



# Bits 'N' Bytes

**March 2019**  
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## The Official Magazine of the Sunshine Coast Computer Club Inc.

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## Monthly Meeting – 2.55pm Thursday 7 March 2019 at Buderim

<b>Technology</b> <b>Education</b> <b>Centres</b>	<ul style="list-style-type: none"> <li>● Get hands on help with all your technology problems.</li> <li>● Tutorials are presented during each session.</li> <li>● Internet access is available.</li> </ul> <p><b>Windows, Linux and Apple Mac operating systems are supported.</b></p>
<b>Caloundra</b>	<b>Every Saturday between 9.00am and 12.10pm</b> Caloundra Community Hall, 87 Queen Street Caloundra, (opposite Caloundra State High School).
<b>Buderim</b>	<b>Every Thursday between 1pm to 4pm</b> Good Life Centre, 100 Buderim Pines Drive, Buderim.
<p><b>Notice about SCCC Monthly General Meetings</b></p> <p>The SCCC Monthly Meetings alternate between the Caloundra and Buderim venues. At Caloundra the meeting is held on the first Saturday of alternate months. At Buderim the meeting is held on the first Thursday of alternate months.</p> <p><b>The next monthly Meeting will be at Buderim 7 March 2019</b></p>	

## From The Editor – Judy Smith

Bits'N'Bytes is produced monthly from February to December each year.

**Contributions** for the newsletter are always welcome. Please send copy for the next issue to reach the editor as early as possible after the monthly meeting or by the deadline: 18 March 2019

Email: [editor@sccc.org.au](mailto:editor@sccc.org.au) or Snail Mail: The Editor  
PO Box 384, Caloundra, Qld 4551.

**This magazine is created with OpenOffice and produced in printed form and also electronically in PDF format.**

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**Liability** - Although articles in this newsletter are checked for content, no warranty can be given for any loss resulting from the use of material in the newsletter. Articles and advertisements are printed in good faith and views and opinions are not necessarily those held by the club.

**SCCC Privacy Statement** - In joining the Sunshine Coast Computer Club please note that it is a club operated by volunteer members and operating within the community involving many activities relating to meetings, instructional and social functions for members and at times visitors.

This requires the keeping of a member data base and the publication of the names of new members. The Club guards the member data base as best as possible and does not publish member's addresses nor telephone numbers unless authorised.

At times photographs are taken at meetings and functions and are sometimes published. Should you have any problems relating to your personal privacy which arises or is likely to arise, it is your duty and responsibility to advise the Club secretary in writing of the circumstances and requirements.

**What's on Bulletin** - What's On Bulletins are sent once a week, generally on a Monday afternoon, to all members who have provided the Club with their email address. These bulletins give details of up-coming tutorials and topics to be covered at the various meeting venues. You will also find items of interest and club announcements in these bulletins.

### Membership Cards



Membership cards for members who have joined or renewed their membership are posted after 20<sup>th</sup> of each month to the member's address recorded on the Club Data Base.

Members who joined or renewed their membership between 21<sup>st</sup> January 2019 and 20<sup>th</sup> February 2019 were posted new membership cards on 23<sup>rd</sup> February 2019 to the address recorded on the Club Data Base.

**Note** - Membership cards show the next renewal date of membership.



The SCCC Inc. education centre internet networks are provided as a club service. Downloading of any material that may be in violation of copyright, movies, music or books etc or pornography is not allowed under the club terms of use of this service.

You as a member sign an agreement with the club that you understand this when you sign in at each meeting.

A notice to this effect is placed at the top of the sign-in sheet.



**The next SCCC Monthly Meeting  
will be held at Buderim  
Thursday 7 March 2019**

**Monthly Reports**

**Treasurer's Report**

**Profit and Loss**  
**21 January 2019 – 20 February 2019**

<b>Income</b>	
Fundraising	505.00
Interest Received	90.40
Meetings	1,632.00
Membership Fees	2,848.00
<b>Total Income</b>	<b>5,075.40</b>
<b>Expenses</b>	
Administration	600.00
Christmas Party Expenses	646.20
Fundraising Expenses	329.00
Hall Hire	883.30
Internet Service Provider	422.00
Phone	171.65
Postage	142.07
Printing and Stationery	123.15
Refreshments	279.40
Website Expenses	99.75
<b>Total Expenses</b>	<b>3,696.52</b>
<b>Net Income</b>	<b>1,378.88</b>

**Heather Atkinson**  
**Treasurer**



**Minutes of the Monthly General Meeting  
of the Sunshine Coast Computer Club Inc.  
Held at Community Hall Caloundra  
Saturday 02 February 2019**

**Meeting Opened:** – Peter Daley opened the meeting at 10.50 hrs

**Minutes Of Previous Meeting:**  
The February 2019 Bits'N'Bytes did not have space for the last Monthly Meeting of the Club to be published due to the 2018 AGM Minutes and Auditors Reports being published. Minutes of the December 2018 Monthly Meeting were shown on the screen.

Moved by Rod Dinte and seconded by Ron Wright that the minutes be approved.

**CARRIED**

**Treasurer's Report:**  
The Treasurers Report for the period 21 December 2018 to 21 January 2019 were not published in February 2019 Bits'N'Bytes as there was no space due to the 2018 AGM Minutes and Auditors Reports to be published but was shown on the screen.

Ron Wright proposed that the Treasurer's Report be accepted and this was Seconded by Cliff Stenbridge.

**CARRIED**

**General Business:**  
There was no general business to be discussed.

**New Members:**  
Carolyn Forgac, Frank Jackson, Julie Northridge, Julia Richardson, Ina and Graham Bailey and David Friend.

