

The Space Coast PC Journal



Making Your Tech “Fit” Things in Your Hands

Author: Debra Carlson, Technical Advisor, CVC Computer Club, CO

Q3 2019 issue, Tech-Notes

cvc.computer.club (at) gmail.com

Last quarter we talked about monitors. Now we will talk about Things in your hands.

Do you have hand, shoulder or neck pain while and after using your computer? Spend hours online without moving? Taking breaks is helpful, of course. Having good habits can help avoid some potentially debilitating conditions:

- Carpal tunnel syndrome happens when pressure on the inner wrist makes the median nerve swell causing numbness, tingling, pain, and weakness.
- “Mouse shoulder” (pain in shoulder, upper arm and forearm) can happen when time is spent slouching while moving the hand. It leads to muscle strain of the shoulder girdle or the spine itself.
- A mouse that fits the hand poorly can also cause thumb tendinitis.

Computer peripheral manufacturers mention three mouse grip styles: palm grip, claw grip, and tip grip.

1. The palm style mimics holding the mouse like a doorknob. Most of the palm / finger surfaces are in contact with the mouse and most of the hand’s weight lies on it. Mice built for palm grip are big, wide, have a “hump” on the back, and an area to rest the middle or ring finger.



2. The claw grip arches the hand -- only the fingertips and a small part of the palm contact the mouse. It takes less hand weight to “flick the mouse” making it easy to change the cursor’s aim. The hump on the mouse back is smaller, and the mouse is smaller than one built for palm grip.

Continued.....page 4

The Monthly Publication of the Space Coast PC Users Group, Inc.

Visit Our web Site at www.scpcug.com



November 2019

Vol. XXXV Issue XI

Editors Emeritus: Lois Hoover, Peter Gaul, Dan & Peg Currie

JOURNAL STAFF

Editor.....	Ron Ingraham.....	321-777-2578
Database.....	Ron Ingraham	
Circulation.....	Ron Ingraham	
Electronic Journal	Ron Ingraham	
Proof Reader.....	Lori Ingraham	
.....		

All work on the Journal is performed by unpaid volunteers.

Submitting Articles to the Journal

We encourage all of our members to submit original computer-related articles for publication in The Space Coast PC Journal.

Writing a Product Review

It is really not that difficult to write a good review for The Space Coast PC Journal. These guidelines will help you get started:

Product information

- List the product name, release level, and manufacturer.

Use

- What does this product do?
- How easy is it to learn and use? Is it for beginners or does it have advanced features?
- List and describe some of the features. If this is an upgrade, what is new to this version?
- What did you like or dislike about it?
- Did you have to call Customer Support? What for? Were they helpful?

Installation

- How much disk space did the product take?
- How long did it take to install?
- Was it difficult to install?
- Specify requirements such as: DOS level, Windows level, Windows type, etc.

Recommendations

- Would you recommend this product?

Remember these are guidelines. They are not meant to be all-inclusive, nor should they limit your creativity. But all of them should be included as part of your article. Then the review will practically write itself!

Preparing Your Articles

To assist us in incorporating articles into the Journal, it would be helpful if certain minimum standards were followed. Use this quick-step guide:

Format: The preferred format is ASCII text files. We can also work with other formats, but check with the editor before using them.

Text: Single-space the text—even between paragraphs. Don't indent paragraphs. Use hard returns only at the ends of paragraphs. Use only one space after periods, colons, and question marks. Follow standard capitalization rules.

Use left justification only. Do not right justify or block your text. (Word processors add extra spaces between words to justify the text and each of those extra spaces must then be removed.)

Graphics: The preferred format for graphics accompanying your text is TIFF—in separate files from the text. Embedded graphics are not useable. Most image editing programs have a "resize" option to alter the size of graphics. Please try to keep your graphic file sizes to around 1 meg in size. Call the editor if you have questions.

Be sure to include your name and phone number so we may contact you if we have any questions. Anonymous articles will not be published.

Submit your article by uploading the file to ringram728@earthlink.net or bring your disk and hardcopy to the Monday meeting or mail to:

Editor, SCPCUG Journal
Space Coast PC Users Group, Inc.
1360 Mayflower Avenue
Melbourne, Fl 32940-672

3Articles must be received by the 28th of the month to appear in the next issue, and all are, of course, subject to editing. □

From The Editor

All last week I puzzled over what to write about in this column. As luck would have it, nothing came to mind.

Nothing special has occurred in the group that I'm aware of. Nothing in particular in the world of computers warrants my comments here.

Maybe I can elaborate on the span of my years as Editor of the Journal. Dan went back to the 70s in his article this month. I can't begin to go back that far. I only became interested in computers around 1991.

Looking back over recent issues, I find that I've been devoting quite a bit of time to my activities in the group. From new member, to Librarian, to producing the monthly program disks, to printing and mailing of the hard copy Journal, and finally to becoming editor.

Looking back over the Journal files I find that I was editor in April 2002. That makes it over at least 17 years. Looking at this column in that issue I find that little has changed. I was using this "Bully Pulpit" then as I have more recently to try to get members to take an active role here. I plan to continue my part as long as I'm able, but we have no guarantees that we'll be here tomorrow. I just hope.

Ron Ingraham, Editor

The Space Coast PC Journal

Published monthly by the Space Coast PC Users Group, Inc. 1360 Mayflower Avenue Melbourne, Fl 32940-6723

Those who have listed an e-mail address would prefer to be contacted by e-mail rather than by phone whenever possible.

CLUB OFFICERS

President.....Dan Douglas datadan@msn.com.....301-1075
Vice PresidentLarry Bennett lbennett@qualitek.biz.....259-2400
SecretaryHarry Pearson harrymp@cfl.rr.com868-1814
TreasurerIrene Nelson irenelnelson@gmail.com 806-4032
Journal Editor.....Ron Ingraham ringram28@cfl.rr.com.....777-2578
Web MasterCurt Potsic cmpotsic@att.net..... 632-7185
Membership Chairperson.....Linda Glassburn glassburn@earthlink.net .216-334-7555

STAFF MEMBERS

Hospitality..... Barbara Mead
New Member OrientationOPEN
Orientation HostessOPEN
PublicityLarry Bennett
Help Desk.....OPEN
FacilitiesOPEN

HELPLINES

Internet/HTML.....Curt Potsic cpotsic@att.net.....632-7185
Windows10Curt Potsic.cpotsic@att.net.....632-7185
General Computer Us.....Tom Marr Calling Hours 10-6.....338-5414
yjm1938@yahoo.com.

Professional also includes DriveScrubber, a utility that can securely erase data from hard drives. This is necessary when donating a computer,

If there is a program not listed that you feel comfortable with, let us list you as one of our helplines contact ringram28@cfl.rr.com

The SCPCUG Home Page is at:
http://www.scpcug.com
Check it out!!!!

IN THIS ISSUE

Feature Articles

Make Your Tech "Fit"1
Need to email a big file.....4
A Few of My Favorite Things.....11
Interesting Internet Finds.....12
Crowns and Computers.....13
Free Windows Programing.....14
File Explorer.....18
TidBytes from Sam I Am... .22
Make Life Easier.....24
iPhone Sound Menagerie.....27
Internet of Things.....28
New Amazon Alexa.....29
Interesting Internet Finds.....31

Regular Articles

From the Editor.....2
Meeting Minutes.....5
From the Cashier's Cage.....5
Dan's Desk.....6
Webmaster Wanderings.....10
Brevard User Group.....30

Noticeu

PresentationsSchedule.....32
Calendar of Events.....32
Learning Center.....33

Presentation
October 17, 2019

Oct 17, 2019 - Best Buy and Mr. Robert Hong of Apple will present an overview of the New Advancements in Apple's Electronic Technology. Robert Hong last spoke with us on Mar 15, 2018.

Bring Some Friends

Making Your Tech Fitfrom page 1

3. Tip grip is “all” fingertip. No part of the palm touches the mouse. It’s faster and more agile than claw grip, but also more tiring. Making small adjustments on the screen such as photo edits, can be tough because the mouse moves so quickly. These are small, like “travel” mice. If not from overuse, pain often comes from using a mouse that, because of mis-sizing, requires an awkward grip or too much pressure to click.

So, what can be done to minimize problems –

1. Figure out your grip type and buy the right mouse for it. If you can, go to a store and “try” some mice. If that isn’t practical, pay careful attention to the size on the description -- and its relationship to your hand size. Don’t wait until you hurt to start using a mouse correctly or to find a mouse that fits your grip style.

2. When you’re using a computer, keep the mouse a little above elbow height with your wrists relatively straight.

3. Take frequent breaks to avoid repetitive stress injuries. Also ... Trackball, vertical mice, trackpads, and even some mice shaped like larger pens are made. Consider how you use your mouse and, if you have pain, consider one of these options as well. There will be a learning curve ... and, yes, these do cost more. It could well be worth the savings on pain relievers.



Another alternative is the touch pad. There is a learning curve associated with this, but some find it more comfortable. Capacitive touch and other peculiarities of smartphones / tablets that make finger temperature or humidity a factor do not impact desktop or laptop touchpads. Worth a mention if you are looking for a new mouse – cordless is nice, but it is possible to have increased latency (time lag) between mouse movement and the time the cursor moves on the screen.

- Spending a bit more when buying a Bluetooth mouse can increase quality / decrease latency.

- Making sure your mouse battery is not depleted also helps performance. “Wired” mice take power from the host machine, so this is only a consideration with wireless mice. Most mice are now optical, meaning they use light rather than a ball for movement. They do not require a mouse pad (the old “ball” mice often did to ensure consistent surface) but can react differently when placed on more reflective surfaces. If your cursor seems to be “jumpy”, try putting a clean sheet of paper under it to mute some of the reflection.

Mouse choice, as with all input devices (keyboards, microphones, etc.) is very personalized. Don’t believe it when someone says, “anything works”. It’s your comfort that counts.

Next quarter we will discuss: Cords, Voice, Sound, and other hazards. □

Need to email a big file? Try Firefox Send

By Steve Shank, Board of Directors and Steering Committee, Golden Gate Computer Society, CA

April 2019 issue, GGCS Newsletter

www.ggcs.org

editor (at) ggcs.org

Almost all email providers have a size limit for attachments. If you need to send someone large files too big for email attachments, or you want to encrypt the files for privacy, Mozilla is offering a better, easier way to do this compared with uploading to Google/Dropbox/etc., then following up afterward with the recipient to see when it is okay to delete the files from where they were temporarily stored.

Go to send.firefox.com using any browser; it does not need to be Firefox. No need to



From the Cashier's Cage

Financial Report for Month
Ending September 30, 2019

CHECKING

Beginning Balance	September 1, 2019	682.47
Barbara Mead – September snacks		(10.00)
Snack fund – September donations		22.00.
New Member		
Joe/Eleanor D’Amico		25.00
Ending Balance - Includes \$157.80 Snack Fund		
Balance		719.47
SAVINGS		
Beginning Balance	September 1,2019	404.47
Interest		.08
Ending Balance		404.55
Total Account Balance	September 30, 2019	1124.02

signup if your file(s) are less than 1GB per transmission. If you do sign up, the limit goes up to 2.5GB per upload. Your files are uploaded to the cloud and disappear after X downloads or X minutes/hours/days.

You receive a link you can email to the recipient. If you choose to encrypt the file, you also need to provide the recipient the password, preferably using a separate channel (phone, text, etc.)

Club Meeting Minutes September 26, 2019

President Dan Douglas opened the meeting at 2:00 p.m. Board Members present were Secretary Harry Pearson, Treasurer Irene Nelson, Webmaster Curt Potsic, Journal/Learning Center Ron Ingraham and Membership Chair Linda Glassburn. Vice President Larry Bennett was absent. Attendance was 16

President- Dan did not have a report.

