

range Bytes

Volume 40 No 12

December 2015, \$1.25

NOCCC Meeting on Sunday December 6, 2015
We will have no Consignment Table and no E-Waste pickup this month

Main Meeting 2:00 PM Computer Game Development.

The speakers will be Derik Resch and Jeff Crane. They are computer game developers. The main part of the demonstration is how they created their favorite game. Downloading and playing the game maybe included.

Special Interest Groups (SIG) & Main Meeting

9:00 AM

Linux for Desktop Users.....Science 131
Beginners' Questions about Linux

Programming.....Science 109
C, Java and some new languages such as Python

10:30 AM

Computer talk.....Irvine Hall
For anyone that wants to talk about computer stuff.

Advanced Digital Photography..... Science 131A
Questions and Answers about Digital Photography

Linux AdministrationScience 131
More topics about the Linux operating system

Mobile Computing.....Science 109
We will talk about smartphones, tablets, and computer news.

Microsoft AccessScience 127
Using Microsoft Access to build databases

12:00 Noon

PIG SIG.....Hashinger Courtyard
Brown bag lunch outside Irvine Hall

VBA in Microsoft Access/Excel.....Science 127
Using VBA code to enhance the capabilities of Access and Excel

12:30 PM

Advanced PC Q&A..... Irvine Hall
PC hardware, software and Internet topics

Beginners Digital Photography Science 131A
Questions and Answers about Digital Photography

2:00 PM

Main Meeting.....Irvine Hall

If you want the next meeting's information faster than US Mail google: NOCCC Computer Club Facebook

SIGs in need of a SIG Leader:

Visual Programming; Microsoft Word, Excel, and Outlook; Understanding Operating Systems.

For editorial comments email:

editor@noccc.us

Future Meeting Dates for 2016:

Jan 3, Feb 7, Mar 6, Apr 3, May 1



SWUG 1st Prize in 2004, 2005, 2006

APCUG 2nd Prize in 2003, 2004, 2005

Founded April 1976

Coffee, cookies and donuts are available in the Irvine Hall lobby

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Board of Directors

NOCCC Board of directors

President Ben Lochtenbergh
presiden@noccc.us

Vice President Dr. Don Armstrong

Secretary Bob Dickson
secretary@noccc.us

Treasurer Dr Don Armstrong
treasurer@noccc.us

Director Terry Dicson

Director Larry Klees

Director Richard Miller

Director Gerry Resch

Director Jim Sanders

Editor@noccc.us

Membership@noccc.us

Club Business

The President's Report

President's Report by Ben Lochtenbergh

Things are happening in the club, good and bad. The goal is to make the good better and the bad vanish. See Membership report about email forwarding, Editor's report about how we are doing, Webmaster report about **new domain name**, Database report about updating, and Treasurer's report about catching up.

Too many reports for me to write, but someone has to do it to get our affairs in shape. I took time from my personal life and hope that it is worth it. At least you have a written reference about the changes. Suggestions, of course, are always welcome. There is only so much the few volunteers we have can do. More volunteers makes lighter work, fewer volunteers make too much work or a not so good club. It is as simple as that, what gives?

My focus has been on making unnecessary work go away. This takes an investment in time in the right places now to have an ongoing pay off later. Cooperation, coordination, and doing things right ASAP should make things much easier. Sharing the load by those who can is **what is needed**. One club member recently said: "Volunteerism is on the decline everywhere." I agree and I am trying to change that tide with "Friends Helping Friends" our long time slogan. There are several untried things that can be done to increase our relevance and attendance.

All these changes maybe a too much for some to absorb, but rest assured that this club can run more like clockwork, as long as I'm allowed to make some changes. In the stead of all directors, I am wishing you **Joyful Holidays and a Prosperous New Year!**

president@noccc.org

Board Meeting Minutes November 1, 2015

Minutes submitted by Bob Dickson, NOCCC Secretary

NOCCC_Board_2015_11_01

The meeting was held in room 131A at Chapman University Science Hall. The meeting was called to order by President Ben Lochtenbergh at 4:00 PM.

Present were: Ben Lochtenbergh, Don Armstrong, Bob Dickson, Larry Klees, Gerry Resch, Jim Sanders, Terry Dickson, Dennis Martin and Richard Miller. Absent was John Krill.

Secretary's report:

Bob D. distributed copies of the minutes of the board meeting of 10/11/2015. Gerry R. noted the name of his son was incorrect. It should be "Derek" not "Eric". Terry D. noted that the reference to 'his SIGs' should be 'the Linux SIGs leader is Tommy Crenshaw' in the Bytes report. Bob D. noted the corrections. Gerry R. moved to approve the minutes with the corrections. Jim S. seconded. Approved.