Donna Neck joined with a Corporate membership for Life Counselling Solutions.

Donald Wallace re joined after a lapse of membership.

Meeting closed at 11.00 hrs.

**Jean Lear**  
**Minute Taker**



## Minutes of Annual General Meeting 2019

### Minutes of the Annual General Meeting of the Sunshine Coast Computer Club Inc. Held at Community Hall Caloundra Saturday 9 February 2019

#### Welcome by Chairman:

Peter Daley opened the meeting at 10.30am and welcomed members.

#### Apologies:

Peter Dodwell, Heather Atkinson

#### Minutes of Annual General Meeting 10 February 2018:

The minutes were published in February 2019 edition of Bits'N'Bytes and shown on the screen.

#### Matters Arising from Previous Annual General Meeting:

Nil

Moved by Ian Smyth and seconded by Ron Wright that the Minutes be accepted.

**CARRIED**

#### President's Report:

The President's Report was published in February 2019 edition of Bits'N'Bytes and shown on the screen.

Peter spoke about his report and the need to recruit new members. He encouraged current members to share the free Security PDF guides, or link from the website, to share with friends as an incentive to join the Club.

#### Election of Committee for 2019/2020:

Peter introduced the outgoing committee and thanked them for their work during the past year.

In accordance with the Constitution of the Sunshine Coast Computer Club Inc. all positions become vacant at the Annual General Meeting.

Peter Daley asked Les Thomas to conduct the Election of Office Bearers.

Les thanked Peter for his continued work for the Sunshine Coast Computer Club Inc.

Les then read the nominations for each position, and called for any further nominations from the floor. As there were no further nominations and only one nomination for each position the members nominated were declared elected.

There is a vacancy for a ninth committee member, as there was no nomination for the position it remains vacant.

Position	Elected Member
President	Peter Daley
Vice President	Peter Dodwell
Secretary	Judy Smith
Treasurer	Heather Atkinson
Admin Coordinator/ Committee Member	Jean Lear
Committee Member	Patsy Corbett
Committee Member	George Lupsa
Committee Member	Chris Phillips
Committee Member	Morris Phillips
Committee Member	Ian Smyth
Committee Member	Pauline Timms
Committee Member	Jae Tunnell
Committee Member	

Moved by Brian Henwood and seconded by Pauline Timms that the Election of Office Bearers be approved.

**CARRIED**

Peter Daley resumed the Chair, thanked Les Thomas and welcomed the new Committee.

#### Auditor's Report/Financial Statement:

The Auditor's Report for the year ending December 2018 was published in February 2019 edition of Bits'N'Bytes.

Moved by Gordon Pfeiffer and seconded by Rod Dinte that the Auditor's Report/Financial Statement be accepted.

**CARRIED**

#### Appointment of Auditors for 2019:

In accordance with the Constitution of the Sunshine Coast Computer Club Inc. Auditors for the coming year are to be appointed at the Annual General Meeting.

Motion by Jean Lear that the current auditors be retained up to the 2020 Annual General meeting.

Moved by Chris Phillips and seconded by Pauline Timms

**CARRIED**

**Continued Page 5**

## DuckDuckGo (aka DDG) – Peter Dodwell

### ***Continued from Page 4 Minutes of Annual General Meeting 2019***

#### **General Business:**

Ron Wright asked about the possibility of promoting SCCC through the University and local high schools. Peter Daley advised that there is a process of application and then approval from these institutions and would not be easy.

Peter then spoke about his work in the community this year, raising the Club profile and resulting in some new members.

Peter Daley thanked members for attending the Annual General Meeting

There being no further business

Chairman closed the Meeting at 10.45am

**Judy Smith  
Secretary**

## **DuckDuckGo (aka DDG) – Peter Dodwell**



Ever did a Google search for info about a product you saw somewhere and later saw an ad for it while browsing the internet? Don't even answer it! We all know how intrusive search engines are these days. Especially one particular search giant that is notorious for poking its nose into your data. We all know who I am talking about, don't we?

From knowing your flight itinerary, to your daily commute, to your favourite sports team, Google has become your new (and boundary crossing) best friend. The reason why we don't make a fuss about it is because we believe that it has to track our information to generate revenue. But is that necessarily true? Do search engines really require your data to generate revenue? Well, there's one that doesn't – DuckDuckGo. DuckDuckGo's traffic is soaring, and for good reason. The privacy-focused search engine is gaining in popularity as internet users become more aware of the behaviour-tracking habits of giants such as Google, Bing, Facebook, and others.

As a more recent entrant to the search engine space,

however, DuckDuckGo is little known to many—as are its benefits over other traditional search entities.

#### **What Is DDG?**

DDG was established in the year 2008 as an internet privacy company which aims at being a secure search engine and not a pseudo-tracking engine. DDG is a search engine website, which means that it can find other websites, images, videos, and more on the Internet based on what you ask it for. Somewhat like a knowledge supermarket. Basically, DDG is an anti-tracking alternative to Google and other search engines which follow and track your on-line behaviour. DDG has been building a reputation as the "go to" search engine for folks who are privacy conscious.

#### **Keeping your data private**

DuckDuckGo doesn't collect or share any personal information—and says so right at the top of its privacy policy. On other search engines, (even if you search privately), that search criteria isn't just shared with the search engine—it's also shared with any sites you visit after conducting the search. When you visit 3178 websites, your computer typically shares information like your IP address with them. DuckDuckGo takes a different path. "When you click on a link on our site, we direct that request in such a way that it doesn't send your search terms to other sites," the company explains in its privacy policy. "The other sites will still know that you visited them, but they will not know what search you entered beforehand."