Journal/Learning Center –Ron said he did not have a report

Secretary – Harry said he did not have a report as he had not attended the August Meeting.

Treasurer - Irene gave the Financial Report.

Webmaster –Curt read his report

The Program was a discussion of the latest factors in Artificial Intelligence by Jeffrey K Gilchrist.

The Drawing followed - the main prize was a \$10 Gift Card for Walmart.

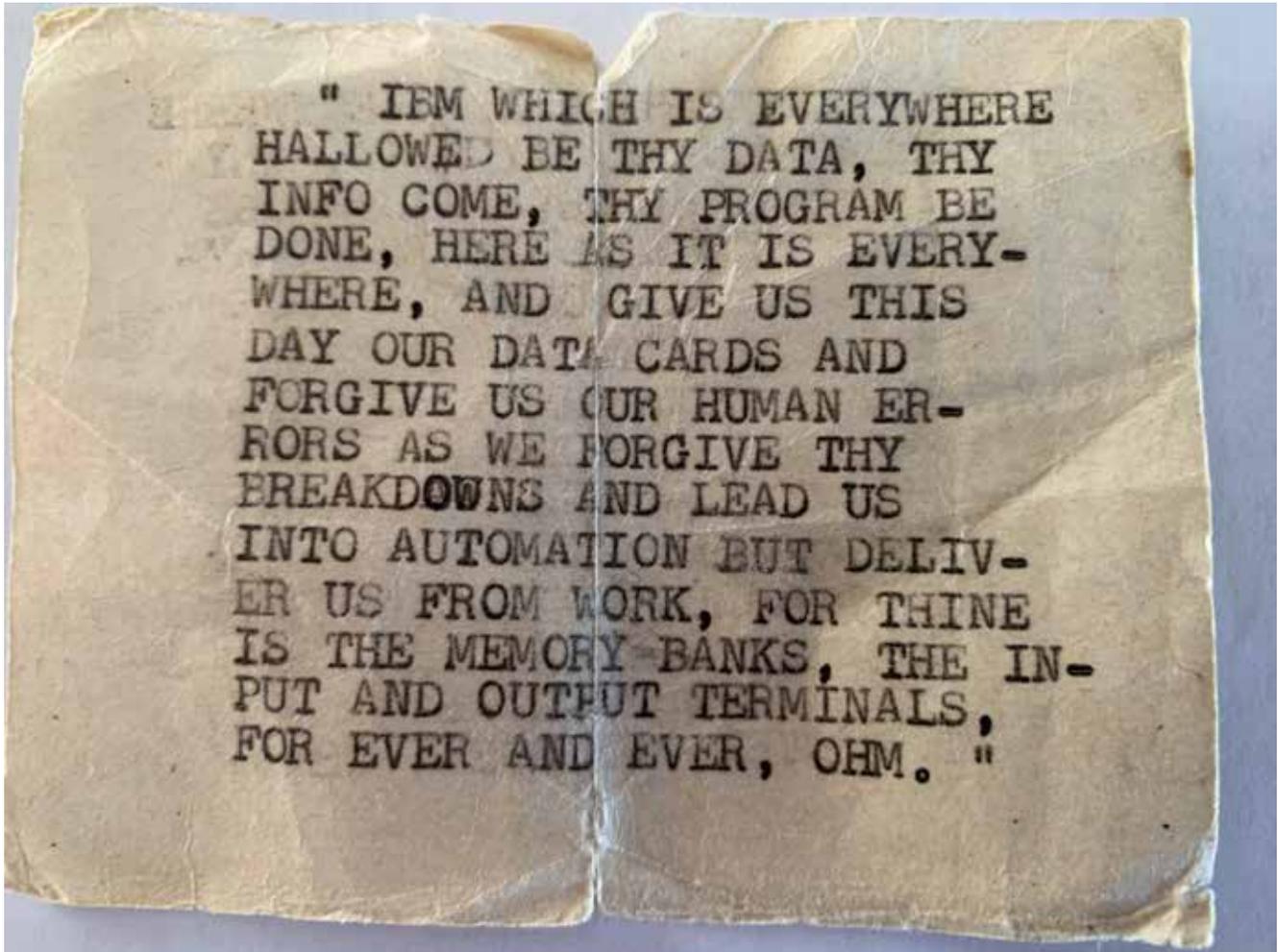
There was also a virtual reality device and an assortment of packets of popcorn

3:45 p.m.— Adjournment



Dan's Desk

And now for something completely different; This month I'll discuss my heritage with computers that I apparently come by honestly. The idea for this came to me while cleaning out my bed side table today. I had a box, as I'm sure you all do too, that contained a bunch of keepsakes and mementos from my life. One of the items that I came across was a small piece of paper 4" x 3" slightly faded that had been typed on a typewriter.



My Uncle Ernie gave this to me back in the mid-1970's when I had decided on a career in Data Processing; that's what we called working in the Computer Business before the term Information Technology was used. Ernie, who was probably in his 70's at this time, had worked for one of the largest banks in Canada, as well as some time for IBM Canada, before moving to Sarasota to own a motel as his retirement job. I can't remember all of the details of the story that went with this little note, but I do remember that he had a lot of experience in moving from a very labor intensive teller job at the bank, to the beginnings of computer automation as used to handle daily bank transactions and check processing. During his working career and my early years, IBM was the overwhelming manufacturer and supplier of mainframe computers and software used by all large companies of the day.

I remember my Grandmother telling me how my Uncle Jim had been helpful in getting jobs for both Ernie and my

grandfather at IBM around the 1930's – 1940's. Jim was a Vice-president of IBM, who managed their operations in Canada and worked closely with T. J. Watson who had founded IBM. In the 1980's a friend passed along an IBM songbook from 1938 or so that he found in the IBM San Jose facility library. IBM used to have a tradition of having social meetings where employees were required to attend and they had songs made up about each of their top executives, set to popular tunes of the day that described the great business smarts that they each had, that everyone sang along to! In this old songbook was a song about my Uncle Jim. Unfortunately I don't know where I stored it, but I must have it somewhere. I remember very clearly how whenever Jim came to visit, I had to pour him his shot of whiskey and he would tell me his IBM work stories. He used to travel a lot to Europe and had many pictures taken on board the big cruise ships of the day going between New York and England.

The other item that I found was a desk box I got from my grandfather.



This is a steel engraved box about 8" x 4" x 1" with a felt bottom. The top is engraved with a scene of the street showing the headquarters building of IBM in White Plains NY, I believe.

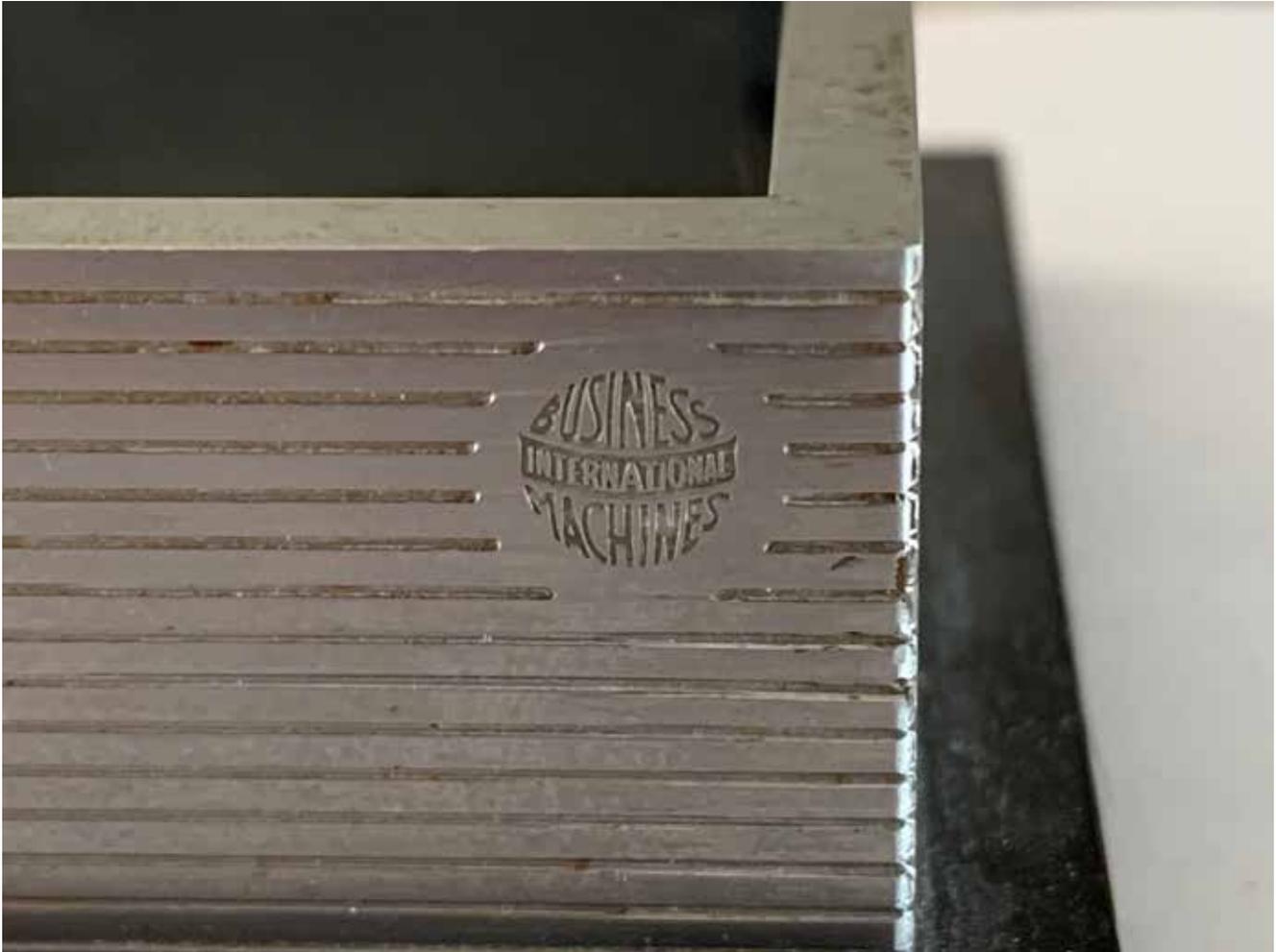
Continued.....page 8

Dan's Desk.....from page 7



This is the box open, showing an engraved picture of the IBM Country Club, my grandfather's name in the front and the old style IBM logo in the right corner. There are two compartments for storing paper clips or whatever.





According to my grandfather, he had something to do with procuring and/or setting up the company country club, which must be the one in Toronto for IBM Canada and not the one on the box, although I believe that's why he got the box. I also have a US 1920 something silver dollar money clip, that has his name on it with the name of some IBM class he attended.

All I got from my limited time working for IBM was free shirts!

If you have suggestions for topics that you would like to see explained, please let me know!



Webmaster Wanderings

Jere's Tech Tips -

Windows, Android, Linux tips from Jere Minich, Advisor, Region 5 (AL, FL, GA, SC).

New items include:

5 Popular Firefox Extensions You Should Remove Right Now;
 5 Fastest and Free File-Sharing Apps to Transfer Large Files Online;
 All the Useless Windows 10 Features Microsoft Should Remove;
 22 Hidden Chrome Features That Will Make Your Life Easier;
 How to Use Windows 10 Dynamic Lock to Secure Your PC;
 17 Google Maps for Android Tricks That'll Change How You Navigate, etc. <http://apcug2.org/jerestips/>

2 New Links

CNET-Latest Tech News, Commentary, Analysis, Features, FAQs, Advice, Hands-On Product Reviews, Buying Guides, Amazing Photography and Fun/Informative Videos. Also has categories on Smart Home, Cars, Deals, and How To. <https://www.cnet.com/>

[General Information Links page \(http://www.scpcug.com/infolink.html\)](http://www.scpcug.com/infolink.html) - [Miscellaneous Links](#)

CNET tells you what's new in tech, culture and science, why it matters, how it works and what you need. Global team works 24/7 to explore and explain the changing world around us.