President's report:

Ben L. reported that John Krill has resigned from the board.

Treasurer's report:

Don A. reported that he's still working on reviewing the files and records from John Heenan. Due to the date being a Saturday (10/31), the bank did not report the club's balance as of 10/31/2015. There was no unusual activity in the account so the balance should be the same as for October month end.

Don A. reported one member renewal. The raffle provided \$28. Donuts and cookies cost \$25.20. He issued a check to Bob D. who provided the donuts and cookies for this month. Insurance is automatically paid out of the account each month for \$97. Don A. commented that income for this month was only \$87.02 so the club is not meeting current expenses. He commented that the financial situation is covered by the endowment from last year but the club needs to find ways to increase monthly input to at least equal monthly expenses for the long term.

Don A. met the previous week with Bob D. and discussed having Bob D. review the Access database and better document it so that Don A. can more easily work the files to update and maintain the data. Jim S.

has copied all of the files from John Heenan on to a flash drive. He will work to get the files transmitted to Bob D. so that Bob D. can review the files and prepare a review for Don A. Jim S. will need some time to go through all of the files he's copied to be able to send the files to Bob D.

Ben L. commented that he'd like to have the treasurer provide a monthly financial report whenever the files have been examined and put into production. Ben L. would also like to have an annual budget prepared for the Calendar Year 2016.

There was considerable discussion about tracking 'active membership' if the member pays the dues late. Is the person still an 'active' member if his dues are not paid by the anniversary date? How would anyone know whether or not a person is 'active'? What is the effective date for a person who pays his dues 6 months late? The original date or start a new annual active period from the date of actual payment? The question remains open. Don A. stated he needs to have the Access database files fully documented so he can work on such questions. In the meantime, he's maintaining paper files.

Gerry R. moved to accept the Treasurer's report, Dennis M. seconded, approved.

eWaste report:

There was no ewaste at the November meeting. The next ewaste will be at the January 2016 meeting. Gerry R. commented that the ewaste person is willing to visit the club meetings but is very busy at this time. The ewaste person is willing to continue to make visits to the club even though the amount of material has been light.

Consignment report:

There was no consignment at the November meeting. The next consignment table will be in January 2016. The consignment table is scheduled to be the same month as the eWaste function.

Book Review report:

Richard M. confirmed that the Book Review function is dead. He's too burdened with other activities to continue to oversee that function. Also, no

one seems willing to write the reports. Any books still on file will be given over to the raffle function.

Bytes report:

The November Bytes was finally sent out by Jim S. as John K. had resigned. The Bytes was very well received and looked good. It was noted that not everyone received the Bytes before the meeting. It's assumed the delivery will occur in the following week. There was much discussion about who would assume production of the Bytes for the future. Terry D. asked what was the cost of the monthly Bytes. Don A. estimated the cost to be \$65. Terry D. suggested we consider eliminating the physical Bytes and go with an online version. There was considerable discussion. In general, it was felt the physical Bytes provided motivation for persons to attend the meetings.

Larry K. noted that he'd earlier stated he'd produce the Bytes but his activities lately are keeping him too busy to work on the Bytes. Ben L. stated he will work to produce the December Bytes. He requested that if anyone has anything to be included, send it to 'Editor' and not to his personal email address.

December speaker:

Gerry R. confirmed that his son, Derek and his business partner, Jeff, will make a presentation on the video game they are making. The presentation would also cover video gaming production in general but would specifically address the game they are producing. Gerry R. noted that due to a prior commitment, Derek will have to leave early so Jeff will complete the presentation. Gerry R. noted that an Apple I6 cord will be needed to display the phone app on the big screen. Jim S. commented that he'll see that the appropriate equipment is available.

Raffle report:

Gerry R. noted that participation was light. Only 5 people purchased tickets.

Web report:

Rudy L. did not attend his SIG session in the morning and did not attend this board meeting. No one had any knowledge as to why he was not present.

Attendance report:

Bob D. reported he counted 20 persons at the main meeting. Larry K. said there were 3 at his digit photography SIG. Terry D. reported 9 at the 9 AM Linux SIG and 5 at the 10:30 Linux SIG. Ben L reported there were 12 at his SIG. Bob D. reported 1 at the Access SIG and 2 at the VBA SIG. Jim S reported 7 as the General SIG in the main hall. Larry K. reported that he'll take over the Beginning Photography SIG at 12:30 – 2 PM for the next several months while seeking someone to take over that SIG.

Museum report:

Bob D. reported that he's been in touch with the University about the 4 display cabinets. The items received so far have been placed in the cabinets with handwritten notes. As more items are submitted they will be grouped by type in the cabinet. Bob D. made an appeal at the general meeting for anyone who has computer equipment of earlier periods to consider including it in the display. The project is moving forward slowly but should pick up in the coming months.