For some of us, having someone tracking us is a huge concern. If you belong to such class of people then the DDG search engine is your solution. But it isn't the only cool thing about it, there are a lot more.

***So then, just how does DDG make money?*** Just because DDG doesn't track you, it doesn't mean that it's ad free. You do get some ads, but DDG only shows you ads related to the keywords that you typed in the search box. This is their primary source of income. NB! This can be disabled in settings.

The other method of generating revenue is non-tracking affiliate partnerships with eBay and Amazon. When you purchase something from these websites through DDG, DDG receives a small commission out of it. So basically the other way DDG earns revenue is by getting a cut out of each product you buy through the DDG redirection link. Naturally, these are not very profitable means and DDG is constantly on a lookout for more revenue generating models without putting user data at risk.

***Continued Page 6***

## DuckDuckGo (aka DDG) – Peter Dodwell (Continued)

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**DuckDuckGo (aka DDG) – Peter Dodwell**

### Advantages of DDG over Google Search

#### Privacy controls

This is the big advantage that DDG has over Google Search, and pretty much its main reason for existing. DDG has options that allow you to use a secure version of the website, making your search activity difficult to track and decipher. You can also redirect your search requests through DDG in a way that prevents the websites that you search for from tracking how you found them, or tracking that you've even searched for them at all. On top of that, DDG also refrains from recording your Internet address, browser specifications, date/time and location of your search, or anything tying your search or its terms directly to you. Google Search and others track all of these things.

#### Using DDG

Follow these tips if you'd like to check it out for yourself, and find out why more and more people are using it for their searches.

#### Start by making DDG your default search engine

Adding DDG to your web browser is easy. Simply browse to [www.duckduckgo.com](http://www.duckduckgo.com). A small pop-up will appear in the top-right corner of the display allowing you to add DuckDuckGo to your browser. Once that's done you'll need to go to your browser's settings and enable DDG as the default browser.

**Safari:** Open the Safari | Preferences menu and go to the Search section. Choose DDG from the list of available search engines.

**Chrome:** When you installed the Chrome plug-in, the setting was automatically updated for you.

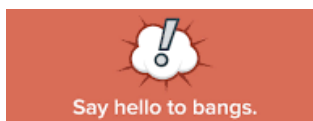
**Firefox:** When you installed the Firefox plug-in, the setting was automatically updated for you.

**Edge:** Open the ellipsis menu at the right-hand edge of the toolbar and open Settings. Open the *Advanced* settings, click the Change search provider button and set DDG as the default. Bang out a quick search

#### DDG Tips to Search Like a Pro

##### 1. Bangs!

Easily one of the best features of the DDG search engine is its !Bang feature.



There are over 8500 "bangs" that you can use to search

directly on specific websites through DuckDuckGo! All you need to do is type an exclamation mark (aka a 'bang') in the address bar, followed by the supported bang you want to search for, and your desired keyword. It takes you directly to your desired website. For example if you write !a shoes in the address bar DDG will go directly to the correct Amazon web page. Remember, though, because your search is actually taking place on some other site, you are subject to that site's policies, including its data collection practices.

Some more examples of bangs are shown in the image.

You'll find a list of the many 'bangs' at:

<https://duckduckgo.com/bang#bangs-list>

While DuckDuckGo is definitely one of the more private search engines around, bangs are a really 'gotta try' feature. I think once you give DuckDuckGo a shot (if you're not already), you'll enjoy them, too.

##### 2. Get Cheat sheets

While using any software or any operating system some shortcuts definitely prove to be very handy. DDG provides an easy solution to this, all you are required to do is to enter the name of the software and keyword 'Cheatsheet' and you are shown the list of all the relevant cheat codes.

For example, simply type Facebook cheatsheet.

##### 3. Stopwatch and Timer

Want to use a stopwatch or a timer in your computer or laptop itself, no need for any additional software. DDG browser can be to some use here. You can simply type stopwatch and timer in the address bar.

##### 5. View any Calendar

On DDG you just have to write the month followed by the year and type calendar and you are able to view the desired calendar :

##### 6. Music Buffs

If you are a budding music artist this search engine can be of tremendous help. You can look for chord diagrams. You can carry out frequency and mix pitches conversion. The most amazing feature for any artist is its rhythmic dictionary as while writing lyrics you can look for rhyming words.

##### 7. Text Casing

You can change the casing of any text by pasting it in the address bar and adding a prefix lowercase with a space and hit enter. You can get the desired results and paste them to the desired location. Same can be done for uppercase and title case.

**Continued Page 7**

**Bits'N'Pieces**

**Continued from Page 6**  
**DuckDuckGo (aka DDG) – Peter Dodwell**

**8. Generate QR codes**

QR codes are a quick way of accessing any website. You can generate QR codes for a website by typing QR code and then paste the desired link and then through this qr code you can easily access the website on your phone.

**9. Filtering results**

If you want to find solution to your query but you want the results to be limited in a certain region over certain time period, you can easily set the locality and time filters in the DDG search engine.

**10. Find app alternatives**

You can easily find some app replacements you might be using in your phone or your laptop. Simply write alternative to followed by the app name and there in you can find a number of alternatives :

**11. Remove some word from your search**

If you are entering any query but want certain word that should be excluded from the results to be displayed use '-' sign and then the word you want to remove. For example "Losing Weight"-diet will show you results regarding losing weight without diet.