ZDNet-Technology News, Analysis, Comments and

Product Reviews for IT Professionals. Categories include: Videos, 5G, Windows 10, Cloud, AI, Innovation, Security, etc. <https://www.zdnet.com/>
[General Information Links page \(http://www.scpcug.com/infolink.html\)](http://www.scpcug.com/infolink.html) - [Miscellaneous Links](#)

ZDNet brings together the reach of global and the depth of local, delivering 24/7 news coverage and analysis on the trends, technologies, and opportunities that matter to IT professionals and decision makers. Whatever your role in the IT buying cycle, ZDNet provides support -- from investigating options to optimizing a solution. Whether you want to follow hot topics or emerging trends, or keep up to date with the latest news and events, ZDNet is the destination for professionals seeking to research technology-related issues, and solve business technology problems.

Misc Items

Comcast Enters the Streaming Wars

There was HBOmax, Netflix, AppleTV+, and Disney+. Now, Comcast is entering the video streaming wars. This new streaming service will be called "Peacock," a nod to NBC's logo, and launch in April 2020. Peacock's pricing has yet to be revealed but it will be free for Comcast cable subscribers. NBCUniversal is aiming to have a library of 15,000 hours of content at launch. Some of the new offerings include: Saved by the Bell and Punky Brewster reboots, A Battlestar Galactica adaptation, and a series based on Aldous Huxley's Brave New World starring Demi Moore. NBCUniversal has also pulled some classics from Netflix like "The Office" and "Parks and Recreation" when those shows' current Netflix deals expire toward the end of 2020.

Apple TV+

Apple TV+ is Apple's new video streaming service scheduled for launch in November at \$4.99/month and will launch globally in over 150 countries. Apple has plans to spend \$6 billion for original shows and other content. HBO only spends about \$2 billion/year. By comparison, Netflix will spend about \$15 billion. Apple is considering offering the first three episodes of some programs, followed by weekly installments. Netflix likes to release whole seasons at once for bingeing. HBO and Hulu often release episodes weekly.

New Update Experience Coming For Windows 10 Users

Microsoft’s Win 10 quality control problems continue. Just this month updates broke Search, the Start Menu and caused USB and audio problems. Microsoft will soon be making changes to the Win 10 update experience. Users will be warned which updates they do not need to install. The problems mentioned above along with screen discoloration & spiking CPU usage were all caused by updates users didn’t need to install. This change in the update experience hopefully will help make Win 10 more stable. It appears MS is reverting back to what has worked for Win 7. In Win 7 updates are sorted into ‘Important’ and ‘Optional.’ Users can then decide what they want to install. That choice was scrapped for Win 10 resulting in lumping all updates together and thus causing quality problems. Note however that Win 10 users will not get this optional update control until Spring 2020 upon the release of the 20H1 upgrade.

Amazon Hardware Event

Amazon unveiled its latest devices & services Sep 25 at its Seattle headquarters. Amazon is still the dominant player in the US smart speaker market. Its installed base of US smart speaker ownership rose to 76 million in Q2 of 2019. Amazon Echo had a 70% market share. Globally, Amazon had a 25.4% market share with 6.6 million devices sold. The Echo Show family now added a 8” HD display. It’s available for pre-order for \$129. A new Echo Dot has an LED clock display and is available on pre-order for \$59. A new Echo Studio brings 3D audio to your living room for \$199 on pre-order. A Smart Oven available for \$240 on pre-order comes with an Echo Dot. It has everything the Smart Microwave has, plus voice control and features for convection cooking and an air fryer. There is also a new Ring Stick-up Camera for \$59.99 on pre-order that works indoors & outdoors. It can run off its battery, plugged into a wall or from a solar powered accessory and has 1080p HD video, motion detection & night vision. □

A few of my favorite things (aka websites)

*By Lou Torraca, President Emeritus, The Tug – MOAA
User Group, HI*

August 2019 issue, The Tug Newsletter

www.the-tug.org
editor (at) the-tug.org

Time for an update of My Favorite Things...can you hear Julie Andrews singing the song: Raindrops on Roses and Whiskers on Kittens; Bright Copper Kettles and Warm Woolen Mittens; Brown Paper Packages tied up with Strings, These are a few of my favorite things.

We all spend lots of time on the ‘net, but the sheer size of it makes it hard to find lots of neat places unless someone tells us, so, I’ve made a list of some of my favorite things (aka web pages) and I’ve added a few brief comments on each, but you really need to go there yourself and see what’s there and in some cases try out the program.

<https://alternativeto.net>

It’s really easy to find any alternatives for a software program that you don’t want to spend big bucks on when you use the search function at this website.

<http://www.nasa.gov>

Hard to beat this one for kids of all ages. Lots of great information and images, things to do and games for everyone.

<http://www.wpclipart.com>

This is where some of the clipart you see at the top of this column comes from. The owner, Mr. Paul Sherman has posted them for public use, free of any restrictions. So, feel free to use them in your letters, e-mails or whatever. Thanks, Paul!

<http://www.musipedia.org>

The folks at Musipedia are busy building a searchable, editable, and expandable encyclopedia of tunes. And you’re invited to take part in the action. Their Melodyhound can find a tune even if all you know is the melody. Or, see the next one.

<http://thenostalgiamachine.com/>

Pick a year and you will get a list of that year’s hit to listen to

<https://www.popularmechanics.com/>

Pretty much anything you can think of is probably on this webpage!

Continued.....page 12

A Few of My Favorite Things....from page 11

<https://radio.garden/listen/wpkn/e01D4oHy>

This is one you will love. Search the globe for radio stations anywhere in the world!

<http://www.merriam-webster.com>

If you do any amount of writing, whether for the office or just e-mails, I'd be surprised if you haven't found this one, which, along with the Encyclopedia Britannica are essential tools.

5

<http://twitter.com>

After blogs, this one was inevitable...you "twitter" (yes, it's a verb) by answering the question "What are you doing?" in 280 characters or less. It looks like more of a fun thing than a serious one as you can see from the example of how little 280 characters is.

<http://www.gcflearnfree.org>

This page is an incredible online learning site from the Goodwill Community Foundation. On the site, there are thousands of video lessons covering 125 topics, taught by professional educators. Topics are geared to everyone from kids, to college students, to people who want to learn English, or even adults who need to beef up on job skills, like learning to write a resume or using Microsoft Office.

<https://www.travelblog.org>

This is a place where you can write an ongoing blog documenting your travels. It's a great way to share stories and chronicle your trip.

<https://www.afi.com>

Here you will find an amazing amount of information about films you have seen or wanted to...complete story lines, a list of the top 100 films and lots more to explore. If you are a film buff, you will love this site.

Hope you enjoy exploring these; have fun out there on the www, but remember to be safe! Aloha, Lou ☐



Interesting Internet Finds - June 2019

By *Steve Costello*

scostello (at) sefcug.com

Find Free Images with CC Search

<https://lifehacker.com/find-free-images-with-cc-search-1834442069>

Even though I no longer edit a newsletter, I am still looking for images I can use for free on my blogs. This post explains what is available from CC Search and how to filter to get the most relevant results.

How Much RAM Does a Chromebook Really Need?

<https://www.howtogeek.com/413556/how-much-ram-does-a-chromebook-really-need/>

My granddaughter just graduated from High School and is planning to start college in the fall. She has been using a Chromebook at school since 6th grade. She is going for the college orientation in a few weeks and will find out what she will need there. If it is a new Chromebook, this post provides information to get her a new Chromebook at the best level and pricing. It is worth checking out even if you are only getting a Chromebook for yourself.

What You Need to Know About DuckDuckGo

<https://www.groovypost.com/howto/what-you-need-to-know-about-duckduckgo/>

This post is one of the most informative I have seen regarding the DuckDuckGo search engine. I have been using DuckDuckGo exclusively for a while now, even on my Androids as the default search engine. Check this out and then make DuckDuckGo your default search engine too.

Make Google Calendar More Useful with These Free Calendars

<https://www.maketecheasier.com/make-google-calendar-useful-with-free-calendars/> ☐

Crowns and Computers

Author: Maryellen Amato, M.D., Member, ICON Users Group, MO

July 2019 issue, The ICON Newsletter

Meamato76 (at) gmail.com
www.iconusersgroup.org

Like most professions, dentistry has been deeply impacted by computer technology. Many dentists, for example, have been using digital x-rays. Several months ago in an article entitled Musings on Medicine, I discussed the advantages of using digital radiography, including quicker imaging times and decreased radiation.

Another major facet of dentistry that has been affected by computers has to do with the way dental crowns are made. A crown is a small prosthetic cap that fits over an entire tooth to restore its strength and appearance. A crown may be necessary for a variety of cosmetic and/or functional reasons. A tooth might require a crown if it is broken, racked, heavily decayed, worn, damaged in some way, or compromised by a root canal.

I had a number of crowns made back in the “old days” before the advent of computers. A tray of gooey putty was placed over my teeth for a few minutes and then the impression was sent off to a distant lab where the permanent crown was made. In the meantime, for the next two weeks I had to endure a fragile temporary crown.

All that has changed with CEREC-3d CAD/CAM. CEREC stands for “Chairside Economical Restoration of Esthetic Ceramic Crowns.” CAD/CAM stands for “computer assisted design/computer assisted manufacturing.”

CAD/CAM has been used in industry for many years, but dental CAD/CAM applications were not available until the 1980s, and CEREC technology has only become popular in the last decade.

My dentist, Mr. Jeff, DD, was one of the first dentists in Springfield to embrace this technology approximately 10 years ago. He has made several crowns for me with this technique, and it was so much easier than the old method – and much faster, too. Instead of taking two visits and two weeks to get the permanent crown, it only required about two hours total in one visit to have the new crown made and placed in my mouth.



Ceramic tooth material

This computer data is then transferred wirelessly to a milling instrument that carves the crown out of a block of strong nonmetallic ceramic material. A block of a harder material is chosen for back teeth because they are subjected to stronger grinding forces. The milling machine (about two feet long by one foot wide) takes up to 30 minutes to make the crown, which is then bonded into place in the patient’s mouth.

This method is so precise that there is virtually no risk of damage to adjacent teeth. My crowns also have a very natural feel because they are customized to my bite. They blend in well with the rest of my teeth and look and feel natural.



The milling machine used to make crowns using CAD/CAM technology.

Dr. Jeff estimates he has made approximately 3,000 crowns using CEREC CAD/CAM. Currently only about 20% of dentists in the Springfield area have this technology, so if you need a crown, be sure to check if it is available at your dentist’s office and ask how many crowns they have made using it, since like everything else with computers there is a learning curve.

In summary, I am very lucky that my dentist is on the cutting-edge of dentistry and that he could offer me this computer-based technology. I can attest from my personal experience that it is definitely easier, faster, and more accurate than the old method of creating crowns. □

Tom's Tech-Notes

Free Windows Programming Tools Visual Studio 2019 Community Edition

Author: Tom Burt, Vice-President, Sun City Summerlin Computer Club, NV

July 2019 issue, The Gigabyte Gazette

www.scscclb.club
tomburt89134 (at) cox.net

Most of our club members are content to simply use software programs that are provided with their computer's operating system, or programs that they purchase or download for free. However, a few may wish to have the freedom and flexibility that comes with being able to create your own custom programs to do some specific function or to use a preferred user interface. Programming an application for Windows can be daunting because so much of the coding effort goes into managing the screen, keyboard and mouse interactions.

