



Southern Districts Computer Users Club Inc.

Supporting inexperienced users with local expertise

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SDCUCI NEWS

Contacts: Web Site: — <http://sdcuci.com>
E-mail: — sdcucinc@gmail.com

Newsletter Editor: David Porteous — daibhidhp@aussiebb.com.au

Meetings are held monthly on the third Wednesday at 7.30 pm, in the hall at the rear of St Mary's Catholic Church on the Corner of Bains and Main South Roads, Morphett Vale

Cost \$3.00 per person per meeting. This includes a copy of our Newsletter, plus coffee/tea and biscuits

Visitors are most welcome

After 3 visits, you are requested to become members

Annual Subscription:
Single — \$20.00
Family — \$30.00

Both Novice and Experienced computer users will be most warmly welcomed



The Brownpaddock Chatter



To everyone who has supported our Club through our many activities and events, we sincerely hope you'll join us in 2020 for more exciting events that are already well into the planning stage.

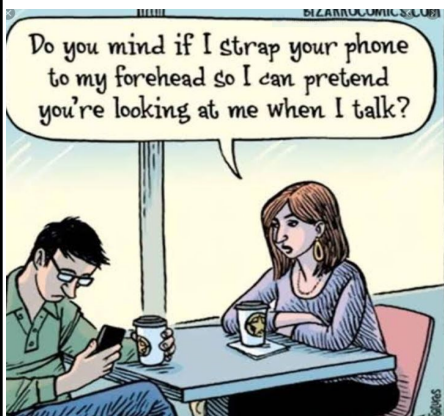
Since becoming President in October this year, I have appreciated your support and fellowship.

On behalf of the Committee, I wish you all a very

Merry Christmas

and a stress free computer year for 2020

We look forward to seeing you at our Club in 2020.



My Christmas Message

“Let your family and friends be more important than your Phone”.

Jim Greenfield



Our Next Members' Meeting

January will be our next meeting when we will hear all about “Drones”. They are great fun but can cause a lot of damage in the hands of an inexperienced user.



Disclaimer: The information contained herein is of a general nature. Always do your own research and seek advice before proceeding on information you don't understand.


OneNote 2016 Support Extended

The life of OneNote 2016 was due to close in October 2020, but the feedback received by Microsoft has caused the big “M” to extend the support for OneNote 2016 .

In their recent Blog, Microsoft stated: *“We hear you loud and clear — you want to keep your notes your way! With that in mind, we’re pleased to announce that we are continuing mainstream support for OneNote 2016 beyond October 2020, so that you can continue using the version of OneNote that works best for you. New support dates for OneNote 2016 now align with Office 2019 (October 10, 2023 for mainstream support and October 14, 2025 for extended support). We also want to make deployment and installation easier for organizations and individuals, so for Windows users, starting in March 2020, when you deploy or install Office 365 subscriptions that include the Office desktop apps or Office 2019, the OneNote desktop app will be installed by default alongside Word, Excel, and PowerPoint”.*

To download OneNote 2016

If you wish to install OneNote 2016, you can download it from <https://support.office.com/en-us/article/onenote-2016-is-missing-after-installing-office-365-or-office-2019-1844ba87-7248-4bd8-a735-66a52f98e6e5?ui=en-US&rs=en-001&ad=US>

Dark Mode is rolling out for OneNote 2016. In Dark Mode, one’s reading ability in the dark or low light improves due to better contrast and reduced eye strain. It will be available for both 32-bit and 64-bit systems for Office 365 subscribers and non-volume licensing Office 2019 customers. 

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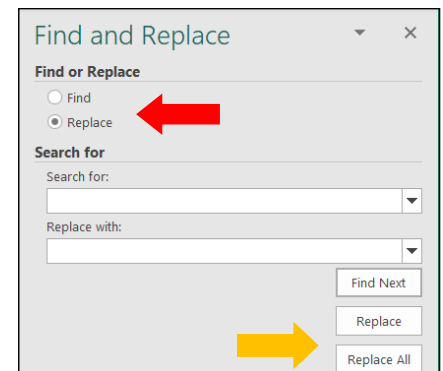
How to Fix Degree Symbol in Word Errors

How often have you come across text, mostly from the Internet, that looks something like that below covered in little “Degree symbols shown in red?”