**12. Generate passwords**

These days you are to create accounts on like almost every website to get to use its service and thinking of different and secure passwords can be a bit tiring. Here DDG+\* can come to your rescue by generating strong passwords and all you need to is write generate password and there it is :

**13. Expand/ Shorten URL's**

If you have any long link and want to shorten it or if you want to expand an already shortened link DDG can help you in doing that. Use 'shorten' for shortening the link & 'expand' for expanding a shortened link.

**14. Search for social media info**

If you want to search any person or page on any social media website, enter its name according to the syntax of that website. For example for searching something on Instagram use '@' followed by page's/person's name.


**15. Check whether any website is down**

You get to listen and experience that a popular website is down. You can easily check whether a website is down using DDG. Just enter 'is <website name> down' and you'll get the answer instantly.

**16. Search for a specific term in the title of a web page**

If you want to find web pages with a particular term in the title, use intitle: and then enter the terms you are looking for. For example intitle:fun AND joy /will show in the results any web pages that have both fun and joy in their titles.

**DDG has even more abilities. If what I've covered piques your interest, then go to its web site and use the link to install it into your browser of choice.**



- CCleaner: 5.53.7034
- Malwarebytes Anti-Malware: 3.7.1.2839
- Dropbox: 67.4.83
- Firefox: 65.0.1
- Thunderbird: 60.5.2
- Windows Defender 1.289.21.0
- Google Chrome: 72.0.3626.119
- Foxit PDF Reader 9.4.1.16828
- Picasa: 3.9.41
- Apache OpenOffice Suite: 4.1.6
- iTunes: 12.9.3
- Java: V8

**Windows 10 overtakes Windows 7**

More than three years after its launch, Windows 10 has finally overtaken its predecessor Windows 7 in terms of popularity.

The turning point was flagged by web traffic analytics firm Net Applications, whose NetMarketShare figures showed Windows 10's market share on desktop and laptop PCs overtaking Windows 7 for the first time in December 2018.

In that month, 39.22% of all Windows PCs were running Windows 10 and 36.90% were running Windows 7, according to the NetMarketShare figures. Overall, Windows was by far the most popular desktop OS, with 86.2% market share.

**The message is now loud and clear with Windows 7 losing Microsoft's extended support from 14 January 2020**

## Jean's Jottings

### History of Sunshine Coast Computer Club Inc -Continued from Bits'N'Byes February 2019

The first Club Magazine was issued in February 1989 under the name of Sunshine Coast Computer Users Group Newsletter when the Club was less than six months old. It was a double sided A4 sheet and the Editor was Jason Trump. The magazine progressed through various name changes including 'Input/Output', SCCUG News and Views Monthly Newsletter. The December 2003 issue carried the title of Bits'N'Bytes which is still the magazine title.

Looking through the file of previous Newsletters reveals a series of editors of the magazine including the first editor - Jason Trump (February 1989/July 1989 and April 1990), Daz Picton (August 1989/March 1990), Harry Boon (September 1990/March 1993), Paul McDonald (April - Nov 1993) Brad Angie (December 1993/February 1996) Acting Editor Kerry Pleml (April 1996) Acting Editor/Editor Roy Nipperess (June 1996/February 1999) Heather Atkinson (March 1999/April 2002) Pam Chadwick (May 2002/October 2003) Bram Gibson (November 2003/February 2005) Peter Daley (March 2005/ May 2008) Heather Atkinson -June 2008 to September 2010 when Judy Smith volunteered to be Editor while Heather was on holidays and has been editor since then.

Extract from the June 1998 issue of Bits'N'Bytes -

#### E-Mailed Newsletter

To improve our service to Club members we are now offering members of the Club the Bits'N'Bytes magazine as an e-mail attachment, in a self extracting html page format. The advantage is that we can then produce the news letter in colour, with animation, multimedia, and with hyper links directly to the sources of files, programs and information. This would be too expensive to do in normal print. ....Heather Atkinson our BBS Syop, is doing the translation from the paper version to the Internet version. The thought and design work she has put into the e mail version has been excellent. It is colourful, easy to use and has some great features. If you have an e mail account try this out, its great. Those of you who would like to try this new service please let us know. At any time you can simply write to the Club e mail address and say that you would like the paper version instead."

Until Feb 02 there was no charge for members to receive a paper copy of the magazine posted to them, but as the costs of printing and posting had increased over the years the Annual General Meeting voted to levy a five dollar subscription for the paper version. At the Annual General Meeting of February 2004 the levy

on receiving the paper copy of magazine was increased to twelve dollars per year rather than increase the general membership fees. The cost remains the same today with the Club covering the increasing costs since then.

Over the years the magazine was created in MS Publisher program. When Peter Daley took over as Editor, the March 2005 edition was the first to be published using Open Office program with the feature of that program being to click the export to PDF button to instantly create the PDF version. This issue also changed to A4 format so members could print from the internet correlated and duplexed in either Adobe Reader or Open Office. (Foxit Reader has now been added as a PDF reading program) The July 2005 magazine was created by Peter in Linux with Open Office. When Heather Atkinson took over as Editor of the magazine (again) in June 2008 Heather did not use Linux in the creating of the magazine.

#### Bits'N'Bytes - Club Monthly Magazine

An on line Library of the Club's Bits'N'Bytes magazines can now be accessed from the link below. There is now no need to be registered for the Members Area of the Website to view past issues of Bits'N'Bytes - Just enter the link below to open and then download or read any issue from Feb 2010 to the current issue.