For several years, Microsoft has been providing a free version of their Visual Studio developer tools called "Visual Studio Express" or, recently, "Visual Studio Community Edition". The newest version is "Visual Studio 2019 Community Edition". It includes the Visual Basic.Net, Visual C#.Net and Visual C++ languages, an extensive set of built in interactive components, plus an Integrated Development Environment with debugger and Microsoft's "Intellisense" assistance to make Windows programming easier than ever. It is designed to run on the Windows 7, 8.1, and 10 desktops. It can create many types of applications, including traditional desktop apps, "Modern/Metro/Universal" apps, web applications and even apps for Android and iOS mobile devices.

You can download Visual Studio 2019 Community Edition at the following hyperlink:

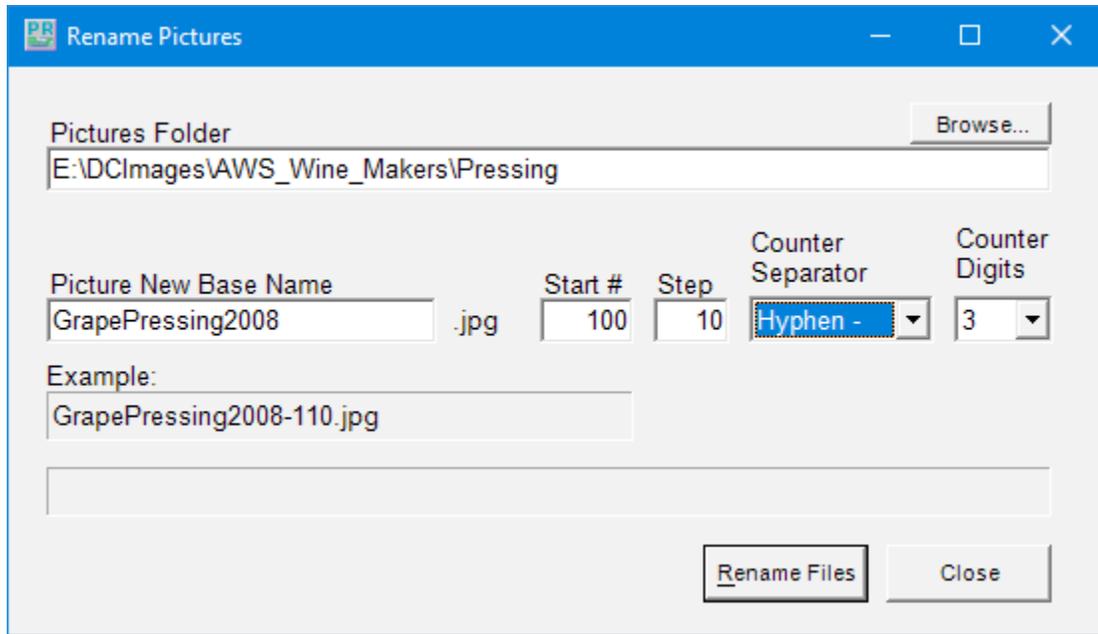
<https://visualstudio.microsoft.com/vs/>

Space here doesn't allow me to even scratch the surface of programming in Visual Studio, which uses the ".Net" framework runtime environment. However, for those interested, I've built PictureRenamer.exe, a simple bulk picture renaming tool using VB.Net 2019. I use this tool often to rename a set of images in a folder to something more meaningful than the "Img-nnnn.jpg" names that come from my cell-phone camera.

The picture renamer program lets you select a folder of images, set a base name, a starting number, a step increment, a separator pattern and the number of digits to use in the sequence number to use for the resultant file names. As these settings are changed, an example of the resultant file name is displayed.

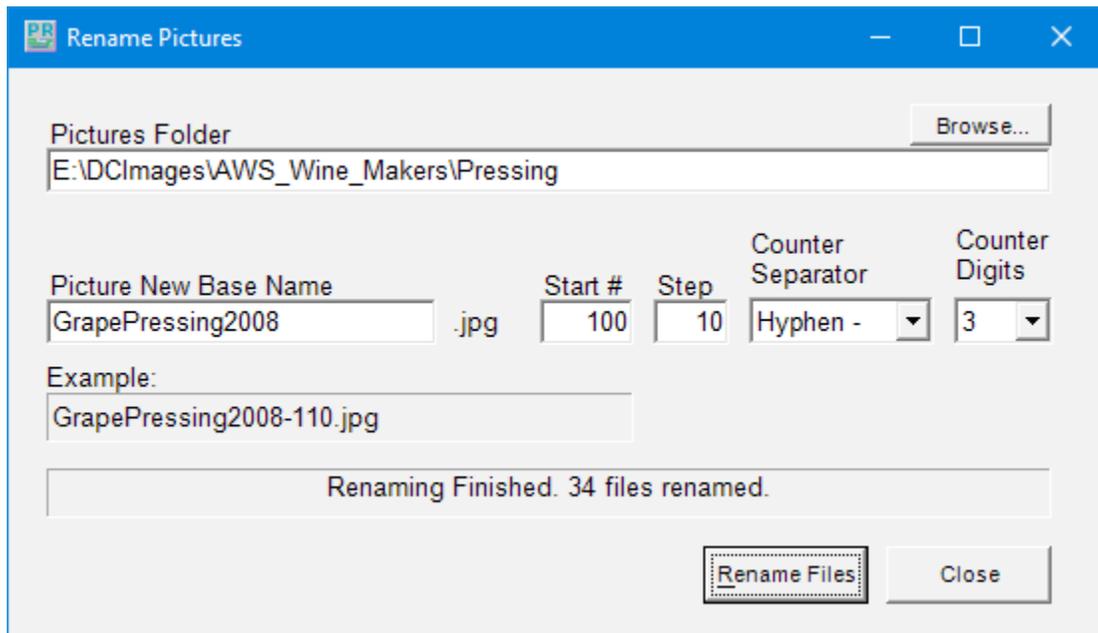
When the rename settings are suitable, the user clicks the "Rename Files" button and the program sets about renaming the image files in that folder. A file is considered an image file if its suffix is: .jpg, .png, .bmp or .tif. Files with other suffixes are ignored.

See the following screen shot to get an idea how this actually looks.



Picture Renamer Set Up to Perform Renames

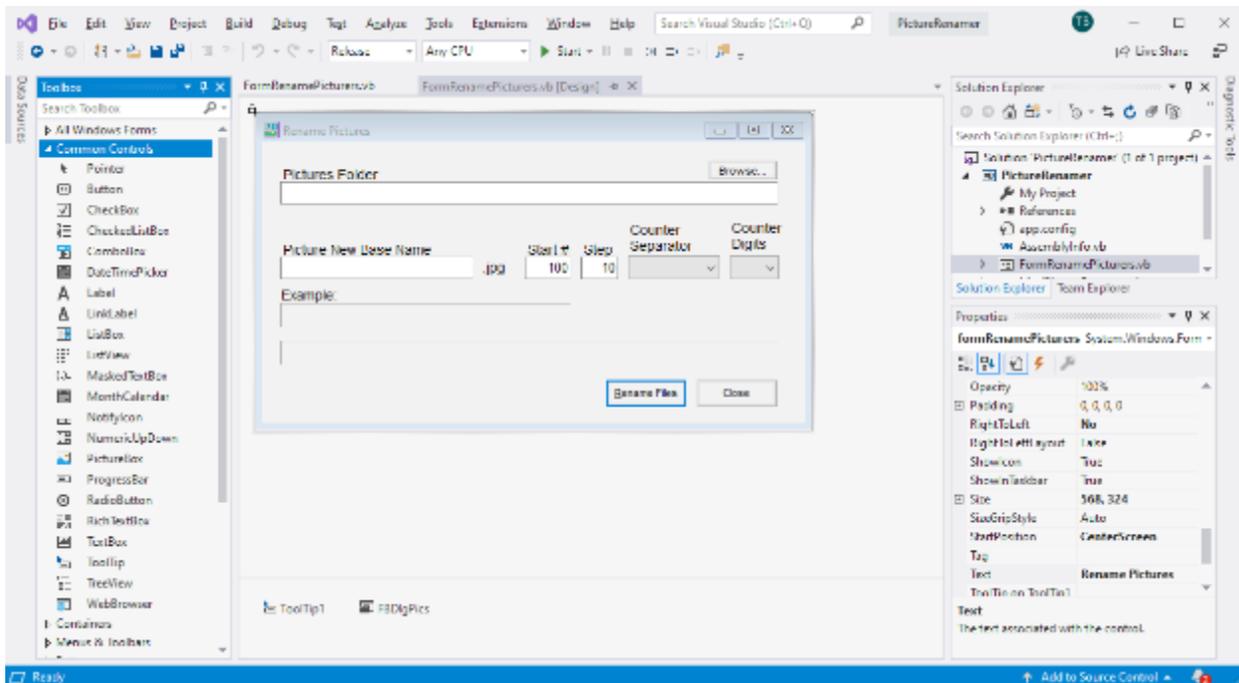
After the user clicks the “Rename Files” button, the program renames the qualifying image files in the folder using the base name, separator and successive sequence numbers.



Picture Renamer After Run

The Picture Renamer program is implemented as a Windows Desktop application. It has only a single screen. The “Browse” button opens a standard Windows “Select Folder” dialog that allows the user to pick the folder whose images are to be renamed.

To view or edit the program’s project file and source code, you must first have installed Visual Studio 2019 Community Edition. Double click the PictureRenamer.vbproj file in the extracted set of files. From there you’re off and running.



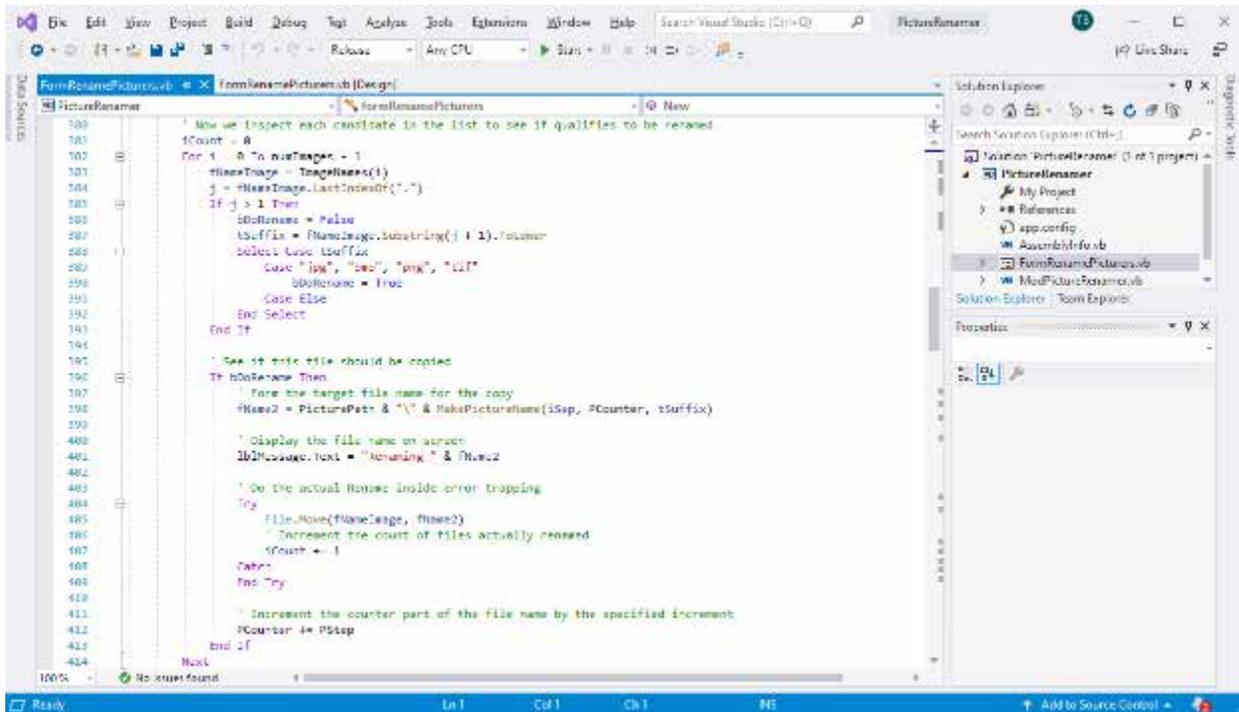
Visual Studio 2019 Developer Interface – Design View

In the Design view, the program’s window appears as it would look when it is running. The developer can drag and drop Windows “Controls” (buttons, text boxes, check boxes, labels, dropdown lists, ...) onto the program window and then set their properties by dragging with the mouse or by typing into the control’s property sheet. Controls can be given meaningful names (e.g. btnRenameFiles instead of Button1) to make the underlying program code easier to understand.

