translate]

URL: http://www.glaryutilities.com/

Release Notes:

Optimized Disk Cleaner: added support for 'Corel VideoStudio Pro x9' and 'SketchUp Make 2014'

Optimized Tracks Eraser: added support for 'Corel VideoStudio Pro x9' and 'SketchUp Make 2014'

Optimized Software Update: optimized the version comparison algorithm, and increase the comparison speed by 30%

Optimized Empty Folders Finder: add folder delete validation to prevent accidentally deletion of non-empty folder

Minor GUI improvements

Minor bug fixes

Glary Utilities is a freeware with registry and disk cleaning, privacy protection, performance accelerator and amazing multifunctional tools. It can fix dogged registry errors, wipe off clutters, optimise Internet speed, safeguard confidential files and maintain maximum performance.

It is designed for both novice and professionals. User-friendly interface shows clear & detailed directions. For novice, all work can be done with just 1 or 2 clicks, while for professionals, abundant options are available.

Key features:

Optimise, clean and boost the speed of your Windows.

Protect your privacy and security.

Block spyware, trojans, adware, etc.

Fix certain application errors.

Simple, fast and user friendly interface.

For private use only.

URL: http://www.glaryutilities.com/

Google Chrome (32bit) 131.0.6778.86

License: Freeware

File name: ChromeSetup.exe File Size: 108.91 MB

O/S: Windows

Publisher: Google

URL: https://www.google.com/chrome/

Keepass

License: Freeware

File name: Keepass-2.57.1-Setup.exe   File Size: 4.32 MB

O/S: Linux, Windows

Publisher: Dominik Reichl

URL: https://keepass.info/

LibreOffice

License: Freeware

File name: LibreOffice_ 24.8.3_Win_x86.msi

File Size: 329.95 MB   O/S: Windows

Publisher: The Document Foundation

Comments: Contains the functions:-

Writer

PDF

Presentation

Spreadsheet

URL:

https://mirror.freedif.org/TDF/libreoffice/stable/6.2.0/win/x86/LibreOffice_6.2.0_Win_x86.msi

Mozilla Firefox

License: Freeware

File name: Mozilla_Firefox_(32bit)_v133.0.exe Update

File Size: 62.09 MB

O/S: Windows 7 to 10

Publisher: Mozilla Corporation

Comments:-

To force a manual update:-

Menu Button > ? Button > 'About Firefox'

URL: https://www.mozilla.org/en-US/firefox/new/

Mozilla Thunderbird   133.0 60.73 MB

License: Freeware

File name: Thunderbird Setup 128.3.3GB).exe

File Size: 62.60 MB   O/S: Windows XP SP2 to 10

Publisher: Mozilla Corporation

URL: http://www.mozilla.org/en-GB/thunderbird/

NotePad++ (32bit)

License: Freeware

File name: NotePad_v8.7.2.exe

File Size: 6.19 MB

O/S: Windows

Publisher: Notepad++

URL: https://notepad-plus-plus.org/

PDFCreator

License: Freeware

File name: PDFCreator_v5.3.2.exe File Size: 43.10 MB

O/S: Windows

Publisher: pdfforge

URL: https://www.pdfforge.org/

XnView

License: Freeware

File name: XnView_v 2.52.0.exe

File Size: 5.99MB

O/S: Windows XP SP3 to the last version of Windows 10.

Publisher: XnView.com

URL: http://www.xnview.com/

Want more? See the New Releases list:

http://ct.com.com/

Want more? See the New Releases list:

http://ct.com.com/

Tips etc.

How to Save the Most Money on Printer Ink

By M. David Stone Jul 27, 2024

Whether you print a lot or a little, it pays to explore bulk-ink and subscription programs like HP Instant Ink. We walk you through the options and compare them side by side.

https://au.pcmag.com/printers/50862/how-to-save-money-with-hp-instant-ink-and-other-low-cost-printer-ink-programs

Google Uses AI to Discover 20-Year-Old Software Bug

By Michael Kan Nov 21, 2024

AI unearths 26 new vulnerabilities in open-source software projects, including a bug in OpenSSL.

https://au.pcmag.com/security/108382/google-uses-ai-to-discover-20-year-old-software-bug

Ditch These Dangerous D-Link VPN Routers Now—There's a Security Flaw

By Kate Irwin November 21, 2024

D-Link won't be issuing a fix for the six impacted models, but is offering 20% off the price of a new router without the issue.

https://au.pcmag.com/vpn/108390/ditch-these-dangerous-d-link-vpn-routers-now-theres-a-security-flaw

X Continues War on Advertisers by Adding Twitch to Boycott Lawsuit

By Joe Hindy Nov 21, 2024

Alongside other major companies, Twitch largely stopped advertising on X in 2022 amid concerns about offensive content. X and Elon Musk say that's a violation US antitrust laws.

https://au.pcmag.com/social-media/108385/x-continues-war-on-advertisers-by-adding-twitch-to-boycott-lawsuit

Microsoft Defender Is Not Enough Anymore—This Malware Gets Around It

By Kate Irwin Nov 23, 2024

Malware hidden inside a fake NFT game ignores two-factor authentication and gains access to a victim's Google account via a malicious Chrome Extension to steal your money.

https://au.pcmag.com/security/108414/microsoft-defender-is-not-enough-anymore-this-malware-gets-around-it

1Password Chief Wouldn't Mind Apple, Google Getting Pushy About Passkeys

By Rob Pegoraro Nov 22, 2024

With less than a third of 1Password users saving passkeys, co-CEO Jeff Shiner says bigger rivals could use their 'megaphone' to get the word out and 'influence billions.'