We·enjoy·the·privilege·of·serving·millions·of·customers·like·you,·who·each·
have·unique·needs·and·who·use·OneNote·in·unique·ways.·Over·the·past·year,·
we’ve·been·listening·to·your·passionate·feedback·and·are·humbled·by·your·consistent·
love·for·OneNote.·We·hear·you·loud·and·clear—·you·want·to·keep·your·notes·your·way!·

Whilst these little degree symbols do not appear in a printed version of the document (Word or Publisher), they look terrible if you need to forward the document on to a third party. It is only a small problem and can be easily fixed.

First, copy one of the degree symbols, then click on “Replace” in the “Home” tab. A call out box (right) will appear. It might not look quite like that on the right but will have the same functions. Click on “Replace” (arrowed in red, right), Paste the copied degree mark into the “Search for” box (nothing will be visible, but don’t worry), then tab down to the “Replace with” box and hit the space bar (again, nothing will be visible). Finally, click on the “Replace All” button arrowed in yellow, right. All degree symbols should be gone.



Launch Microsoft Edge with Previous Tabs

Often we close the Edge browser in a rush and forget that there were some critical pages that you should have bookmarked. While you can, it is difficult to get all of them back. There is a way and I will show how you can open the previous tabs that you had open when you last closed Microsoft Edge. It will make sure you start exactly from where you left.

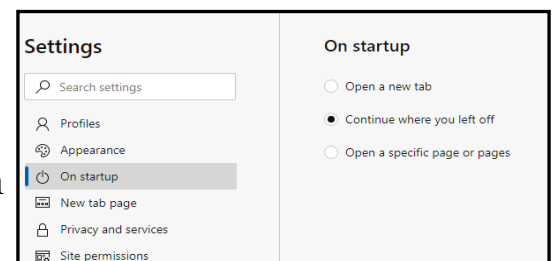
Make Edge Open with Your Previous tabs

1. Open Edge, and click on the three-dots on the top left
2. Then click Settings
3. Switch “On Startup” and select the radio button that says “Continue where you left off”, then Exit.

The next time you launch Edge, it will show all the tabs you had open when you last closed it.

Stop Microsoft Edge from Reopening Previous Tabs

If you wish to revert to Microsoft Edge not opening the previous tabs, go back to Edge Settings and select the *Open a new tab on startup* option.



Cyber Crime

There have been more than 13,500 reports of cybercrime to the ACSC in the past three months. The actual figure is thought to be even larger, because the data is based on victims self-reporting.

The head of the ACSC, Rachel Noble, said the threat is "pretty high," and the perpetrators vary but "there are more spiders than ever on the world wide web".

The most commonly reported cybercrimes involve romance and bank scams.

Compromised e-mails is one of the top issues facing businesses online.

What crimes are being carried out against individuals?

The most common type of cybercrime reported was online fraud, which includes romance and bank scams.

Romance scams involve a criminal building an online relationship with a person over several months then convincing them to transfer money for medical treatment or necessary goods.

Males (at 94 per cent) make up the overwhelming majority of those reporting a financial loss, with the remaining 6 per cent of victims being female.

Bank scams, in this case, refer to a person being sent a text or e-mail that appears to be from their bank, requesting login details to fix a problem. If the person obliges, it allows the cybercriminal access to the account so they can steal money. Identity related offences were the second most common type of cybercrime reported: where a criminal opens a bank account in someone else's name. 'Be cynical'.

Australians are being urged to be more aware of what they do online. Ms Noble said everyone should abide by the simple steps below:

"When your iPad or iPhone sends you a link saying 'would you like to update your software now?', click yes and do it now."

