



# range Bytes

Volume 48 No 9

September 8, 2024

\$1.50

## NOCCC meetings for Sunday September 8, 2024

### MAIN MEETING

How to download and play some of the classic 16 bit games/software, designed for MS-DOS or Win 3.1

in Win 10/11 or Linux using Oracle's Virtual Machine called Virtual Box, or even on and old XP machine still in the closet.

### Special Interest Groups (SIGs) & Main Meeting Schedule

#### 9:00 AM – 10:30 AM

**Beginners Digital Photography** .....**Science 131**

Questions and Answers about Digital Photography

**Linux for Desktop Users**.....**Science 129**

Beginners' Questions about Linux

#### 10:30 AM – 12:00 PM Noon

**3D Printing** .....**Science 127**

Questions and Answers about 3D printing

**Advanced Digital Photography**... .....**Science 131**

Questions and Answers about Digital Photography

**Linux Administration** .....**Science 129**

More topics about the Linux operating system

**Mobile Computing** .....**Science 109**

We discuss smart phones, tablets, laptops, operating systems and computer related news. **Waiting for a new leader.**

#### 12:00 PM Noon – 1:00 PM

**3D Printing**..... **Science 127**

Questions and Answers about 3D printing if requested.

**PIG SIG** ..... **Irvine Courtyard**

Bring your lunch. Consume it in the open-air benches in front of the Irvine Hall or join the group that goes to the student cafeteria. Talk about your computer(s) and life experiences.

### 1:00 – 3:00 PM Main Meeting

There a large number of classic 16 bit games.

The current 64 bit Windows OS's, 10 or 11, don't support 16 bit software. So in order to play the older games, you have to jump through some hoops. A lot of the old games have great game play, and are a lot of fun, even if the graphics aren't 4K. While not as versatile, The program "DOS Box" will also work for some games. Copies of a number of the old 16 bit games will be available.

**BOD.....3-4PM..... Science 129**

**3:00 PM – 4:00 PM**

Board Meeting.....

**Science 129**

Verify your membership renewal information by checking your address label on the last page. If it is not right, let the treasurer know.

**Mark your calendars for these meeting dates**

**2024:** Sep 8, Oct 6, Nov Dec 3,

**2025:** Jan 5, Feb 2, Mar 2 Apr 6, May 4.

Coffee, cookies and donuts are available during the day in room 129 .

“Friends Helping Friends” since April 1976

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Our Website

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**Reminder:** Membership expiration dates are based on the date that you joined the club. **Example**, you joined or re-upped your membership in the club in October of 2023. That means that in October 2024 you should pay your membership dues. In the address label area of the Orange Bytes is your join month/expiration month.

## Reprint Policy

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## Editor's Report

At the August meeting, the main presentation was on Voidtools.com's File manager program "Everything.exe." On my main CPU, I have three hard disks. The boot drive is a fast 500GB SSD that is about 60% full. I have two USB 3.0 external hard drives. H: is a 4 TB Drive that is 80% full. J: is an 8TB drive that is about 40% full. I wanted to run a few tests to compare Everything.exe to Windows 10 File Manager, so I created a file named "yzzz\_temp\_junk.docx" and placed it in a directory called New Folder on my J: drive. Using the default setting that File Manager opens with, I entered yzzz\_temp\_junk in the search box to search for a file I knew was not on C:. After a ridiculous 14 minutes of searching, I killed the search. I then Googled how to speed up File Manager's search and was told that adding the file extension to the search would help. After 12 minutes, I again killed the search.

Then a more explicit Google search The instructions were, click on the search bar to bring up the Search Tools tab, click on Other properties, click on Name. Having done that, the search now had a prefix of "Name:" followed by the search string

“yzzz\_temp\_junk.docx.” After killing the search at eleven minutes, I did some more searching and found a path I have never been down: Go to Control Panel > Indexing Options. Click Modify and select the drive you want to index. Ensure the "Include files in this folder and subfolders" checkbox is checked. Click OK.

That popped up a window titled Indexing Options, where I found a list of twelve folders on C: as well as C:\ itself. Clicking on the Modify button brought up another window that allowed me to modify the list of folders and drives to be indexed. I removed all but the Documents and Music folders and C: which probably makes the former two redundant. I don't know if having those two folders called out specifically does anything helpful for my searching, but the content of those two folders is definitely of interest to me.