https://au.pcmag.com/password-managers/108403/1password-chief-wouldnt-mind-apple-google-getting-pushy-about-passkeys

Microsoft Pushes Copilot+ PCs on Windows 10 Users With Pop-Up Ads

By Kate Irwin Nov 22, 2024

Microsoft doesn't think it's enough to just switch to Windows 11 anymore—it wants you to get a whole new computer.

https://au.pcmag.com/migrated-15175-windows-10/108395/microsoft-pushes-copilot-pcs-on-windows-10-users-with-pop-up-ads

DOJ Wants to Force Google to Sell Chrome, License Search Data to Rivals

By Rob Pegoraro Nov 22, 2024

A proposal from the Justice Department and a group of state attorneys general would also ban search-default deals and could lead to a forced divestiture of Android.

https://au.pcmag.com/browsers/108401/doj-wants-to-force-google-to-sell-chrome-license-search-data-to-rivals

Hackers Weaponize Old Avast Driver to Install Windows Malware

By Kate Irwin Nov 26, 2024

Researchers find a type of malware that uses kernel-level permissions to take over a PC.

https://au.pcmag.com/security/108462/hackers-weaponize-old-avast-driver-to-install-windows-malware

Musk All But Admits X Throttles Posts With Links

By Jibin Joseph Nov 26, 2024

Elon doesn't like lazy linking. Instead, he prefers long-form posts that keep users on his social network.

https://au.pcmag.com/social-media/108474/musk-all-but-admits-x-throttles-posts-with-links

Chinese Man Uses 'SMS Blaster' to Send 1 Million Scam Text Messages From Van

By Michael Kan Nov 26, 2024

The 35-year-old allegedly drove around Bangkok earlier this month blasting out text messages to nearby phones in the hopes that recipients would click on malicious links.

https://au.pcmag.com/security/108463/chinese-man-uses-sms-blaster-to-send-1-million-scam-text-messages-from-van

Ransomware Attack at Software Supplier Ensnares Starbucks, Grocery Chain

By Michael Kan Nov 26, 2024

Starbucks is tracking employee's work hours manually after a hack at Blue Yonder.

https://au.pcmag.com/security/108472/ransomware-attack-at-software-supplier-ensnares-starbucks-grocery-chain

'Bootkitty' Malware Can Infect a Linux Machine's Boot Process

By Michael Kan Nov 28, 2024

This appears to be the first UEFI bootkit that goes beyond Windows and targets Linux machines, according to ESET security researchers.

https://au.pcmag.com/security/108516/bootkitty-malware-can-infect-a-linux-machines-boot-process

'Hotpatch' Updates for Windows 11 Enterprise PCs Cut Down on Reboots

By Joe Hindy Nov 22, 2024

The hotpatches only apply security updates, potentially trimming the number of required restarts from 12 to four per year.

https://au.pcmag.com/security/108410/hotpatch-updates-for-windows-11-enterprise-pcs-cut-down-on-reboots

Artists Leak OpenAI's Sora Video Generator in 'PR Puppet' Protest

By Emily Dreibelbis Forlini Nov 27, 2024

A group of creatives claim the company is exploiting them for advertising and beta testing while having no real interest in art. OpenAI says participation in the early access program is 'voluntary.'

https://au.pcmag.com/ai/108497/artists-leak-openais-sora-video-generator-in-pr-puppet-protest

FCC Clears SpaceX's Cellular Starlink For Commercial Operations

By Michael Kan Nov 27, 2024

The US regulator is also allowing SpaceX to orbit some of the company's Starlink satellites closer to Earth, which should reduce latency.

https://au.pcmag.com/networking/108498/fcc-clears-spacexs-cellular-starlink-for-commercial-operations

Microsoft Pushes Copilot+ PCs on Windows 10 Users With Pop-Up Ads

By Kate Irwin Nov 22, 2024

Microsoft doesn't think it's enough to just switch to Windows 11 anymore—it wants you to get a whole new computer.

https://au.pcmag.com/migrated-15175-windows-10/108395/microsoft-pushes-copilot-pcs-on-windows-10-users-with-pop-up-ads

Neuralink Preps Brain Chip That Can Control Robotic Arms

By Michael Kan Nov 26, 2024

A new trial will expand the N1 brain implant's functionality from PCs to a robotic arms.

https://au.pcmag.com/health-fitness/108471/neuralink-preps-brain-chip-that-can-control-robotic-arms

'Mini Moon' Prepares to Leave Earth Until 2055

By Adrianna Nine November 26, 2024

After a two-month visit, 2024 PT5 is ready to continue its cosmic journey—but it will be back in a few decades.

https://www.extremetech.com/science/mini-moon-prepares-to-leave-earth-until-2055?utm_source=email&utm_campaign=whatsnewnow&zdee=gAAAAABjNL8ST42l80nl07cPB3qfRUi6ntgUgOTESELeSDlZFhs8z4qnmoLs_AknqwLVhZpQWW_ldjjcVkNAoSBZ5eIt2gM0-Tu64aKwciwXzXGx5QU6ZfE%3D&lctg=24359534815

Russian Hackers Sign Into US Wi-Fi Network by Hijacking Nearby Devices

By Michael Kan Nov 23, 2024

With a so-called 'Nearest Neighbor Attack,' Russian hackers compromise insecure networks within range of Wi-Fi networks at more valuable targets without ever leaving Russian soil.

https://au.pcmag.com/security/108424/russian-hackers-sign-into-us-wi-fi-network-by-hijacking-nearby-devices

Here Endeth John's Jots

APCUG ARTICLES

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None this month

Seasons Greetings

From the team at Wivenhoe Village