Once the program’s window is laid out nicely, with all the controls properly sized and aligned, the developer moves to the Code view and enters the program code needed to operate the user interface and perform the application’s functions. When a user clicks on or types into a Control, that action is converted by Windows into a message that is sent to the application indicating which Control was acted on and what type of action it was (click, double-click, keypress). Each such message is received by the program and converted by the .Net runtime to a function call to an event handler. The developer codes event handlers for actions he/she wants the program’s UI to respond to in some special way.

In this example, the *key* action is the user clicking on the “Rename Files” button. That action triggers a Click event that is sent to the Click handler function for the “Rename Files” button. That Click event handler function executes a sequence of VB.Net code instructions that carries out the actual series of file renames for the image files in the designated folder. In the programming world, this is called an event-driven, object-oriented model.

The following screen shot shows the code window displaying the key VB.Net code loop that does the image file renames. You can right click on it and choose “Copy Image” to copy the screen shot to an image editor like MS Paint to view it in more detail.



```

100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931
932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
959
960
961
962
963
964
965
966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984
985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000

```

Visual Studio 2019 Developer Interface – Code View

I've uploaded the Picture Renamer program to the club website as a .zip file. The direct hyperlink is: <http://www.scsc.org/smnr/PictureRenamer.zip>. Just click the link or copy and paste it into your web browser's address bar. Your browser will download the .zip file to your PC's hard drive. If you're interested in getting the source code and project files, send me an email at tomburt89134 *at) cox.net and I'll send you a .zip file with the complete package.

Unlike many Windows programs, the Picture Renamer does not need to be *installed*; just copy it to some folder on your hard drive To *run* the Picture Renamer, just double-click on the PictureRenamer.exe file. To make a desktop *shortcut*, left click the PictureRenamer.exe file to select it, then right-click to bring up a context menu. Choose "Send to" and then "Desktop (create shortcut)". □



File Explorer – Files, Folders and Beyond!

Author: Phil Sorrentino, Contributing Writer, The Computer Club, Florida

July 2019

www.scccomputerclub.org

Philsorr (at) yahoo.com

File Explorer is an integral part of Windows 10. You might have even heard that it is the “Keys to the Kingdom.” File Explorer, as you probably know, provides the ability to work with, and manipulate, the Files and Folders on your computer. Files are the basic elements that we collect and use. Folders are the infrastructure that we create to allow us to manage the store house of knowledge that is in the collection of files. So with File Explorer you can create new folders to organize your data. You can Move or Copy files and/or folders to new locations. You can even examine the properties of a file or folder. And File Explorer is the component of the Operating System that provides a Graphical Interface so we don’t have to remember any arcane commands for a command line interface. These basic features have been available as long as File Explorer has been part of the Windows Operating System (circa the hazy past when Windows 95 was new).

A File Explorer window provides a lot of information about your computer. There are three main areas of interest in the window, the (context sensitive) Ribbon, the Navigation pane, and the Contents pane. (Yes, I know you can add a third pane to the right of the Contents pane which then provides further information about the item selected in the Contents pane, but that’s just icing on the cake.) The Ribbon provides the set of tools that can be used, based on the selection in the Navigation pane and the Tab (above the ribbon) selected. The Navigation and Contents panes are below the ribbon, Navigation on the left, and Contents on the right. These two panes allow you to review and modify the collection of files and folders on your computer. When you highlight an item in the navigation pane, the contents thereof are shown in the contents pane. This allows you to easily move or copy items using “Drag and Drop”, always moving items from the right (Contents pane) to the left (Navigation pane). Of course you can also use the keyboard commands for Cut (Ctrl-X), Copy (Ctrl-C), and Paste (Ctrl-V) to accomplish the same move or copy.

When you first open a File Explorer window, it will be focused on the Quick Access area by default (unless you have attended the File Explorer class and have made the suggested change to focus on “This PC.” This can be done by selecting the View Tab and then clicking on the “Options” button, choosing “change folder and search options, and finally selecting “This PC” in the popup window). Focusing on Quick



Access doesn’t provide many new features, but if you change the focus to “This PC,” either manually by clicking on “This PC,” or making the change described above, you will have the ability to get to some useful areas.

Here are the controls you will have available when you focus on “This PC” It is

probably obvious that “This PC” is your computer, whereas, Quick Access is quite different. Quick Access is an automatically populated list of recently accessed files and frequently accessed folders, which will probably change automatically, over time. (This may lead to confusion if you get used to using Quick Access because of the fact that its contents may change without your provocation or knowledge.)

The first item that is available on the ribbon is “Properties.” Click it and you will see information about your computer’s Hardware and Software. Yes, this is the Control Panel’s System page, but now it is easily available whenever you have a File Explorer window open. Next on the Ribbon are Network features. If you have a home network of computers this can be helpful, if you don’t have a network move on to the System group. Here you can immediately get into Settings by clicking on “Open Settings” (this is probably not terribly valuable because Settings can easily be accessed via the Start button which is always available on the Taskbar). The next item in the System group may be more useful; it is “Uninstall or change a program.” This is a quick way to get to the App option in Settings. Here you will see a list of all of the Programs (Applications) installed on your computer. This is where you can Uninstall a program or possibly modify its operation. The next item, “System Properties” is another choice from Settings; the “System-About” screen This screen shows the Hardware (Device Specifications), gives you the ability to “Rename this PC,” and provides a summary of the Security features being employed by Windows, such as “Virus & Threat Protection” and “Firewall & Network Protection.” Clicking “See details in Windows Security” immediately gets you to the Windows Security page in Settings.

The last item in the system group is Manage. This provides entry to “System tools,” “Storage,” and “Services and Applications.” I know you can get there via the Control Panel by selecting “Administrative Tools,” and finally selecting “Computer Management,” but this is a much easier way to get to these areas. System Tools includes a few useful tools like a Task Scheduler and Performance monitoring tools. Storage provides “Disk Management” which allows you to look deeply into your hard drive partitions. This is a place you may only want to view, and not try to change anything unless you have very good directions and the phone number of someone who can get you out of any trouble, should you get into trouble. The last area is “Services and Applications” which provides a view into the “Services” that are part of Windows 10. Services are software programs that are part of your system. The Services view shows you all the many Services and whether they are running or not. This view allows you to change how some of the services are started and how they run. This area should mostly be considered Off Limits, again unless you have very good directions for a particular change. (And you may someday find yourself in this area if you’re trying to troubleshoot a strange problem, but most of this should be left to someone with a lot of “under the hood” experience.)

All of the tools mentioned so far are available because “This PC” has been selected in the Navigation pane, and the “Computer” Tab was selected. (Remember that the ribbon is context sensitive; meaning that, based on the selection in the Navigation pane and the Tab selected, certain tools will be available on the ribbon). So, there are other tools that are specifically for use with your disk drive that become available on the ribbon when you select your hard drive, typically the C: drive in the Navigation pane and then choose the “Drive tools” tab. Here you will find tools for Optimizing, Cleaning Up, and Formatting disk drives. You may not use these tools very often, but when you need them they will be easily found File Explorer’s ability to organize and access our data with all of these tools and features, guarantees it will continue to be the “Keys to the Kingdom.” □

Musings on Medicine and Computers

Author: Maryellen Amato, M.D., Member, ICON Users Group, MO

April 2019 issue, The ICON Newsletter

www.iconusersgroup.org
meamato76 (at) gmail.com



When Mary Phillips asked if I would be willing to write an article for the ICON newsletter, I didn't want to say no, even though I was a newbie. After all, Mary had done so much for me. When I attended the Mercy Seniors' Computer Course last year, she sat next to me, guiding me on my journey into Windows 10 which I had never before used. She was forever patient and encouraging.

Mary also introduced me to the ICON meetings at our local libraries, and I soon joined ICON and tried to attend as many of the meetings as I could. Month after month I would observe Mary arriving early and staying late, lugging equipment and paperwork in and out of these meetings, using her time and skills as a top-notch teacher to lead and guide our group into new worlds of technology. From Mary as well as from our guest speakers, I learned about things ranging from genealogy to drones.

I did not want to admit to anyone that I had worked with computers for many years in a limited setting. You see, the computers that I used at the hospitals or out-patient facilities where I worked had already been purchased, set up, turned on, and preloaded with the programs and apps that we needed to use. In addition, there was a group of savvy computer information technologists at our beck and call if there was ever a question or problem.

So what can I, someone with somewhat "limited" computer experience, discuss in an article?

That got me thinking. Since I am trying to cultivate an attitude of gratitude, I thought I would share my gratitude for computers in Medicine, which have changed all of our lives, mostly for the better.

When I started medical school in 1977 (Case Western Reserve University in Cleveland, Ohio), we had a refrigerated room full of large bulky computers tucked away somewhere, but we never worked with them. If I wanted to better understand something or look something up – in medical school or in my early years of medical practice – I had to make a mad dash to the medical library to search for a book that might have the information I might need. (...and I would be praying that book was not checked out!)

As I progressed in my studies and years of experience as a diagnostic radiologist, my mad dashes became less frequent, but occasionally a disease we didn't see too often or a pressing question caused me to hit the books. This was especially difficult when I was on call in the middle of the night, the only physician available, and was even worse if the medical library was locked. It was also very time consuming and took me away from my patients.

Voila! The biggest benefit of having a laptop or an iPhone connected to the internet was that medical information was now at my fingertips. The mad dashes to the library became things of the past.

In addition, when I was on call at night, for most of my career, I would have to physically be present at the hospital or drive in from home at 3 a.m. or whatever ungodly time I was called. Now I could sit in front of a computer screen at my home and call up the x-ray images I needed to read. I did not even have to get out of my pajamas or bunny slippers to make the harrowing drive through fog, ice, and snow.

Computers also translated into great benefits in a number of other helpful ways. When I started my career, patient requisitions for imaging tests were written out by hand and had to make it down to the X-ray department. Imagine the frustration we felt when we got a requisition for a test "to be done TODAY" at 6 p.m., particularly noting the

test was ordered at 1 p.m. Computers did away with these delays.

Our reports of completed tests also got out sooner. For many years, after interpreting an x-ray, I dictated my findings into a machine that was transcribed by a pool of transcriptionists. It sometimes took a couple of days for the report to be typed. Toward the latter part of my career, this time was chopped since we were now typing our own reports or using voice dictation algorithms. Signing a completed report was also much easier. Back in the day when each report was typed using carbon copies, if we altered a single word on the page (such as changing the word left to right, a critical change), the entire report had to be retyped for just that one word and sent back to the typing pool. That might cause a delay of an additional few days. Now we could just pull up the reports on our computer monitors, make changes ourselves, push the button, and send the report on its way immediately.

The way that x-rays were taken and stored also evolved during my career due to computer technology. We went from using film (like film in your old camera, only bigger and heavier film) to using digital images that were quicker to acquire and easier to store and retrieve.