Adjournment:

Gerry R. moved to adjourn the meeting. Larry K. seconded. Approved. Ben L. announced the meeting ended at 5 PM.

Submitted by:

Bob Dickson, Secretary

Museum Project Mission

Museum Project Mission

The North Orange County Computer Club is looking forward to celebrating its 40th Anniversary in 2016. As part of celebrating this important milestone, we will be taking a look back at the early years of Personal Computers and sharing stories-and-photos of the unfolding of NOCCC in the Orange Bytes.

If you have been a member for some time and are in the possession of **photos of NOCCC** from earlier years, we would like those photos from you for possible publication in the newsletter.

The club is also looking for hardware to be exhibited in the display cases in the Irvine Auditorium on or

before the Sunday April 3, 2016 meetings. Some items have already been contributed; take a look inside the cases in Irvine Hall. If you have items to share or are otherwise interested in participating in this event, please contact Museum Project board member volunteers Richard Miller or Bob Dickson.

Membership Report

Membership Report

Our membership continues to decline, not only due to old age, but also due to bad overall performance of the club. Sunday, upon my request, people wrote their info on a list titled “**Didn't Receive the Orange Bytes**” one member, we found out, did not have the correct mailing address in the NOCCC database. We fixed that one the spot on Sunday since the Treasurer brought in the club's laptop computer. Two members we found had their membership expired according to the database. The next day I emailed them and the Treasurer with the expiration dates found. The issues were resolved. With the club laptop present on Sundays, we can more quickly find discrepancies! Very efficient, we will try to make this a habit. Three people did not receive their Bytes, their information in the database was correct. We assumed the Bytes would be received too late for Sunday's meetings. This proved to be correct! The reason and solution is under investigation. Futile energy must be eliminated! Please, check your November Orange Bytes post mark, I bet it says 10/26/2015, six days before the meetings, too late for some members.

Prepared by Ben Lochtenbergh Membership Chairman
membership@noccc.us

Editor's Report

Editor's Report by Ben Lochtenbergh

Either we totally give up on publishing in paper (some prefer that), or we try it one more time. I prefer both paper and electronic versions as we have enjoyed in the years past. If the Bytes are no longer published in paper, where is the incentive to publish the Orange Bytes online? On the other hand, when membership dues income is not high enough we will be forced to discontinue publishing in paper!

October 18, John Krill, after assembling the November Bytes resigned as editor of the Orange Bytes. **A new editor could not be found.** Your president volunteered to do these December Bytes.

Assembling of submitted articles into a printable newsletter and emailing it to the Printer is the easy part. Most time goes into communicating with people, making sure eligible members receive the Bytes and on time. Having proofreaders would be a nice thing too. It is simple. The Printer says he prints and mails the Bytes the same day if received before noon. That is a professional!

It is up to us volunteers to mail things early enough to editor and Printer, accounting for holidays and slow postal routes.

Normally reports and pictures are emailed two weeks before the Sunday meetings. On Thursday ten days before the meetings files are emailed to the Printer. However, on Thanksgivings and some Christmases we must mail our stuff to the Printer before Wednesday 9:00 am to receive the Orange Bytes **in all mailboxes by Sunday.**

I will email the Bytes to Jim and Don on Monday, and depend on them to email our stuff to the Printer.

Recent history of the Orange Bytes: The Bytes were not published from December 2014 through June 2015 due to the passing of our editor. In addition, the October Bytes went missing due to a communication problem between editor and emailer. We printed newsletters starting July. We had a mini Orange Bytes (8½x14" paper) printed on my home computer, handed out to those attending meetings. August, September, and November we sent the usual sized issues via US Mail. Credit goes to John Krill who stepped up as editor and Jim Sanders for completing and emailing Orange Bytes files to the Printer.

Pro tem editor@noccc.us

Website Report

Website Report

The website www.noccc.org that has been used to communicate club activities amongst board members

as well as with regular members to discuss the different club functions worked many years this way. Unfortunately, or perhaps fortunately, irregularities came to light. Unverified updates and typos caused serious misunderstandings.

To eliminate these problems, a new modern-day domain has been created WWW.NOCCC.US. The website acts the same as www.noccc.org and both websites can be used to browse (our not so current) club information.

One feature of the noccc.us domain is that it has more secure forwarding. Email can no longer be forwarded without the permission of a recipient. In addition, a typo in the forwarding address by the originator can be discovered directly when the recipient does not respond to the request. This and prompt updates removes uncertainties when communicating with: president@noccc.us, secretary@noccc.us, editor@noccc.us, membership@noccc.us.