<http://sccc.org.au/bnb/>





## Linux - an Alternative – Rodney Border

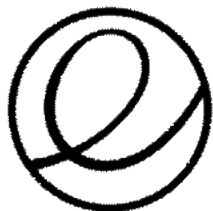
Are you tired of Windows? Tired of running anti-virus, anti-malware programs? Is your computer running really slow, sometimes impossible to use normally? Is all the 'cloud computing' getting to you? Why does it all have to be so complicated and why do we have to upgrade to more powerful computers every few years in order to keep up? Windows 10 now runs on about 60 million lines of programming code.

Recently I finally ditched Windows 10 (two laptops). I got tired of the massive updates that seem to take ages to install, and sometimes create more problems than they are worth. I long for simplicity in a world of ever increasing complexity. Windows 7 was good. It was still reasonably familiar and straightforward. Last time I looked, it was the world's most used desktop operating system (at about 34%). However, I believe Microsoft plans to end support for Windows 7 in 2020. Yet again, a situation of forced redundancy. It will force most users to upgrade to Windows 10.

*I'm not against Windows of course. Microsoft has had to build Windows to be everything for everybody. Hence the complexity, and ever increasing demand for more powerful system resources.*

What if your desktop computer (PC), or Windows laptop, no longer has the optimum system requirements for Windows 10 and it was slow even running Windows 7? If it has only 1GB or 2GB of RAM, it will hardly be much good, and will probably run like a lame dog.

The solution. If you miss the days when computers were more simple and straightforward, then Linux maybe the answer. If you do not want to be bothered about shortage of RAM, and voice command software like Cortana, and having to stay connected to 'the cloud', then a simple desktop version of Linux may be the answer.



elementary OS

The digression. During six years of IT studies at TAFE and university in which training was mainly on Windows

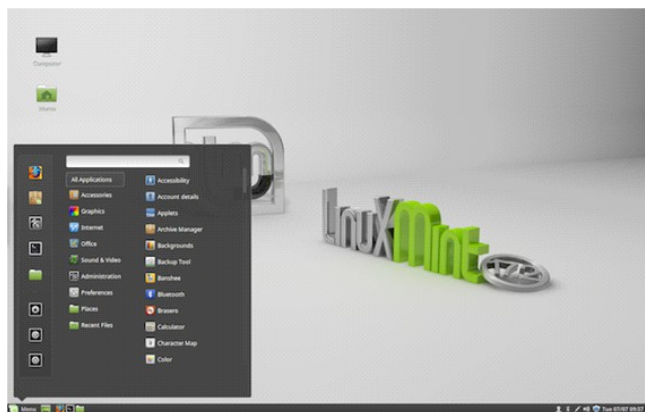
computers, Linux was a real eye opener for me. One of my TAFE teachers was a C programmer who had worked on UNIX systems previously. He taught us 'command line UNIX' through using the Linux command line terminal.

UNIX was the operating system (OS) developed at AT&T's Bell Labs in the USA and first released in 1971. An open source version of UNIX was used by Linus Torvalds to create Linux in 1991 at Helsinki University. It is free and open source (under the GPL license).

Linux was not originally developed as a desktop OS. Like UNIX, it was primarily a server OS (i.e. designed to provide network services). Some key points of Linux now are:

- Free to use and share
- It will run on the PC computer architecture (like Windows)
- Maintained by a worldwide community of software developers
- Inherently stable and secure
- Runs on 90% of the world's top 500 supercomputers
- 80% of websites are powered by UNIX/Linux web servers

Linux is not a gimmick. It powers the internet. It is an important tool of science. It powered the Mars Rover. It is highly customisable. It is immune to Windows viruses and malware. In recent years, Linux developers have made great strides in adapting Linux to cater for the needs of desktop computer users. Most of the usual sorts of desktop software applications are available such as web browsers, email clients, music players, office applications ... just about anything really.



**Continued Page 10**

## Reviews

### **Continued from Page 9 Linux an Alternative – Rodney Border**

So before you throw out that old Windows PC or laptop, remember that you may just benefit immensely by blowing away Windows and installing one of the many free versions of Linux. The computer will take on a whole new lease of life. It will have a fresh new look, it will run faster, be less cluttered and will do pretty much everything you need it to do without having to worry about connecting to cloud services. It will normally have a simple interface, easy to navigate. You will be able to install more software applications free of charge if you wish. There are many versions of Linux. The one that most people hear about these days is Ubuntu (meaning 'for the people'). This is because the developers of Ubuntu made a great effort, with appropriate funding, to create a desktop version of Linux that would be appealing and easy enough for people to use when migrating from Windows.

These days the two versions of Linux that I personally use most of all (when I'm not using my Mac) are Mint and Elementary OS. Both of these are actually offshoots of Ubuntu. Mint rivals Ubuntu in popularity and is better in many ways. Elementary OS is really simplified and is designed to have a user interface resembling the Apple macOS (superficially). It has been simplified to make it very stable and easy to use.



Another (non Linux) option is to use a Mac Mini, which is a bare box version of the Apple Mac. You can connect non-proprietary PC peripherals such as USB mouse and keyboard etc with a Mac Mini. It will come pre-installed with a version of macOS, which incidentally, is also UNIX based, and of course very stable and secure. I have never felt the need to run anti-virus software on a Mac. It makes for a very nice user experience.

A refurbished Mac Mini can be bought for as little as \$629 from Apple Australia (online) and may be good for up to 10 years or more. The refurbished devices are rebuilt to new condition and include the standard 12 month warranty. I may cover this option in more depth in the next issue of Bits N Bytes.