With our old-fashioned x-ray film, we had to take time to put the films up on lightboxes and take time to sort through dozens of old films in heavy folders to search for comparison views so we could assess for new or interval changes. Sometimes those old films were even stored in the bowels of the hospital and we had to wait hours to get them, delaying our final interpretation. Even worse, sometimes the old films were lost!

I had a ruler, a magnifying glass, and a “hot light” sitting next to me on my desk. My “hot light” was bolted down, but sometimes someone would “borrow” my ruler or magnifying glass and I would become irate. These tools are no longer needed since computers come with their own measuring and magnifying tools, and the background and intensity of images can be “dialed” up or down. This also slashed the need for radiologic technologists to re-take films if an image was over or underexposed. This translated into less radiation for the patient as well as great time savings.

Many computerized imaging studies which we use commonly today were also either not in existence or only being dreamt of in the 1970s. This includes the CT scanner, invented by British engineer Godfrey Hounsfield (a Nobel Prize winner that I had the privilege of meeting). The “C” in CT stands for computerized – and CT is shorthand for computerized tomography. This allows for making x-ray slices of body parts, improving our diagnostic capabilities. Without going into all the computer detail and physics involved, let me simply say that this was revolutionary. Diagnoses are now made more quickly, more accurately, and often with less pain for the patient because of CT and computers.

When I started my radiology residency in 1981 at Washington University, it took an entire hour to do a CT scan on a patient’s chest. This meant that the patient had to hold their breath multiple times and the images were more likely to be degraded by motion artifact. In addition, only a limited number of patients could be scanned in a day and there was a waiting list so we scanned into the night hours. Today, it only takes a matter of seconds or less to scan someone’s chest (or other body part), so it can be done on a single breath-hold. It actually takes longer to get the patient on and off the scanning table than it does to do the scan itself! This means quicker diagnoses and increased patient “throughput.”

Virtually all of our current imaging modalities are dependent on computers, ranging from digital mammography to MRI (magnetic resonance imaging).

I have just touched the tip of the iceberg here, but I think you get the idea. Computers in Medicine have been extraordinary and they are here to stay, unless they are replaced by another technology that is currently in someone’s imagination. □

TidBytes from Sam I Am:

Sam Ginsburg, Secretary, IRCC Computer Club

Summary of October 3 Meeting

Ircccomputerclub(at)yahoo.com

Hello to All,

We had another informative meeting (I think), with folks asking questions and the snoring kept to a minimum. Thanks to Jack Wurst and Donna Switzer for their help and keeping me on track. For the free giveaway, you'll have to make it to the bottom of this lengthy email.

As usual, I had my Windows 10 Pro laptop and my Chromebook displaying on the screen.

We started the meeting with Sally Grissom reading us a text message conversation she had with her Facebook friend. Yes, the friend's name and picture were there. Yes, it referred to Sally by name. The friend wanted to spread the word that Social Security was giving away \$200,000 to everyone who asked. In fact, the friend even mentioned that they saw Sally's name on the payout list. Sally wisely ended the conversation before giving away information.

I mentioned that Heritage Isle residents were receiving suspicious emails. Folks: We're next. The bad folks know we're retired, we're gullible, they have our names, addresses, phone numbers and email addresses.

Windows 7 will stop receiving security updates in 3.5 months. Windows 7 will still work, but it won't be getting updates and you'll be more vulnerable to the bad folks than ever. What to do?

Nothing. This is the easiest solution, but certainly not a good one. Eventually, your additional software won't work, your computer will die a horrible death and take your pictures and files with it (unless you have them backed up.)

Upgrade to Windows 8.1. This will postpone the inevitable for maybe 3 more years. However, Sandy Selders says she thinks it's been pulled off the market. Any 8.1 you see on the Internet for sale could be fake.

Upgrade to Windows 10. The question is can your 5+ year old computer handle the demands of Windows 10? You can be brave and do the upgrade yourself, or take it to Data Doctors and let them do it.

Buy a shiny new Windows 10 computer. This is the safest Windows method and if you have been saving your data someplace, it should be easy to get it transferred to shiny/new.

Get a Chromebook and forget about issues for several years. If you are used to Chrome and have a GMail account, your Chromebook is almost ready to go as soon as you lift the cover for the first time. See this video about Chromebooks. Several folks in the room thought I wrote the script. https://www.youtube.com/watch?time_continue=171&v=DS0H0XDDotI

Get an Apple Mac. Your kids are probably itching for you to do this option. Do it only if they promise to support you and answer your calls for the next several years.

Email Education

Creating an email:

Figure out who you want to receive it. If it's a close-knit group and you want to collaborate, fine, use CC. If it's many folks, I recommend putting them in the BCC section instead of the CC section. BCC provides two benefits: A bit of privacy for the receivers (no need to tell them everyone's email address), and... if the receiver hits Reply All, the reply will only go to the sender, not to everyone else. This is how I send my Computer Club emails when I pay attention.

Don't use ALL CAPS. Capitalizing a word makes it shout to the reader. If you're really wanting to make the point, then capitalize a word or two, BUT NOT THE WHOLE EMAIL! Plus, it's harder to read All Caps.

Responding to an email:

Use Reply All only if you are collaborating. Otherwise, just use Reply. No need to fill up everyone else's mailbox. You don't like it; why should they?

Cellphone App Permissions: When you get an new app, or even your current apps, make sure the permissions make sense. For example, let's say you want a flashlight app. It should ask permission to use the camera and a few other items. But if it wants permission to view your contact list, that doesn't make sense. The app's developers will use your contact list for EVIL deeds.

Florida Drivers License Update: This is true. Beginning maybe October 2020, airport security will want to see a gold star at the top right of your driver's license. This is called Real ID. If you use your military ID or passport, this is not an issue.

Florida Drivers License Emergency Contact: This is also true. Let's say you get smooshed in your car and the cops need to call someone to let them know your status. Florida has a website where you can enter your emergency contacts. <https://services.flhsmv.gov/eci/default.aspx>

Email Address and Password Security: Would it be helpful to know if your email has been breached? Go to <https://haveibeenpwned.com/> You can also use this website to check how secure your various passwords are.

Password Managers: I know you have your password list within a few inches of your computer. Sandy Selders recommends Last Pass. VERY IMPORTANT: You must not forget the master password, and you might want to share it with your spouse/next of kin. It's free. <https://www.lastpass.com/>

Public Wifi: I forgot to show you the video of the person reading someone else's computer in Starbucks. If you must use your computer in a free wifi area (hotels, fast foods, department stores, etc.) use a VPN, and not a free one. Remember, software is not easy to write. The folks who offer free VPNs need to eat, too. They are probably selling your information.

Chromebook printing: Sandy Selders recommends you buy an app for your Chromebook called Printershare. It's around 99c and works.

Words with Friends: If you or anyone you know has played Words with Friends, I have a "word" for you:

HACKED. Yes, your name, email address and log-in ID are out there. https://www.consumerreports.org/data-theft/hacker-steals-data-on-users-of-words-with-friends/?EXTKEY=NWT9ATSA1&utm_source=acxiom&utm_medium=email&utm_campaign=20191003_nsltr_whatsnew_newsletter

Consumer Reports had a nice article about 30-Second Privacy Fixes: https://www.consumerreports.org/privacy/30-second-privacy-fixes/?EXTKEY=EE994IBAC&utm_source=acxiom&utm_medium=email&utm_campaign=20191001_cromc_engagewkly

Fox has an article about 5 Essential Steps to Protect Yourself from Bad Folks: <https://www.foxnews.com/tech/5-essential-steps-to-protect-yourself-from-hackers-and-online-criminals>

Finally, we talked a bit about air travel and TSA Pre Check vs. Global Traveler. Personally, I've been using my military ID card number when I'm making a reservation for air travel. For the first time, I didn't get pre-check last week. I'd already received my Global Traveler card and will be using that in the future. Global Traveler costs money, but it made it a breeze for Betty and myself to re-enter the US when we completed our cruise. It takes many months to get a card and you have to go in person to Sanford or Orlando airport.

And now...for the free gift. This is for anyone with the correct HP inkjet printer. I have 4 brand new, generic black 932XL cartridges and 1-each 933XL cyan, magenta and yellow cartridges. I also have a bunch of supposedly empty cartridges that can be refilled. First person to respond by email gets 'em.

That's enough!

Happy Computing,
Sam I Am

Make Life Easier with Office Templates

Author: Nancy DeMarte, 2nd Vice President, Sarasota Technology Users Group, FL

August 2019 issue, STUG Monitor

www.thestug.org
education (at) thestug.org

It never hurts to make life easier, especially when we have necessary tasks to do. Recently, I revisited an old, but underused feature of Office: Templates. I was surprised to find many new templates and easy ways to search for, create and personalize them.

What is a template? It is a predesigned document that you can customize. You provide content like text or pictures within a professionally designed structure. Most templates include guided instructions within the template. Office templates cover a range of different purposes: business or personal cards, brochures, flyers, calendars, and more. Templates are available in Word, PowerPoint, Excel, and Publisher in both the Windows and Mac Office suites.

I was looking recently for a new design for my personal cards. When I opened the Word application, I saw several templates next to and below Blank document, with many more available free online.

I typed ‘Personal Cards’ into the **Search box** and pressed Enter to reveal a collection of card templates. I chose one called “Earth tones business cards” and clicked it. Then I took a few minutes to read the descriptive details and wrote down the card size and product numbers for card paper compatible with my cards. Finally, I clicked Create to open the template.



Customizing this template was easy. I clicked inside the top left card, selected YOUR NAME and typed my own name in its place. When I pressed Enter, all the other cards on the template displayed my name, too. The same was true for the other data. The whole process took no more than ten minutes. Now I had a sheet of professional-looking cards ready to be printed as soon as I purchased one of the compatible card packages at an office store.

Templates in Excel: Next, I opened Excel to see what templates were available. I wanted to find a calendar with a page for each month to personalize for my extended family. In Excel, I found a calendar I liked called Seasonal Photo Calendar.

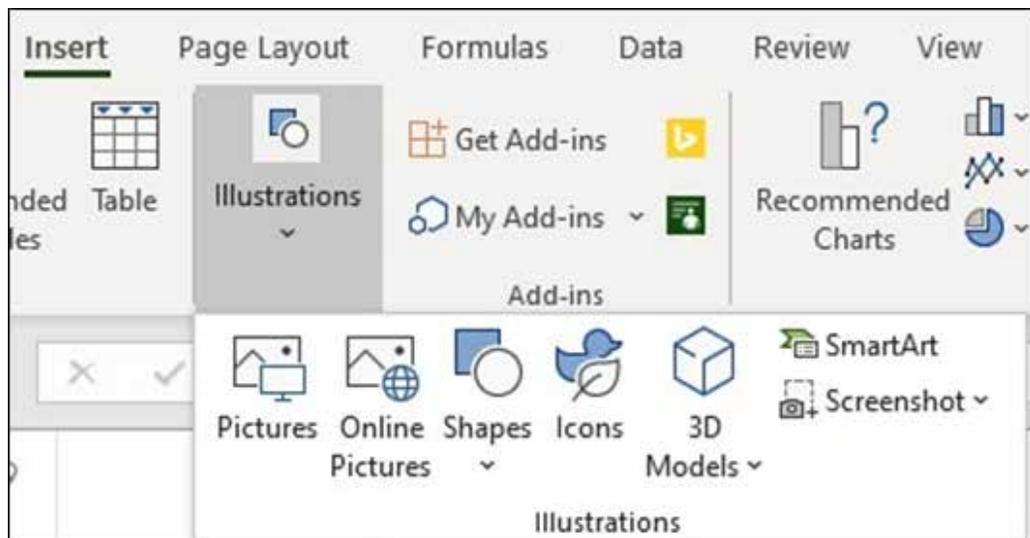


I read the details carefully before clicking Create. Once I downloaded the calendar, I began by clicking January at the bottom of the screen. Then I checked the Calendar settings for Year (2019), and Week Start (Sunday) to make sure all dates in 2019 would appear on the correct days of the week. Of course, this can be modified for the next year.