Prepared by Ben Lichtenbergh
editor@noccc.us

Database Report

Database Report

The way the club's database works is when you pay your dues you send it to the Treasurer and he updates the database. In addition, when you change your address and remember to email treasurer@noccc.us he will update the database too. When the time comes to send the Orange Bytes files to the Printer, the Treasurer creates a new mailing list and sends it to the Printer. It is important that the database be updated promptly because otherwise a member may fall off the mailing list. If you have a comment about this, email membership@noccc.us for prompt attention.

To fix problems, on December 6 there will be **two printed reports in Irvine Hall**. One is a Name and Address report and the other an Email list report. Write your corrections on the reports and the database shall be updated ASAP.

One more thing, the EXPIRATION date printed on the back cover of the Orange Bytes may be incorrect. In my case, it used to show 4/1/2015, with only the year changing each year. Now mine shows 8/1/2016. It

looks like the month is drifting. The board has noted it. Consensus about what to do about it if any has not been reached yet. Insufficient information is the cause.

Prepared by Ben Lochtenbergh

Treasurer's Report

Treasurer's report

As you all should know our long time, Treasurer John Heenan has resigned from his post. Dr. Don Armstrong gracefully volunteered to be the next Treasurer. He visited John and took possession of all his stuff, including the NOCCC laptop. A little much to deal with for the nice doctor, so he visited Jim Sander who rightfully so backed up everything. There were questions about the Microsoft Access database and Bob Dickson our Access and VBA guru and SIG leader was engaged.

In between the November 1 meetings, Don let me look at the laptop and database. I copied the database onto a Thumb drive. Now I can look at membership information as never before even though I have been membership chairperson for many years! If someone contacts me about the club I can now search the 6000 member list to see if that person was ever a member or not. In addition, I now can create new reports, see Database report. Working with the database is a challenge. I counted 34 Tables, 63 Queries, 12 Forms, 15 Reports, and 13 Macros.

Prepared by Ben Lochtenbergh

November 2015 Raffle Winners

Raffle winners

Photographer Larry Klees took all photographs immediately after the lucky ones picked their prizes. See November Orange Bytes for prize descriptions. All 13 gadgets can be seen with the winners:





Main Meeting Report

Image of Facebook post



Computer Club NOCCC

November 2 at 6:24pm · Edited ·

The Main speakers for Sunday December 6, 2015 are Derek Resch and Jeff Crane. They are game developers in the process of publishing their creation in the Apple App Store. They'll demonstrate the design, programming, and maneuvers of their game. We'll learn the development process of creating a game and share in the fun of undertaking it. Some developers became millionaires and billionaires by stepping into the digital waters before them. How far will their endeavor go in the World of Cyberspace? Many at NOCCC have been wondering about how such project is done. We of course wish them the best of luck! This meeting starts at 2 PM.

The SIGs always start at 9 AM and the member activities end at 4 PM with a raffle.

There will be no e-waste and no consignment table 12/6/15.

Our Main speaker for November was Ben Lichtenbergh, president of NOCCC, amateur photographer, and longtime user of Microsoft software.

He demonstrated how to manage 10,000 photographs and videos with hardware and software most people likely already have.

Thank you Ben!

Consignment Table

Consignment table information

The NOCCC Consignment Table **will** be available in the lobby of Irvine Hall during the January 3 2016 meeting. The regulations are:

1. Only current members can place items for sale.
2. Non-members can purchase items.
3. The consignment table operates on a 90/10% basis - with the owner getting 90%, and the Club treasury 10%.
4. Fill out a Consignment Table User List and item tags for each item placed on the table for sale. The list is available on the NOCCC website.
5. Each tag must contain the seller's name, NOCCC membership number, an item name, description, and an asking price.
6. All items and money must be picked up no later than 2p.m. on the day of sale.
7. Any items and money not picked up will become the property of NOCCC and will be subject to disposal at the Club's discretion. The club has no storage room available for unsold items.
8. NOCCC is **NOT RESPONSIBLE** in any way for items bought or sold at the Consignment Table. Each item is sold on an AS-IS BASIS.

Advanced Digital Photography

By Larry Klees, Advanced Digital Photography SIG Leader

At the November meeting we demonstrated how to download a camera manual and find out what kind of remote controls the camera could use.

These included wired, Infrared, proprietary RF, Bluetooth RF and Wi-Fi. While some cameras can only use one type, others offer choices and we discussed the pros & cons IR RF and wired.

We also discussed the Focal lengths of specialised macro lenses and lower cost alternatives to macro lenses. There isn't room here to go into a detailed description of macro photography; but it basically means taking very close-up pictures of small items.

If you are working in cramped spaces with inanimate objects, a macro lens in the 50 or 60 mm range will do the job nicely from a few inches away.