**Rodney Border - [www.webjewel.co](http://www.webjewel.co)**

### **Oppo goes 5G (soon)**

Thomas Bartlett February 24, 2019

While much of the focus at the Oppo Innovation Event 2019 was about the company's 10x Lossless Zoom technology, the other was 5G. Specifically, Oppo's involvement in the development of 5G technology and its near-term plans.

Those plans include the launch of a 5G phone before year's end, including in Australia. It's not surprising that this should be happening in Australia, since of Oppo's four international mobile carrier partners, two are Australian: Telstra and Optus.



Oppo Investment in 5G

In 2019 Oppo is investing \$US1.5 million in 5G development.

Read Full Report at:

<https://www.gadgetguy.com.au/5g-oppo-goes-5g-soon/>

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### **HTC MWC 2019 announcements**

Ray Shaw February 26, 2019

HTC MWC 2019 announcements focus on the growing 5G market. Its new product is a 5G Mobile Hub, and it will be coming to Australia via Telstra.

HTC MWC 2019 announcements include 5G hub with a 5" HD (720p) touch screen for both commands and content – no PC necessary to stream video or audio content. It will also support HTC Vive Reality VR in the future.

In fact, its equivalent in specifications to the latest Qualcomm 855 Snapdragon flagship phones.

**Cher Wang, Chairwoman and CEO of HTC, said:**

*"HTC is proud to bring to market the world's first 5G mobile smart hub. 5G will be the game-changer for VR and AR, and the new HTC 5G Hub will seamlessly deliver the great bandwidth of 5G to our devices, driving our vision of Vive Reality—a boundless, immersive environment where human experiences will come to the forefront."*

Read full Report at:

<https://www.gadgetguy.com.au/htc-mwc-2019-announcements/>

**Alerts**

**30th January 2019 - Google Also Violated Apple's Trust With App That Quietly Collected Sensitive User Data**

**Extracts:**

After setting off another firestorm over Facebook's abusive data privacy practices when it revealed that the social media giant encouraged users as young as 13 to bypass the Apple app store and side-load an app that offered them a small financial incentive to allow the company unfettered access to their personal data, TechCrunch has followed up its earlier report with another bombshell: Google built a very similar app that functioned in practically the same exact way. <https://techcrunch.com/2019/01/30/googles-also-peddling-a-data-collector-through-apples-back-door/>

The app built by Google, called Screenwise Meter, was available for iOS and Android users. Like Facebook, the app violated Apple's policies over using its enterprise developer certificate to allow non-employees to download the app. It also encouraged teenagers to download the app, allowing Google to Hoover up sensitive personal data about their phone-usage habits. <https://www.zerohedge.com/news/2019-01-30/google-also-violated-apples-trust-app-quietly-collected-sensitive-user-data>

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**11th February 2019 - Cybercrime skyrockets in NSW as murders and robberies fall**

**Extracts:**

The 19-year-old, who works as a full-time barista, found a second-hand MacBook Pro for \$1,300 on Facebook Marketplace, a shopping website similar to eBay.

He made a bank transfer to the seller, but his nice gesture instantly backfired.

<https://www.abc.net.au/news/2019-02-11/cybercrime-skyrockets-in-nsw-as-murders-and-robberies-fall/10776982>

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**11th February 2019 - Los Angeles firefighters report neurological damage after cell tower installation near their station**

**Extracts:**

Dr. Gunnar Heuser lead brain studies on firefighters following a cell tower installation on their fire station and found that their brains were all abnormal. His SPECT brain study in 2004 focused on firefighters who complained of neurological problems following a cell tower installation at their fire station beforehand. The symptoms they experienced were: headaches, memory

problems, sleeping problems, depression, and anxiety. Dr. Heuser published a study recently on fMRI showing abnormalities in EHS similar to brain injury.

<https://www.sott.net/article/407125-Los-Angeles-firefighters-report-neurological-damage-after-cell-tower-installation-near-their-station>

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**12th February 2019 - Bryan Denny is the face of military romance scams, and he wants it to stop**

**Extracts:**

Scammers also advertise photo-doctoring skills for fabricating IDs, and even medical emergencies.

In secret groups on Facebook's instant messaging service, WhatsApp, fraudsters trade bank accounts for laundering stolen money.

Even when the Facebook groups are shut down by the social media giant, scammers establish new ones which quickly accumulate members.

"They offer Facebook profiles for sale, they offer pictures of uniformed servicemen for sale, they offer the backstory and kind of how you get started. So it's all right there. It's in plain sight, it's not hidden," Colonel Denny said.

<https://www.abc.net.au/news/2019-02-12/facebook-bryan-denny-is-the-face-of-military-romance-scams/10786180>

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**25th February 2019 - Google's Always Listening: Nest Security System Has A Secret Embedded Microphone**

**Extracts:**

"Nest's failure to disclose the onboard microphone included in its secure home security system is a massive oversight," said Ray Walsh, a digital privacy expert at <https://www.bestvpn.com/>. "Despite Google's assurances, the fact is that the device has a microphone which could potentially have been hacked or accessed by Google to perform covert corporate surveillance."

The Register asked Google if any Nest microphones had been activated prior to the company's announcement of their existence and whether the company could confirm that no audio data was collected during that period. "Google claims that the mics were never used prior to disclosure, which would preclude the possibility of covert data collection," the tech site reports.

<https://www.zerohedge.com/news/2019-02-25/googles-always-listening-nest-security-system-has-secret-embedded-microphone>

## Raffle

### THE LAST SCCC RAFFLE WAS DRAWN SATURDAY 09 FEBRUARY 2019 AT CALOUNDRA using the Random Number Generator.

The prize for this raffle was an OPPO A73 Smartphone.