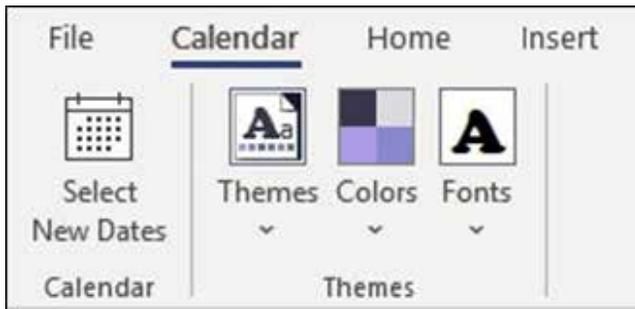
I read the details carefully before clicking Create. Once I downloaded the calendar, I began by clicking January at the bottom of the screen. Then I checked the Calendar settings for Year (2019), and Week Start (Sunday) to make sure all dates in 2019 would appear on the correct days of the week. Of course, this can be modified for the next year.

hen I began to add text and/or pictures to the important dates for each month. I clicked a date on the calendar, then clicked Insert tab > Illustrations > Pictures (or other graphics). To add text, I double-

Then I began to add text and/or pictures to the important dates for each month. I clicked a date on the calendar, then clicked Insert tab > Illustrations > Pictures (or other graphics). To add text, I double-clicked in a date square and typed.



clicked in a date square and typed. I made pictures smaller by dragging from a corner toward the center. Then I began to add text and/or pictures to the important dates for each month. I clicked a date on the calendar, then clicked Insert tab > Illustrations > Pictures (or other graphics). To add text, I double-clicked in a date square and typed. I made pictures smaller by dragging from a corner toward the center.



Many calendar templates allow you to change colors, fonts, and themes. Some only let you change the text. If you are working with a calendar template, select what you want changed and look for the Calendar tab on the ribbon, as shown. If you find you have the wrong dates for the days of the week, click Select New Dates

Templates in PowerPoint are called themes. These include the background design, font, and color scheme. There are also templates for entire PowerPoint presentations. All you need to do is change the text and replace the pictures with your own. This can be a lifesaver if you need a presentation quickly.

Publisher Templates offer a wide variety of templates. When I searched for Cards, I got greeting cards, invitations, plus business and personal cards. These are worth exploring.

Tips: You might ask how an Office template differs from an Office file (document, spreadsheet, or presentation)? Templates keep their original structure, no matter how much they are customized. To distinguish them from normal files, they have a unique file extension. In Word, for example, a document extension is .docx, while a Word template extension is .dotx (or .dotm, if macro-enabled). Your search will show you templates, but when you click Create, the template becomes a document, leaving the template intact.

You can create templates as well as use them. If you have personalized a Word document, for instance, and saved it with a .dotx extension, it is now a template. When you use it, though, be sure to save it as a Word document (.docx extension), or your original template will be lost.

Next time you need a professional-looking document or other project, try using a template. You may find it easier than you thought

iPhone Sound Menagerie

Author: Jim Cerny, Help Desk Support, Sarasota Technology Users Group, FL

July issue The STUG Monitor

www.thestug.org
jimcerny123 (at) gmail.com



It can be embarrassing when your phone sounds off when you are in a meeting or someplace quiet. You probably know about the sound “on – off” switch on the side of your phone, right? -- but the many other options for sounds you have available can be surprising. Let’s take a look at a few of the most popular ones and when you would want to use them.

On your iPhone, touch “Settings” and then “Sounds & Haptics.” Haptics, for those of you who are out-of-touch with some technical jargon, has to do with tactile sensations you feel when your phone wants your attention. In other words, among other things, your phone can vibrate. (The sound options for your iPad are fewer because it is not intended to be used as a cellular phone).

Side switch on side of phone – turns sounds “on” or “off.” When “off,” this is called “silent mode.”

The following are found in “Settings” -> “Sounds & Haptics”:

- Vibrate on Ring (on/off) – if “on” will vibrate your phone while it is also ringing.
- Vibrate on Silent (on/off) – if “on” will vibrate even if your phone is on silent.
- Under “Ringer and Alerts” there is a slide volume adjust. Mine is up all the way on this one which means if my phone “rings” with a sound it will be the loudest possible. It’s not that my hearing is failing, it’s that my pants pockets are getting more insulated!
- Right below that is “Change with Buttons” (on/off) – This option, if turned “ON,” means that the volume of the sounds can be adjusted by the “side buttons” which are used to turn the volume up or down.
- If “OFF,” the side buttons will NOT adjust the volume.

Now comes a really fun list of “Sounds and Vibration Patterns” – Look at this list and you can pick and change the sound or vibration pattern of all the events listed. Get a new email? Pick a sound to tell you that event happened. I believe you can get (or purchase through the App Store) more ringtones, but the ones provided for free are enough for me.

Below that list are:

- Keyboard Clicks – if “ON” will make a click sound when you touch a keyboard key on your device.
- Lock Sound – if “ON” will hear a shutting sound (like a door or cupboard door closing) that lets you know you’ve locked your phone without needing to check.
- System Haptics – if “ON” will allow vibrations.

Do Not Disturb – this is a very helpful setting found just below “Sounds & Haptics.” It provides a list of options for you to explore to keep your phone from bothering you at certain times. Thankfully there is a short description of each option to help you decide if it is something you want to use. For example, I have my phone’s “Scheduled” option turned “ON,” and I have a set time span from 10 p.m. to 8:30 a.m. during which I do NOT want to be disturbed. The phone functions will work (receive calls, etc.) but I will not know unless I am looking at the phone – there will be no noises or vibrations. True to providing options on top of options, there is an “Allow Calls from” option that WILL allow certain calls to come in even if you DO have “Do Not Disturb” turned on.

Ah, remember the old days when you just unplugged the phone when you didn’t want it to ring?

Internet of Things -- Data Tracking

By Jeff Wilkinson, President, Sun City Summerlin Computer Club, NV

June 2019 issue, Gigabyte Gazette

www.scs-cc.com
pres.scscc (at) gmail.com

As I continue to delve into the ramifications of targeted marketing and how it might affect us in our everyday lives, I'm diverted to the Internet of Things (IoT). A little research on IoT and how data from seemingly innocuous devices could be collected and used, proved enlightening, with a tremendous amount being written on this subject.

How will this data flow through the various collection systems? Will data be captured in real time or transmitted in anonymous batches? How will it be used, and who will have access to the purportedly anonymous data sources? Devices supplying data could include fitness wearables, various accessories in cars, IoT equipped appliances, such as refrigerators, washers, dryers, health trackers, Smart TV's, security cameras and devices, web connected eyeglasses, and the list goes on.

Table 1: IoT Units Installed Base by Category (Millions of Units)

Category	2016	2017	2018	2020
Consumer	3,963.0	5,244.3	7,036.3	12,863.0
Business: Cross-Industry	1,102.1	1,501.0	2,132.6	4,381.4
Business: Vertical-Specific	1,316.6	1,635.4	2,027.7	3,171.0
Grand Total	6,381.8	8,380.6	11,196.6	20,415.4

Source: Gartner (January 2017)

IoT devices will outnumber the world's population this year for the first time.

A recent study indicated that over half of those surveyed would be willing to receive some ads.

This, of course, indicates that some form of data tracking is needed, not only of our computers and phones, but of the fitness monitors used to track our physical activity, the refrigerators monitoring our supply of milk, or the processor in our new car monitoring our driving!

Much of the data can be used for non-nefarious purposes, such as product improvement and future product development. But will some of this data be used to extrapolate future drug health care needs, based on current fitness monitor feedback data? Will this data find its way into insurance actuarial tables? And, of course this data will be used for more fine grain targeted marketing. The management of this data has, in fact, spawned new companies who will monetize this valuable data. It will be another learning experience, as hopefully the public is able to decide what is acceptable and what is not.

On the plus side, IoT can help create Smart Homes and improve machine efficiency, such as heating and cooling devices. IoT can be used in wearables for security and identification, health monitoring and reporting, smart retail and inventory control, optimization of farming, and supply chain activities, to name a few.

Many positive things come out of the use of IoT data, such as Rolls Royce using this data, along with artificial intelligence (AI), to create business benefits to customers and improve their products. They have created "Data Innovation Cells" which use collected data to test new ideas to improve performance, maintenance cycles, and safety, and develop product improvements. It is certain that data from IoT connected devices will unlock

efficiencies, spawn innovation, and lead to meaningful insights of all kinds!

So, the IoT is actually being used in numerous positive ways, and engineers are just beginning to see all the potential benefits. Of course, putting sensors and retrieving feedback from every process can result in an overabundance of data, which may or may not prove useful. While all of this can be viewed as an overwhelming invasion of privacy, it can also be looked at as an exciting step forward and a world full of new opportunities, with positive outcomes around every corner! □

President's Message

New Amazon Alexa Skill (Plex)

By Jeff Wilkinson, Sun City Summerlin Computer Club, NV

www.scscclub.com
pres.scscclub@gmail.com

In a constant search for new things to try, I came across a new Amazon Alexa skill that I thought would be of interest to club members.

Requesting music on an Amazon Echo smart speaker or an Echo Dot, always seems to get an invitation to subscribe to more songs than I could ever listen to, for a monthly fee. Since I have a CD collection of the artists I enjoy, I've avoided signing up. The problem is – how do I play my music collection on my Amazon Echo smart speakers? I began looking for a solution and came across an Alexa skill that makes use of my Plex (www.plex.tv) media server.

What, you ask, is a Plex media server? In my case it's an always-on Windows 10 PC that resides on my network and has multiple drives with media such as music, movies and photos. The Plex media server organizes my music, photos and movies from various locations on my network and streams them to other devices such as a television, computer or personal device or an Amazon Echo. There is a free version of the Plex Media Server app and various paid versions which offer additional features. I am using the free version of Plex Media Server in conjunction with my Playon (www.playon.tv) app to record streaming videos from free services such as Tubi, Prime Video, the Roku Channel and many paid services you may subscribe to.

You can enable the Plex skill on your Amazon Echo smart speaker by opening the Alexa app on your computer or mobile device and looking for skills on the list on the menu on the left of your screen, select and then enter Plex in the search box. With your Plex media server on your same network and configured properly you can say "Alexa, ask Plex to play (artist, song or album). I am still organizing my music collection, but I am amazed at how the Plex skill is able to locate specific songs or artists multiple folders deep. You can also add a Plex channel to your Roku device and watch movies, view photographs and play music stored on your Plex server.

While this may not be for everyone since it requires some "tweaking" it is a challenging task that let you play your music collection on your Amazon Smart speakers.