Main Meeting Report and SIG Reports

If you are working outdoor with flowers and sunlight you might prefer a macro lens in the 100mm range to get about a foot away and not cast shadows on the flower.

If you are working with living insects you might prefer a 200 mm lens from a couple feet away to prevent scaring them.

True macro lenses are specialised and therefore rather costly. We also discussed less costly options. Probably the least expensive 15 — 40 dollars is to use diopter attachments screwed onto the front of your regular camera lens. These typically come in sets of +1 +2 & +4 diopters which can be used singly or together to achieve +1 to +7 diopters. They work sort of like reading glasses for you camera with the higher numbers letting your camera focus closer.

For cameras with interchangeable lenses, another option is extension tubes. These can be purchased singly or in sets of different sizes and fit between the camera's lens and the camera body. These tubes allow the camera to focus closer. The extension tubes typically cost 60 — 120 dollars for a set of three sizes and can also be combined. They deliver better results than diopter attachments. With the addition of a 10 — 20 dollar reversion ring, the cameras normal lens can be installed backwards and with some inconvenience can rival the quality of a true macro lens.

There are also helical adjustment extension tubes which give a continuous range of adjustment and bellows which give even more adjustment.

This photo shows a camera with a bellows and a normal 58mm lens with a reversing ring.



The macro discussions brought up the topic of photographing jewelry. This topic will be continued at the December meeting.

The December meeting will be a bring your camera day

Jewelry is not particularly difficult to photograph; but it is small enough to get into the macro range (many new compact cameras and even cell cams have macro capability built in). Also jewelry can be very shiny which requires special lighting considerations to do well.

Therefore the December 6 meeting will be a bring your camera day for the purpose of photographing jewelry.

Bring your camera with close-up / macro capabilities and some jewelry.

I will bring a gorilla pod (a small tripod) + tripods with a Ball head and a Gearhead and a focusing rail so you can try those out. I will also bring a few props and backgrounds along with a lighting tent, a laptop computer (the display makes an excellent light source for jewelry) and some LED flashlights which all work very well with jewelry.

This photo of a golden dollar coin (about the size of a quarter) was taken with the laptop computer display for the light source. The camera used a 200mm macro lens and 40mm of extension tubes. This provided enough magnification so that this image filled the camera's sensor.



The Advanced DP SIG meets in Science 131A at 10:30 a.m.

Beginner's Digital Photography

SIG Leader: John Krill #3160

NEW and Exciting Developments at NOCCC

We now have our own Facebook page. To find the Club's Facebook account just do a Google search for Computer Club NOCCC and one of the listing will be for our Facebook account. If you are using Facebook, make sure you LIKE the NOCCC page.

Late breaking news!

John is starting a new business, does not have the time to run his SIG, and so is ending it immediately.

Email: noccc.bgphotosig@gmail.com

Fortunately, Larry Klees has volunteered to conduct the Beginner's Digital Photography SIG in the same timeslot of 12:30 – 2:00 PM. Thus continuing the tradition of this valuable SIG!

Linux SIG

By Terry Dickson, Linux SIG

The Linux SIG meets in Science 131 at 9:00 AM .and 10:30 AM.

Sig Leader Tommy Crenshaw has Provided new information on The First Look at IBM's New Linux Servers. (Linux Journal)

IBM announced the latest of its Power Systems line of high-end servers. These are the Power Systems S812LC, the Power Systems S822LC (for commercial computing) and the high-

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performance Power Systems S822LC. All of them are custom-built for Linux.

It will provide new Features like Ten Core, and Twenty Core Power Systems on high-end servers; it is designed to handle large workloads and high Memory and storage loads.

The New Linux Server talked about has 20 Cores, 1-TB of Ram and Memory Bandwidth of 230GB/Sec.

All of these servers are based on IBM's OpenPOWER Architecture

We talked about the **Hadoop Distribute File System (HDFS)** designed to store large files (in the range of gigabytes to Terabytes) across multiple machines.

This new influx of raw computing power does open some exciting doors for the Linux community.

Microsoft Access

By Bob Dickson, NOCCC Access SIG Leader

The November SIG session reviewed many of the templates in Access. There are a lot of them. For the typical user I am sure a useful template exists that would be just the thing needed for your operation, whether or not it is business, non-profit, or just personal. Over the years, Microsoft has provided templates for almost any function that any group or person would find useful. However, like so many 'free' programs, one must invest some amount of time digging into the 'program' to become familiar enough with it to really use it. It is worth the effort to look into the templates. In addition, Microsoft has excellent help online for the templates. If you have Microsoft Office Pro (which includes Access) or have installed Access as a separate system, get your money's worth by checking out the templates. I have found they are also excellent education tools. Playing with them exposes one to various functions available in Access that you might not suspect even exist. If your function requires you to maintain a file of records and you have that file on your computer, check out Access database and see if it just might make your efforts easier and more satisfying. Check us out in Science 127 at 10:30 AM to noon.