The number drawn was 280 which was a ticket bought at a Buderim meeting by Tony Ernst. Congratulations Tony.

Thank you to the members who supported this raffle and to the members manning the desks and selling tickets in the raffle.



### RAFFLE TO BE DRAWN SATURDAY 09 MARCH 2019 AT CALOUNDRA.

The prize for this raffle is an HP Stream 11.6" Celeron Laptop 11-ah120TU. It has an ultra compact design and features include an 11.6" HD LED display with a resolution of 1366 x 768, Intel Celeron processor, 4 GB of RAM and 64 GB of storage.

The laptop supports connections via dual-band WiFi, Bluetooth 4.2, USB 3.0, USB 2.0, micro HDMI and 3.5 mm and the Intel UHD 600 graphics processor is great for editing photos, playing videos.

Specifications are on display where tickets are being sold.

Tickets are \$1 each and available at all meeting venues to day of draw.

Remember buying of tickets is voluntary.



### RAFFLE TO BE DRAWN DRAWN SATURDAY 06 APRIL 2019 AT CALOUNDRA

The prize for this raffle is a Samsung Galaxy Tab A 8" WiFi Tablet

The Samsung Galaxy Tab A 8.0 16GB WiFi features a powerful processor and an 8.0 inch display, making it a practical and convenient solution for your multitasking and entertainment needs.

Specifications will be on display where tickets are being sold.

Tickets will go on sale at Buderim 14 March 2019, are \$1 each and available at all meeting venues to day of draw.

Remember buying of tickets is voluntary.



### IDEAS FOR 2019 RAFFLES WANTED

If members have any suggestions for future raffle prizes please telephone the Club Information Line 5492 1005 (Leave a message if the call is not answered) or email [sccc@internode.on.net](mailto:sccc@internode.on.net)

**Corporate Members**

**Help with Computers**

**Andrew Hadland Diploma ICT**

**Phone 5491 8645**

- Help with all aspects of Computer Functions
- Tuition – Emails – Scanning – Video Editing
- Burning CD's / DVD's – Backups
- Protection Anti Virus – Spy ware – Firewall
- Internet – ADSL Setup

[Computer - Repairs - New Systems](#)

**Peter Daley**

**Computer Repairs and Upgrades for Windows and Linux. Data Recovery.**

**Computer and Internet Training and Setup. Home Entertainment and Hi Fi systems set-ups and advice.**

**Custom built computers. All computer systems are tested before pick-up.**

**Award Winning Web Page Designer.**

**E-Mail: [vital1@ozemail.com.au](mailto:vital1@ozemail.com.au).**

**PH 07 5491 3279**

**| [Free Books](#) | | [Links](#) | | [E-mail](#) |**

**Keep up with IT**

- Websites and Internet Services
- Computer Tuition
- Desktop and Mobile Devices
- Primarily Apple Mac, Windows and Linux

**Rodney Border**

Phone: 5452 6268 Mobile: 0477 150 653

[rodborder@hotmail.com](mailto:rodborder@hotmail.com)

<http://www.webjewel.com.au/>

Grad Diploma Information Systems – University S/Coast  
Diploma in IT Systems Administration S/Coast TAFE

**Excel Specialist**

- ➡ Business Productivity / Automation
- ➡ Time Saving Tools – reduce manual tasks
- ➡ Consulting, Coaching, Mentoring
- ➡ Business Solutions Design and Delivery
- ➡ Spreadsheet Review & Defect Analysis
- ➡ Spreadsheet & Applications Development
- ➡ VBA Programming, Macros, etc


**Ed Chivers - Phone 0418 573 891**

Email: [ed@ppminsights.com.au](mailto:ed@ppminsights.com.au)

Productivity tools: [www.clickmyview.com](http://www.clickmyview.com)

30+ years Excel experience in business solutions, data mining, analytics. Incl. Opportunity & risk assessment - estimating - planning - capacity planning – project forecasting - financial reporting and dashboards.

**Find Your Membership Number**



Do you read your Bits'N'Bytes each month? Find your membership number hidden somewhere in one of the pages and win five free tickets in the current raffle.

The membership number will be chosen at random and will appear as a four digit number within the text of the magazine and may be on any page. If your membership number has 1, 2 or 3 digits, it will be shown with leading 0s.

Do not forget to thoroughly scrutinise every magazine for your membership number hidden within the text of articles each month.

The number is placed in the 8672 middle of a sentence like this!

Start looking now! The lucky membership number is hidden somewhere in this month's edition. Is it yours?

When you find your number contact the club by email at [editor@sccc.org.au](mailto:editor@sccc.org.au) or phone 54921005 to claim your prize. You are allowed 60 days from the publication date to claim your prize. Otherwise, the prize is forfeited!

**Classified Ads**

Classified Advertisements in Bits'N'Bytes - Editorial Policy is that B'N'B Classified Advertisements:

1. Are for the use of members only.
2. Items must not be of a business or commercial nature.
3. Items submitted should be limited to a few items - no huge garage sale lists please!
4. Items should preferably be relevant to computers, graphics, video, audio, electrical or electronic hobbies etc. Adverts for other types of household goods will be accepted only if there is sufficient room for them.
5. Ads should preferably be forwarded direct to [editor@sccc.org.au](mailto:editor@sccc.org.au) or phoned in to 07 5479 0671. The Editor reserves the right to reject or edit any material .Editor reserves the right to reject or edit

**FOR HIRE OR LOAN**

The Sunshine Coast Computer Club owns Record Cleaning Equipment, Data Projectors, Laptops, External DVD burners, Scanners, Digital Cameras, etc.