"Also use different passwords in different apps and make sure that those passwords aren't easy to guess."

"Try to be a little bit cynical and a bit suspicious when shopping online or when you purchase offers that actually sound too good to be true."



Why not register
Be Connected
<https://beconnected.esafety.gov.au/>

Microsoft Faces Sanctions Over 'Covert' Data Harvesting

Dutch investigators have put Microsoft on notice over its data collection methods posing a risk to user privacy. ProPlus subscriptions of Office 2016 and Office 365, as well as the web-based Office 365 and OneDrive programs use a telemetry data collection mechanism that breaches the EU's General Data Protection Regulation (GDPR), according to a 91-page report commissioned by the Dutch government.



Microsoft

The report outlined eight high-level data protection risks. The above-mentioned programs include separate software that routinely sends encoded telemetry to the United States, without any visibility over what data is collected. For example, if users access a Connected Service such as the translate service through the Office software, Microsoft can store the personal data about this usage in so-called system-generated event logs.

There is also unlawful storage of sensitive categories of data and metadata as well as keeping data beyond the time needed without informing people. Further, Microsoft does not offer users a choice to turn this off.

Investigators also found Microsoft incorrectly categorised itself as a data processor instead of a joint-controller.

The lack of any comprehensive documentation over what type of personal data the Redmond-based company processes, and on clearly defined purposes, also sounded alarms and, particularly did the fact that data was routinely sent to the US.

Dutch officials are sensitive that government data may have been harvested that wound up on US servers that are subject to seizure or query by US law enforcement.

Watchdogs across Europe are beginning to take their first steps in the new regulatory landscape. Microsoft is the latest in a line of major companies accused of breaching GDPR.

In October 2018, Microsoft agreed to adapt its products for use by the Dutch government in compliance with the GDPR and other applicable legislation and to report regularly on its progress. If progress is deemed by the Dutch government to be insufficient or unsatisfactory, Microsoft faces enforcement measures that include a fine of €20 million, or 4% of their global annual turnover, whichever is the higher.



The Different Types of USB Flash Drive

Different Types of USB Flash Drive Based on Name

What Is a Flash Drive?

A USB flash drive, variously referred to as a thumb drive, jump drive, pen drive and memory stick, is much smaller physically than a typical storage disk. It is a device that can be used to save and read data on a tiny flash memory chip. They all share the ability to be hooked up to any computer thanks to their universal serial bus (USB) port compatibility.

How Does a Flash Drive Work?

Flash Drive Memory may be volatile or non-volatile. Volatile memory is a form of temporary data storage. A computer's hard disk drive takes advantage of volatile memory, writing and reading data using moving parts when the computer is switched on. You can hear a clicking sound when the computer is working. This is the moving parts of the hard disk reading the data. Without power, it would be impossible to access the stored data.

A USB flash drive is a non-volatile device that uses power to save, transfer and put data onto it without any moving parts.. By plugging the flash drive into any computer USB port, the device can start writing, reading, transferring, saving and storing data. The stored data won't disappear unless you remove it manually or something goes wrong with the flash drive.

Difference Between USB 2.0 and USB 3.0 Flash Drives

USB ports are the interface between a flash drive and the computer. There are specific ports, for USB 2.0 flash drives, USB 3.0 flash drives, USB 3.1 and 3.2 drives. The biggest difference is the speed and the price. Price also varies based on the storage capacity, brands and other factors.

USB 3.1 and 3.2 ports — The latest and fastest flash drives in the world of today. They have a write-and-read speed of up to 1250 MB/sec and 2500 MB/sec, respectively.

USB 3.0 flash drives — are much faster than USB 2.0 drives in the same condition, dealing with data at a speed of 625 MB/sec. Due to their speed, USB 3.0 flash drives have become very popular.