This SIG meets in Science 127 at 10:30 am

Microsoft Access/Excel VBA

By Bob Dickson, NOCCC VBA SIG Leader

It was rewarding at the November session to review and explain my Internet recording program that I have been working on for the past year. We checked out the form and its many functions to record your access to various Internet accounts. The program records the date and time you access the account and the date and time you return to your program and the amount of time you were in the account. Then click a button and the program generates a

report of your activity. You can punch 3-holes in it and file it for future reference. OK, this is for serious usage of Internet accounts such as banking, insurance, shopping, etc. It is not intended for use when just surfing the web. In addition, for accounts that require passwords, the program manages them by encrypting them so they cannot be stolen. However, so that you do not have to remember them all, the program will also print a report of all of your Internet account addresses and the passwords, which you can store. After printing the report with all of the passwords, the unencrypted passwords are deleted from the computer. Nice security, and really helpful if you have trouble remembering those un-remember-able group of letters and numbers and special characters. Come on over to Science 127 at Noon to 1:30 PM and let us explore the power that VBA provides so you can make your system really to great things.

This SIG meets in Science 127 at 12 noon

Mobile Computing

By Ben Lochtenbergh, Mobile Computing SIG Leader

The November meeting was lively with 12 attendees. We all learned a few things including the facilitator.

In December we will talk about the Turing test, thought vectors, 100-dimensional space, which may sound highly convoluted, but can be easily explained. Mundane issues like the 10 best smartphones, printers, and other devices to buy for Christmas (according to PC Magazine) will be on the agenda too.

Most interesting maybe playing with the graphical linking method (just discovered for use starting this PowerPoint presentation) and learning **how a power user uses his smartphone** and smartwatch.

A slide show (PowerPoint) presentation link shall be emailed the Friday before the meeting to the ones on the MC SIG mailing list, so they can come prepared ready to contribute to the dialog.

If you wish to be removed from the monthly MC SIG email list or know someone who wants to be added, please send the request to bal@msn.com. Start the subject with NOCCC.

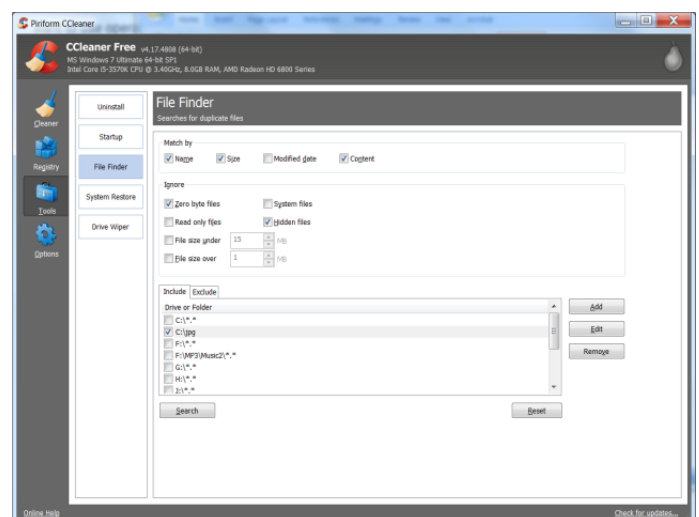
This SIG meets in Science 109 at 10:30 am

PC Q&A

By Jim Sanders, PC Q&A SIG Leader

At the November meeting, we touched on a number of different topics. One of the topics that we touched on was the program CCleaner. As I have discussed before, that program is considerably more than just a disk cleanup utility. For whatever reason, few people seem to get past the cleaner and registry sections. As I have discussed before, elements of the Tools section can be very useful. The Startup section is very useful in identifying those programs that have set themselves up to be started at boot time. In, probably, most of the instances, the installing program does not bother to tell you that it is going to add itself to the list of things that are running at boot time. In particular, if you are already unhappy with the slowness of your boot time, you should learn more about this section of the program.

Just below the startup button in the tools section, is a button labeled File Finder. I hate to admit that I have been remiss in listening to my own admonishments. Until this November, I had never looked at the File Finder tool within the CCleaner program. I consider myself to be fairly adept at utilizing the Windows Explorer program that comes stock with the operating system. I have encountered very few people that even know advanced search features exist, much less how to use them. To mention a few, Quotes, AND, OR, and NOT. If you are NOT one of those few, I would suggest that you go visit this site: <http://windows.microsoft.com/en-us/windows7/advanced-tips-for-searching-in-windows>. In addition, maybe a few others of that nature. Therefore, when I clicked on File Finder, I was a little surprised, and more than a little chagrined, to see that it offered a feature that I need and Windows Explorer does not offer. That feature is a duplicate file finder.