This equipment is available for hire or loan to members when it is not required by the club for Meetings and presentations.

Contact your club if you need to borrow or hire equipment.

**Email: [sccc@sccc.org.au](mailto:sccc@sccc.org.au)**

**Telephone: 07 5492 1005**

**FOR SALE**

Wireless Ear Buds, not used, still under Warranty.

New: \$ 225.00

**Selling for \$ 90.00**

more info at: [www.beatsbydre.com](http://www.beatsbydre.com)

Contact: Brigitte 0424171230

**If you are ill or incapacitated or know of a club member who is ill and would**

**appreciate a cheery greeting**

**Send the members details to:**

**Email: [editor@sccc.org.au](mailto:editor@sccc.org.au)**

**Info Line: 07 5492 1005**



**SCCC Web Site**

**<http://www.sccc.org.au>**

To access the 'Members Only' area of the web site, members must be registered.

Enter the link

**<http://www.sccc.org.au/membership-signup>**

into your web browser and follow the instructions to get registered

<b>Place Your Classified Ad on this page.</b>	
<b>Member</b>	<b>Surf Watch - Members Web Sites...Submit Yours</b>
Peter Daley	Very Useful Links <a href="http://www.ozemail.com.au/~vital1/lstlinks.htm">http://www.ozemail.com.au/~vital1/lstlinks.htm</a>
Peter Daley	Fantasy land Creations <a href="http://www.ozemail.com.au/~vital1/lstlinks.htm">http://www.ozemail.com.au/~vital1/lstlinks.htm</a>
Peter Daley	Daley Positive Personal Development <a href="http://www.ozemail.com.au/~vital1/lstlinks.htm">http://www.ozemail.com.au/~vital1/lstlinks.htm</a>
Jay Lebouillier	Website Design Centre <a href="http://www.websitedesigncentre.com.au">http://www.websitedesigncentre.com.au</a>
Technologypals	Corporate member <a href="http://www.technologypals.com.au">http://www.technologypals.com.au</a>
Bill Maxwell	IT Knowledge Base for Seniors <a href="http://billscomputerpot.com">http://billscomputerpot.com</a>
Rodney Border	Website and IT Tuition - <a href="http://www.webjewel.com.au">http://www.webjewel.com.au</a>
Graham Eastman	Aussiepens"n"things – <a href="http://aussiepensnthings.com.au">http://aussiepensnthings.com.au</a>
Ed Chivers	Productivity tools: - <a href="https://www.clickmyview.com/">https://www.clickmyview.com/</a>
Donna Neck	Life Counselling Solutions - <a href="http://www.lifecounsellingsolutions.com.au">http://www.lifecounsellingsolutions.com.au</a>
Annemiek Bradfield	Helmet Covers - <a href="http://www.equestrianproductsaustralia.com.au/">http://www.equestrianproductsaustralia.com.au/</a>
<b>Your Committee</b>	
<b>President</b>	<a href="#">Peter Daley</a> 5491 3279
<b>Vice President</b>	<a href="#">Peter Dodwell</a> 5327 1216
<b>Treasurer</b>	<a href="#">Heather Atkinson</a> 0466 954 687
<b>Secretary</b>	<a href="#">Judy Smith</a> 0419 725 292
<b>Administration Co-ordinator</b>	<a href="#">Jean Lear</a> 5492 1005
<b>Committee</b>	<a href="#">Patsy Corbett</a> 5493 7947
<b>Committee</b>	<a href="#">George Lupsa</a> 0423 177 955
<b>Committee</b>	<a href="#">Chris Phillips</a> 5445 6323
<b>Committee</b>	<a href="#">Morry Phillips</a> 0414 869 327
<b>Committee</b>	<a href="#">Ian Smyth</a> 5491 9139
<b>Committee</b>	<a href="#">Pauline Timms</a> 5493 2338
<b>Committee</b>	<a href="#">Jae Tunnell</a> 5441 5533
<b>Committee</b>	<a href="#">Vacant</a>
<b>Life Members</b>	
Peter Daley	Tom Bray (Deceased)
Heather Atkinson	Morry Phillips
Peter Dodwell	George Lupsa
Jean Lear	David Gould
Marie and Jim MacGregor	Bill Maxwell

**SCCC Membership Application/Renewal Form**

**Applications can be posted to SCCC Inc. PO Box 384, Caloundra, 4551  
 emailed to [sccc@sccc.org.au](mailto:sccc@sccc.org.au) or presented at a Meeting**

**I wish to apply for membership**

**I wish to renew my membership**

Name(s):

Address:

City: Postcode:

Phone: Mobile Phone:

Email:

Membership cards will be posted to the above address after 20th of next month

Membership fees include the electronic version of the Club monthly magazine.	Amount	\$
Individual	\$50	
Family	\$60	
Corporate (Includes a monthly advertisement in the club magazine)	\$75	
Junior (Under 18 Years of Age)	\$35	
Printed and posted copy of Club monthly magazine	\$12	
<b>Total Enclosed</b>		<b>\$</b>

**Signature:** .....

Payment by Cash, Cheque or  
 Direct Deposit to - **ANZ Bank - BSB: 014-616 Account No: 4095-54674**  
**(Please Note - Payments made at Meetings by Cash or Cheque only)**

In accordance with Club Rules, members are advised that the Club has Public Liability Insurance to the value of \$20,000,000

**SCCC Office Use**

Date Paid: .....	Amount: \$.....
Receipt Number: .....	Membership Number: .....