USB 2.0 flash drives — can only reach up to 60 MB/sec. Whether you use a “2” or a “3” flash drive, data transfer speed is limited to the lowest of the speed of the port or the drive . Whilst all ports and flash drives are interchangeable, they will only achieve their maximum speed when the flash drive and port match.

Different Types of USB Flash Drive Based on Usage.

1. Security Flash Drive



This is a normal USB storage device, fortified with physical or logical security ways to ensure that the data is not compromised.

(continued on page 7)

(continued from page 6)

The flash drive from Cryptex, has an embedded combination lock before you can access it. The one from IronKey, comes with an internal password protection and encryption for added security. There is usually permission to add or remove write protection to keep the flash drive even more secure.



2. Music Flash Drive

This is a flash drive that can be used to save or transfer music from one device to another. They may vary by fancy designs and different flash drive types, such as this one from Trident. Most are designed to be miniature in size to enhance portability.



3. The Boot Flash Drive

A boot flash drive is a normal USB flash drive enabled to install an operating system. The process of dedicating an external storage device to serve this purpose is called "making bootable". Whenever a computer won't start because of a missing file or the operating system, insert a boot flash drive in to the USB port to fire up the computer. If you don't have one currently, get one as a standby.

Different Types of USB Flash Drive Based on Appearance



1. Credit Card Hard Drive

These flash drives are customized to look like a credit card. Some can even be further tailored to display the name of the owner and a matching fake credit card number.



2. Keychain USB Flash Drive

This type of flash drive has been designed to be carried around like a key chain. This can come in handy for people who are forgetful and frequently lose their flash drives.



3. Wristband Flash Drive

This type of flash drive may not be waterproof, so don't take it into the shower.



4. Branded Flash Drive

If you are a die-hard fan of a particular brand, it may be time to show your love by getting a branded USB stick.



5. "Dummy Head" USB Devices

Here are some of the props you can use to decorate your desk.



Different Types of Flash Drive Based on Storage Capacity

USB flash drives are all manufactured to standard storage sizes. With the exception of the One and Two Terabyte models (which may be slightly larger), The rest all look similar, subject to the manufacturer. Capacity steps from 128 megabytes to 512 gigabytes, plus the one and two terabyte models





Virtual and Augmented Reality

By Trevor Francis

Wednesday 20 November was a hot night outside but very pleasant in the air-conditioned comfort of the hall. On the other hand, the most interesting audio visual presentation by Tim Mathie of Octal Sydac was worth every bit of the effort of getting there.

Tim did a great job of giving us information about Augmented Reality and Virtual reality and explained the difference, best characterized in the slide (right).

Technology VR vs AR		
• VR and AR share a lot of common problems they need to solve		
High Level Challenges	VR	AR
Rendering stereo display of virtual imagery	✓	!
Maintain display high refresh rate	✓	!
Head 3D positional tracking	✓	✓
Interaction method with virtual environment	✓	✓
Display of real environment	!	✓
Identification & tracking of real environment features	✗	✓

It is hard to describe the evening, as it was a highly visual experience. One highlight was that Tim was prepared to remain as late as needed to ensure everyone at the meeting (who wanted to) could experience Virtual Reality.

AR & VR Possible Applications	
Education:	<ul style="list-style-type: none">• Interactive learning environments• Safe group learning environments• Interactive Training
Entertainment:	<ul style="list-style-type: none">• Gaming• Interactive Cinematic Experiences
Communication:	<ul style="list-style-type: none">• Immersive and more detailed communication
Services:	<ul style="list-style-type: none">• Interactive assistant or aid• Direct hands-free access to information, manuals, or documents• Multi systems integration

The main VR presentation centred around an underwater oceanographic experience where one encountered loads of small fish, manta rays and a really, really close encounter with a huge whale. And I mean close. It was literally eyeball to eyeball.

One that Trevor Francis got to experience (bottom right) was being in a lift in a high-rise building and being taken up to about the 45th floor – but as the door of the lift opened, there was no floor to walk out onto — nothing — except a narrow wooden plank about 8 inches across — out into (virtual) space.