Just for grins at the meeting, I put a check mark next to the C:*.* line and then clicked on the Search button. It almost instantly said there were no duplicates. I knew that had to be wrong, because I knew there were multiple duplicates in the music subdirectories. Again, while I not infrequently ignore my own advice, nonetheless I have long been an advocate of RTFM. In addition, there IS a CCleaner Manual. It is located at <http://www.piriform.com/docs>. I really did not want to take the time to look for and then read the manual during the SIG, and sometimes the on screen options are intuitive. So I poked around and found the option to include subdirectories, and limited the types of files to *.MP3. The subsequent search did indeed find a large number of duplicates. However, while I was willing to wing it searching for duplicates, I was not about to start deleting files and showing you more about the program. Therefore, before writing this, I did a Google search for "CCleaner manual" and found the above link. The manual gives a good deal of useful information about the program and I stored the link in the same download folder that the program is located in on my disk.

The main reason that I was interested in eliminating the duplicate files on my 1 TB main hard disk, was that I wanted to install the 256 GB solid-state disk drive that I purchased three months ago. My original thought was that the 256 GB solid-state disk would be big enough once I separated all of the data stuff from the operating system stuff. I gave up on just trying to remove the duplicate files and simply moved all the music files to an external drive. However, once I had moved all of the obvious files to an external USB drive, I still had 380 gigabytes left on the main hard disk. I had to conclude that there was a lot of stuff located in a less than obvious location on the hard disk. I remembered that one of the options in the Glary Utilities program is the Disk Space Analyzer. Starting with the root of C:, the program scans the disk and generates a display window that shows the subdirectory with the most data in it at the top of the list. It provides an absolute size number, a percentage of disk space number, and a graphic presentation of each subdirectories relative size.

The Users directory was at the top of the list with 205 GB of space consumed. I could not imagine why that subdirectory would be so large. However, by switching the display to just that subdirectory, it showed the size

of all of the subdirectories underneath it. The largest subdirectory underneath it was videos. Apparently there are a number of programs that use subdirectories under "Users/Jim" (or Users/Your name on your computer) for temporary or permanent storage. The 123CopyDVD program, for reasons I do not understand yet, left a hard disk copy of a number of movies that were copied to DVD-R burnable disks. At least two of the video editing programs left a lot of stuff in subdirectories of that same directory. In exploring all of the subdirectories under "Users/Jim" I found all kinds of junk (well maybe not junk, but you know what I mean) that I had no idea was there. Some of it made sense, but why Redbox, T-Mobile, Go-daddy and Gomplayer to name a few, had their own folders in that part of the tree to store their own data in, I do not know.

You might find it interesting to go poking around in your own "Users/Your Name" subdirectory to see what all things are stashed on that part of your disk that you did not know about. In my case, getting what I consider to be the Windows 7 operating system stuff down to say no more than 150 GB, has turned out to be a whole lot more complicated and a great deal more work than I had anticipated. Still, once I get the solid-state disk installed, I'm sure I will be much happier with the boot time on my main system. I hope to see you in December.

This SIG meets in the Irvine Auditorium at 10:30 a.m. and 12:30 p.m.

Microsoft Office

This SIG needs a new leader. Anyone volunteering????

This SIG as far as can be determined, has not met in the last six months. To avoid miscommunications, this column in the Orange Bytes will be discontinued starting next issue.

To **avoid this action** communicate with any of the board members or email editor@noccc.us.

Linux Desktop & Administration

The Linux SIGs cover a wide range of topics in the area of the Linux Operating System. Beginners' questions about Linux are covered as well as the many different versions of Linux available.

See elsewhere under Linux SIG part of the SIG Reports!

This SIG meets in Science 131 at 9:00 a.m. and 10:30 a.m.

Programming

By Rudy Lauterbach, SIG Leader

Members showed up in room 109 on 11/1/15, but the leader didn't show. However, Rudy was contacted afterwards and he promised to have his SIG take place in December.

This SIG meets in Science 109 at 9:00 a.m.

Understanding Operating Systems

By Charlie Moore, NOCCC SIG Leader

This SIG is led by Charlie Moore and is a continuing discussion group about Operating Systems for computers.

However, this SIG as far as can be determined, has not met in the last six months. To avoid miscommunications, this column in the Orange Bytes will be discontinued starting next issue.

To **avoid this action** communicate with any of the board members or email editor@noccc.us.

This dormant SIG meets in Science 111 at 10:30 a.m.