Until next month ... □

B U G Officers

President

Bill Middleton

President@bugclub.org

Treasurer

Loretta Mills

Treasurer@bugclub.org

Secretary

Bill Middleton

Secretary@bugclub.org

Member At Large

Jim Townsend

Webmaster

Chris Crisafulli

Webmaster@bugclub.org

Special Interest Groups

Beginners' SIG:

beginners@bugclub.org

Hardware (Tinkers) SIG:

Bob Schmidt 952-0199

hardware@bugclub.org

BUG Web Page

<http://bugclub.org>

Brevard Users Group Secretary's Report

By Bill Middleton

Monthly General Meeting Report, September 16, 2019

1. The meeting was called to order by President, Bill Middleton at 3:30 PM.
2. Members were urged to pay their dues and make sure their registration details were up to date. . Dues may be paid at any meeting or mailed to the BUG Club, PO Box 2456, Melbourne, FL 32901. Please make sure your current email is included with any mailed-in dues.
3. The ever-ongoing Windows 10 updates were reviewed. Some excessively long downloads & installations were reported, but mainly with the 19-03 Feature Update. We await the next Feature Update with trepidation (19-09?).
4. Next, the new generation Browsers were discussed. A few months ago, those of us with the Avast security software installed were treated to a new, secure Avast Browser sneaking onto our computers and declaring it was now our default Browser. This power grab was easily dealt with and the Browser evaluated. It's security features seemed good and it is considered good for online banking and other Financial

transactions. The Brave browser features tracking and ad blocking and an encryption feature built in. The old, lesser-known browser, Vivaldi, has been heavily updated and is considered worthwhile to download and install for your evaluation (it has done cool things with tabs among other things). Malware Bytes has a new Browser that has started popping up, but it isn't as pushy as Avast and offers nice security features. If you have the hard drive space, all of these would seem worth looking at.

5. During the Q&A, Chuck brought up Tails, a USB Operating System. Haven't had a chance to check it out. Member feedback would be welcome from those brave enough to try. Perhaps you should use the Brave browser to access it....
6. Previously discussed items were rehashed during the Q&A.
7. The meeting was adjourned shortly after 3:30.
8. Respectfully submitted by Bill Middleton, Secretary. ☐

Hi,

The October meeting schedule will follow our new, usual schedule, despite the Government's attempt to screw it up. Viera will be at 2:00 PM on Monday, October 7. We WILL have our General meeting at Eau Gallie on Columbus Day, October 14 at 2:00. Yes, the Library has downgraded Columbus to a secondary Holiday and it will be open. Fee Ave. will be at 1:00 on the 21st.

This month's directed discussion will be on Ergonomics. Is your mouse out to get you? Is there a better keyboard? What's with Polyurethane and my hip? Come to one (or more) of our meetings and share the pain. Also, we'll agonize over Updates and have Q&A with Chuck.

See you at a meeting.

Bill M ☐

Bug Club Treasurers Report

By Loretta Mills , Treasurer

Checking Account	July 1, 2019
Beginning Balance	\$ 1052.36
Ending Balance	\$ 1052.36
Saving Account Balance	\$ 1087 65
Combined Balances	\$ 2140.00

Interesting Internet Finds - August 2019

Author: Steve Costello

scostello AT sefcug.com

Trying to stay off your phone? Turn the screen grayscale

<https://www.lifesavvy.com/5053/trying-to-stay-off-your-phone-turn-the-screen-grayscale/>

A simple, yet effective way to avoid distraction. Since reading this, I set my phone to grayscale whenever I need to concentrate on something. Also, I put the phone in airplane mode.

Search smarter with the DuckDuckGo search engine

<https://www.askdaveyaylor.com/search-smarter-with-the-duckduckgo-search-engine/>

Are you using DuckDuckGo as your default search engine? You should be if you are serious about not having everything tracked. That said, searching with DuckDuckGo is a little different than searching with Google, Bing, etc. Dave Taylor explains how to search smartly with DuckDuckGo in this posting.

Cord-cutters beware: Amazon's TV antenna listings are rife with dubious claims

<https://www.techhive.com/article/3409624/amazons-tv-antenna-listings-are-rife-with-dubius-claims.html>

Cord-cutting is becoming very popular. This means higher demand for TV antennas. As with anything else, if you decide to go the antenna route make sure you do your research so you don't end up spending your money on useless things. This post explains some of the things to look for. ☐

Calendar of Events

**Going North for the summer or coming back?
Don't miss a single issue of your
Space Coast PC Journal**

If your email address will be different

Please give us the correct email

For your temporary location

*****Reminder*****

We need your e-mail addresses!

We'd like to keep in touch with you, especially if there is a last minute change in venue for the club meeting.

Please send e-mail addresses and changes to Linda Glassburn glassburn@earthlink.net

October 5, 2019 - Learning Center

Merritt Island Library

12 - 3:30 PM

October 17, 2019 - SCPCUG Meeting

Merritt Island Library -Auditorium 2:00 PM

October 31, 2019 - Deadline for Journal Input

November 2 , 2019 - Learning Center

Merritt Island Library

12 - 3:30 PM

November 7 , 2019 - SCPCUG Meeting

**Merritt Island Library -Co0nference Room
2:00 PM**

November 30, 2019 Deadline for Journal Input



GRILLS
Seafood Deck
&
TIKI BAR

Port Canaveral	Riverside
505 Glen Creek Drive	6075 N Highway US1
Cape Canaveral, FL 32920	Melbourne, FL 32940
321-868-2226	321-242-8999

Casual Waterfront Dining
Live Entertainment
Boat Access Available

**Are you having problems with your hardware or software?
Did you find the solution yourself?**

How about sharing that information with your fellow club members? Sit down for a few minutes open up that word processor and put your ideas to paper. Aside from the value to the members, you'll get your name in print!

Don't worry about the details, we'll edit it for the best appearance and presentation.

Presentations Schedule

October 17, 2019

Oct 17, 2019 - Best Buy and Mr. Robert Hong of Apple will present an overview of the **New Advancements in Apple's Electronic Technology**. Robert last spoke with us on Mar 15, 2018.

Bring Some Friends or Neighbors

**Beginners or Advanced
Bring Your Questions
Get Technical Help
Share Your Knowledge**

at Your SCPCUG

Learning Center

**Open 1st, 3rd, 5th Saturdays,
12 to 3:30 p.m.
Merritt Island Library
Conference Room**

Please restrict your visits to
these times.

Bring your hardware or
software problems,
We'll do all we can to help.

If you bring a desktop computer
please bring the keyboard, mouse,
and power cord

Call Ron Ingraham, 321-777-2578,
for more information.

The Space Coast PC Users Group Journal

is produced using

Adobe InDesign CS3

*All SCPCUG club members are entitled to
receive the electronic version of the Journal
in pdf format. You'll need Adobe's widely
available Acrobat Reader X.X (free) to view the
eJournal.*

Contact Ron Ingraham
ringram28@cfl,rr.com to get on the
eJournal mailing list

***Space Coast PC Users
Group is proud to be a
Charter***



The Space Coast PC Users Group's
Computer Doctors
Make House Calls

Free to
SCPCUG Members!

**Dan Douglas, owner of
DataDan Computer Services,
will accept phone requests
for computer assistance
(321) 301-1075**

**After a phone call, a house call may be
made within 5 miles of Merritt Island**

**Free Remote Support
For those using Windows 10
Quick Assist**



The above member will help you with *a particular* computer glitch on your personal (not business) computer. In some cases, he may even make a house call. But, please do not expect him to install your computer nor teach you how to use it. If you have continuing problems or need additional help, please take a class, or check the ads in the *Journal* and hire a consultant, etc.



Computers 4 Kids

C4K Volunteers Need
Donated

Computers, Keyboards, Mice
etc

for

Building PC Systems

complete with software
for

Needy School Children

Call

Ken Clark @ 223-7402

To arrange pickup

Space Coast PC Users Group, Inc.

MEMBERSHIP APPLICATION

Membership Dues
\$25.00 [] Check [] Cash

Check No. _____

NAME _____ [] New [] Renewal

ADDRESS _____ Date _____

CITY _____ STATE _____ ZIP _____

Home Phone _____ Work Phone (Optional) _____

E-mail _____

Would you like to attend: a class for BEGINNERS? []
 an ADVANCED DOS class? []
 a WINDOWS class? []
 an ADVANCED WINDOWS class? []

What other topics would you like covered in a class? _____

Do you have expertise that you would like to share? Please describe.

Would you be willing to be listed in the Helpline of the *Journal*?
 If so, what subject? _____ Calling hours: _____
 Phone _____ E-mail _____

Would you like to help the Club in the following areas?
 Resource Center Staff _____ Journal Staff _____
 Computer Doctor _____ Room Setup _____ Teach Class _____
 Other _____

What topics would you like to see for monthly programs?

What can the SCPCUG do to help you and others?

If you were told about the SCPCUG by a club member, write that member's name here _____

Make check payable to: Space Coast PC Users Group
Mail to: SCPCUG , 801 Del Rio Way, #304, Merritt Island, FL 32953

Are You CPU

Bewildered?

DRAM
HTML
Windows
Modem

Join the
Space Coast PC Users Group
 and learn the lingo!

Membership benefits:
 The *SCPCUG Journal*
 Computer Literacy Classes
 (e.g. Windows 7-10)
 Seminars and Workshops
 Computer Doctors - computer
 help - **FREE!**
 Group Purchases, Raffles, and
 Door Prizes!
 Helplines - get help from the
 experts

Join Now!

ADVERTISING RATES

	1 Month	3 Months	6 Months
1 Year			
SIZE	~10%*	~15%*	~25%*
Full Page.....	\$90.00.....	\$243.00*.....	\$459.00*.....
Half Page..	45.00.....	123.00*.....	230.00*.....
1/4 Page.....	23.00.....	62.00*.....	117.00*.....
Business Card.....	35.00.....	59.00*.....	105.00*.....

* = Discount from regular monthly rate. Discount applies to ads running in consecutive issues.

Payment **must** accompany order. Make checks payable to:

Dimensions (W x H) for ads are as follows:

- Full page: 7" x 9 1/4"
- Half page: 7" x 4 3/8" or 3 3/8" x 9 1/4"
- Quarter page: 3 3/8" x 4 3/8"
- Business card: 3 3/8" x 2"

Camera ready ad copy is due by the 28th of the month to ensure that the ad will appear in the next issue. Mail ad copy to the Editor at 1360 Mayflower Avenue, Melbourne, FL 32940-6723 Prices will be quoted for design work. Questions? Call (321)777-2578.

All advertisements are subject to the approval of the Editor.

SPACE COAST PC USERS GROUP, INC.
801 Del Rio Way, #304,
Merritt Island, Fl , 32953

STATEMENT OF PURPOSE

The Space Coast PC Users Group is an independent, not for profit, computer group open to anyone interested in computers. It is not affiliated with any business. Our purpose is to serve as an educational, scientific, and literary organization designed to enhance computer literacy.

DISCLAIMER: Neither the Space Coast PC Users Group, Inc. (SCPCUG), its officers, board of directors, nor members make any expressed or implied warranties of any kind with regard to any information or offers disseminated in the *Journal* via advertisements or articles, including but not limited to warranties of merchantability and/or fitness for a particular purpose. Opinions provided by *Journal* articles, or by speakers, members, or guests who address the SCPCUG meetings are individual opinions only, and do not represent the opinions of the SCPCUG, its officers, the board of directors, or members. All opinions, information, and advertisements should be carefully considered by every individual and neither the group, its officers, board of directors, nor members shall in any respect be held responsible for nor be liable for any and all incidental or consequential damages in connection with or arising out of the furnishing or use of any information, advertisements, or opinions provided by or through the Space Coast PC Users Group.

The Space Coast PC Journal is a copyright© 2000¹⁸ monthly publication of the Space Coast PC Users Group, Inc. Subscriptions are included in the cost of membership. Reproduction of any material herein by any means is expressly prohibited unless written permission is granted, except that noncopyrighted articles may be reprinted by other user groups, provided credit is given to the author and the publication.

Initial Membership \$25 . Annual Dues have Been Suspended

BENEFITS: Members get the monthly *Journal*. In addition, only members can:

- copy from the Shareware library
- participate in meeting drawings
- attend special seminars/workshops
- talk to one of our computer ‘doctors’
- use the Helplines

NEXT MEETING
October 17, 2019

Merritt Island Library Auditorium 1185 North Courtenay Parkway, Merritt Island, FL
To get to Auditorium, after entering the front door, go to the second door on the left.

Guests are always welcome at the Space Coast PC Users Group meetings.