Augmented Reality is different in that it is not a “wholly immersed” experience. One can remain in the “real world” so to speak but with the aid of special glasses and other technologies one can visualise other objects around you that,



in fact, are not there at all. It was more of a sort of holographic technique (above).

The best example of that was to be in your lounge room through a camera and invoke (say) an Ikea “App” that allows you to pick virtual furniture from their store and “see” how it fits, is arranged, and how the colour scheme works — all without leaving your lounge room chair.




How to Perform a Clean Boot of Your Computer

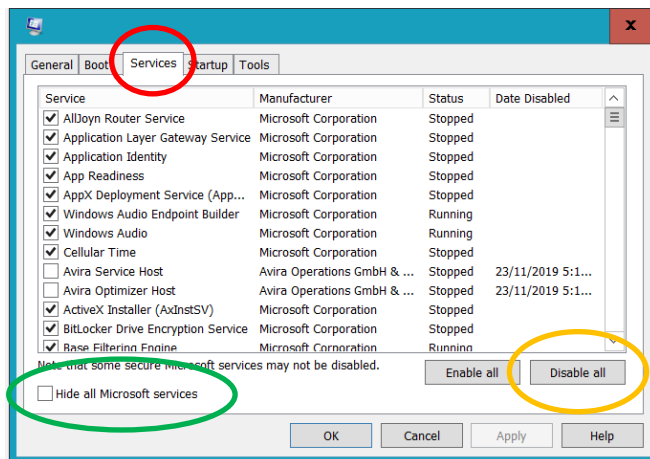
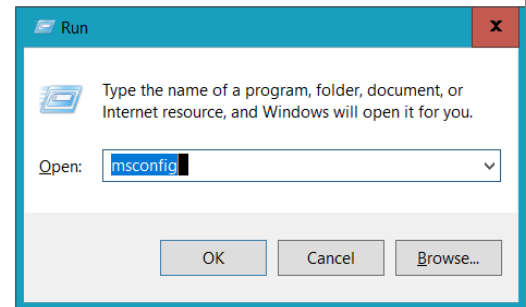
Maybe you have been instructed to perform a “Clean Boot” in order to cure a particular fault on your computer or maybe you just think it might be a good idea of your own volition to sort out some problem.

But do you know how to perform a Clean Boot of your computer? For that matter, do you know what Clean Boot actually is?

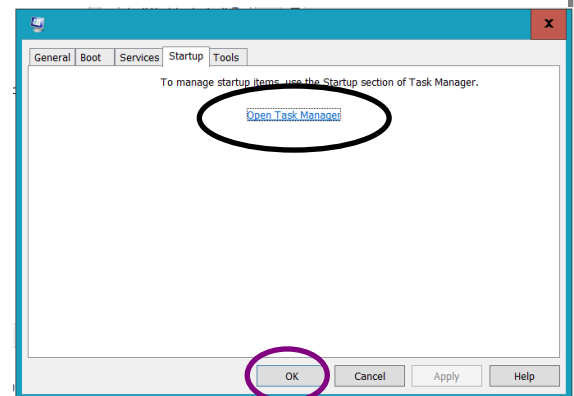
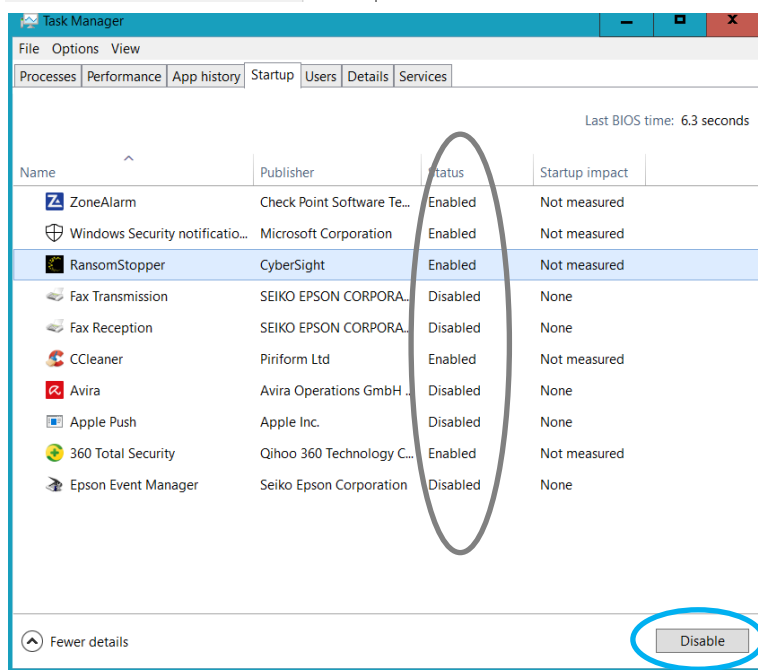
In a nutshell, it is re-booting a computer by temporarily disabling all the third party applications that you have installed over the years and all the non-essential Microsoft services.