Visual Programming

By Anson Chapman, NOCCC SIG Leader

This SIG is led by Anson Chapman and is a continuing discussion group about computer programming using Visual Basic, Visual Basic Script, Visual C, Visual C++ and Visual J++ for Beginners.

However, this SIG as far as can be determined, has not met in the last six months. To avoid miscommunications, this column in the Orange Bytes will be discontinued starting next issue.

To **avoid this action** communicate with any of the board members or email editor@noccc.us.

This SIG dormant meets in Science 111 at 9:00 a.m.

More Club Business

RAFFLE PRIZES

Paid prizes for December are:

Pneumatic Adjustable Stool
10,000mah USB recharge battery
DVD-R 50 pack
Role of electrical tape

Member prizes for December are:

3&1/2 digital multi-meter
Flashlight/USB recharge battery
DVD-R 50 pack
Role of electrical tape



*Parking stubs from the Lastinger garage are good for two free general raffle tickets! Get a free members-only raffle ticket for wearing your NOCCC badge and another wearing your or a NOCCC shirt!

Place holder for tips from other computer clubs

The last one published here was from September 2014

By Phil Sorrentino, Member of The Computer Club, Florida

<http://sccccomputerclub.org>
Philsorr.wordpress.com
[philsorr \(at\) yahoo.com](mailto:philsorr@yahoo.com)

Public Service Announcement

Public Service Announcement

Adjacent flyer is part of a recruitment drive mailed to NOCCC for a countywide application for a one-year Grand Jury term beginning July 1, 2016.

Some of our membership may be interested and qualify. A paper copy of the above flyer will be available December 6 in the Irvine Hall.

More information is available online at www.ocgrandjury.org or via (657) 622-6747.



MAKE A DIFFERENCE!



APPLY BY JANUARY 22, 2016 TO SERVE ON THE

Orange County Grand Jury

- Investigate the performance of county, city, and other local agencies
- Analyze data and write reports with recommendations for improvement
- Verify that local tax dollars are spent wisely
- Decide on indictments for some criminal cases
- Examine conditions at local jails
- Look into citizen complaints about local government agencies

Application and Information Available At
www.ocgrandjury.org
657-622-6747

Term of Service: July 1, 2016 to June 30, 2017
Current Stipend: \$50/day, plus mileage

Qualifications:

- 18 or Older
- U.S. Citizen
- O.C. Resident
- Knowledge of English
- Sound Judgment



The Grand Jury's role differs substantially from that of a trial jury. Up to 80% of the Orange County Grand Jury's time is spent in its civil watchdog role, investigating local government agencies. In the Grand Jury's criminal role it only participates in criminal indictment and investigation hearings, not jury trials. Grand Jury proceedings are closed to the public.

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Membership renewal, update, or application form

MEMBERSHIP APPLICATION [] MEMBERSHIP RENEWAL [] ADDRESS/PHONE UPDATE []

Date: _____ My Membership Number Is: _____

Please Print!

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State: ____ ZIP: _____ Home Phone (____) _____ - _____ Mobile Phone (____) _____ - _____

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Fees: See previous page for fee schedule. \$35 for Single Membership.

Membership fees are 100% tax deductible when payable to North Orange County Computer Club.

Amount enclosed \$ _____ **Note:** Currently we cannot accept credit cards.

Please make checks payable to: North Orange County Computer Club.

Mail to:

North Orange County Computer Club
PO Box 5841
Fullerton, CA 92838-0841

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Fullerton, CA 92838-0841

Members: Your expiration month
and year appear above your
address. Please renew promptly.

Dated Material – Please deliver by December 5, 2015

NOCCC Fee Schedule

Membership fee schedule

The fee schedule has been set up to increase club membership, attract people with an interest in computing and attract local computer-related businesses to place ads in the Orange Bytes with or without becoming NOCCC members.

We are also offering members the opportunity to help our club financially by making donations that should be income-tax deductible since we are chartered as a non-profit 501(c)(3) organization. Donors will be acknowledged in the Orange Bytes and the Membership level will be shown on the Member's Badge. **Your regular dues are tax deductible!**

<u>Membership Level (\$)</u>	<u>1 Year</u>	<u>3 Years</u>
Individual Member.....	35.....	90
Each Additional Family Member.....	15.....	40
Full-Time* Enrolled College Student	20	
Enrolled High School Student	15	
*Minimum 12 Semester Hours		
Business Member + Ad (Business Card).....	180	
Business Member + Ad (¼ Page, ½ Page).....	465, 800	
Business Member + Ad (Full Page).....	1,475	
Membership Donations (\$)		
Contributing Member	75	
Supporting Member	100	
Advocate Member.....	250	
Patron Member.....	500	