Here's how to do it.

1. Click both the Windows key  and the “R” key together to activate the “Run” Command (right).
2. Key in the command “msconfig” and click “OK”.



3. Click on the “Services Tab” (circled in red in the diagram to the left) then click on “Hide all Microsoft services” tick box (circled in green).
4. Next click on the “disable all” button (circled in yellow).
5. Now, click the “Startup Tab” and select “Open Task Manager” (circled in black, below).



6. On the “Startup Tab” of the Task Manager, click on every item that is **not already** “disabled” and for each such item, click “Disable” (circled in blue left).
7. Close the task manager by clicking on the “X” in the top right corner.
8. On the “Startup Tab” of the System Configuration dialog box, click “OK” (circled in purple above right).
9. Re-start the computer. You have just performed a “Clean Boot”.





It's that time of the year again, when good old Santa harnesses up his reindeer and pays us a visit.

It is usual at this time of year to send all our friends and relatives greetings by way of Christmas cards. If you have a look at the SDCUCI NEWS for November 2018, I explained how to make your

own Christmas cards. If you did not try it out then, have you tried it out this year? It is really quite simple and saves a heck of a lot of that hard earned money. If you have not already made them for this year, it is probably a bit late, but make a note to yourself for next year.

Our November Members' meeting was most interesting. Tim Mathie (see page 8) most ably explained the differences between Virtual and Augmented Reality.

After the meeting closed most had a go, wearing special equipment, to experience this phenomenon for themselves, in the process meeting a huge whale.

Well done to our Secretary, Trevor Francis, for managing to finally get Tim to come along and share his amazing talents. Tim had to cancel last month due to work commitments interstate. He was most generous with his time and stayed to the bitter end of the meeting. Many thanks, Tim.



Jest a Minute



~ January Topic ~
DRONE APPLICATIONS
TREVOR FRANCIS

— *For Your Notes* —

MEETING RULES

We are allowed to use the facilities at the Hall at the rear of St Mary's Catholic Church, on the corner of Bains and Main South Roads, Morphet Vale in return for a small fee plus respect for their property. We ask for your co-operation in respect to the above.

Whilst we have no control over what our members do away from our Club meetings, piracy of copyright material cannot be condoned at our meetings. Please respect copyright laws at all times.



IT & COMPUTERS

Shop 6, 76 Beach Road
Christies Beach 8186 2736

(Same block as Woolies on Beach Road)

Contact: Jamle or Ash

For all your computing needs
available locally

Need help with your computer?
Looking to purchase a new one?
Need additional peripherals?
Home site visits available !

**Looking for excellent customer
and after sales service?**

New Computers

Repairs

Virus removal

New software & Upgrades

Peripheral units:

Wireless Keyboard Mouse

Sound Boards & Systems

External & Internal Hard Drives



**Tell IT & Computers
you are from
S.D.C.U.C.I.**

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customer service
offered by
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