I then clicked on the “Advanced” button. That takes you to another window titled naturally “Advanced Options.” There are two tabs on this window: Index Settings and File Types. Three items got my attention. “Delete and rebuild index,” which, after changing the list of what was to be indexed, seemed like a good idea, so I did that. After ten minutes of a new search, I killed it again. The second item of interest was a “Troubleshoot search and indexing” link which asked me what is my search problem. So I entered “Search is very slow” and it took off doing its thing. When it finished it said “Search not working” and “Fixed.” So I again killed the search after ten minutes. The third item was an “Advanced indexing help” link. This went online to Microsoft and brought up five pages of “Search indexing in Windows: FAQ.”

I was not impressed overall, but two items stood out. One was the comment that whatever the total size of the data indexed, the index file itself would be about 10% of the total. The second was: To choose an option for each file type, go to the Indexing Options control panel page and select Advanced > File Types. So I did that and a widow popped up with what seemed like a never ending list of file extensions with a check mark next to each file extension that will be indexed. Below the list was the option to index properties only or properties and contents. **BTW**, there were **1430** extensions on the list. After all of the “improvements” search on C: finished in 11.7 minutes and that still left the other two drives to search. Under tools, Everything has an option to force rebuilding of the index. Having clicked on that, Everything reindexed all three drives and found the file in 1 min, 11 sec. In the search category, relatively speaking, Microsoft Windows 10 File Manager is a piece of .....

#### **Pros of Everything.exe:**

1. Lightning-fast search: Everything.exe is renowned for its incredibly quick file indexing and search capabilities.
  2. Minimal resource usage: It uses minimal system resources while running.
  3. Real-time updates: The file index updates in real-time as files are added or removed.
  4. Advanced search options: Supports regular expressions and boolean operators for complex searches.
  5. Portable version available: Can be used without installation.
  6. Customizable interface: Offers various viewing options and customization features.
- Network drive support: Can index and search network drives.

7. Duplicate file finding across drives. By name, size, date.

#### **Cons of Everything.exe:**

1. Limited to NTFS drives: Full functionality only on NTFS-formatted drives.
2. Filename-only search By default, option for file contents.
3. Less intuitive for beginners: May require some learning for advanced features.

#### **Pros of Windows 10 File Manager:**

1. Integrated system tool: Comes pre-installed and fully integrated with Windows.
  2. User-friendly interface: Familiar to most Windows users.
  3. File preview: Offers quick preview for many file types.
  4. File management, copying, moving, and organizing .
  5. OneDrive integration: Seamlessly works with Microsoft's cloud storage.
- Multiple view options: Offers various ways to view and sort files.

#### **Cons of Windows 10 File Manager:**

1. **Slower search: About 60+ times slower than specialized search tools like Everything.exe.**
  2. Resource-intensive: Can use more system resources, especially during searches. Peaked at 52% of CPU.
  3. Limited advanced search options: Few options for complex search queries.
  4. Indexing issues: Windows Search indexing can sometimes cause performance problems.
- Less customizable: Offers fewer options for interface customization.
- Both tools have their strengths and weaknesses. Everything.exe excels in rapid file searches and is ideal for users who frequently need to locate files quickly. Many users find that using both tools complementarily provides the best file management experience on Windows 10.

## A LITTLE HUMOR

A man walks into a bar with his pet ostrich following him. The bartender asks for their order, and the man says, "I'll have a beer," then he turns to the ostrich and asks, "What's yours?" The ostrich replies, "I'll have a beer too." The bartender delivered, that'll be \$4.50, and the man hands him the exact change.

This goes on for several weeks. They always order a beer each.

One day, the man says, "I'll have a hamburger and a beer." The ostrich says, "I'll have that too." When the bartender brings the order, he says, "That'll be \$12.50." The man reaches into his pocket and pulls out exact change.

This becomes routine until one day, the man says, "I'll have a beer and Filet Mignon steak," and the ostrich says, "I'll have that too." The bartender says, "That'll be \$37.50."

Once again, the man pulls out exact change.

The bartender can't stand it anymore. "How do you always have exact change?"

The man replies, "I found a magic lamp. The genie gave me two wishes. My first wish was to always have exact change."

"That's brilliant!" exclaims the bartender. "What was your second wish?"

"A tall chick with long legs who agrees with everything I say."

**North Orange County Computer Club**

**Dr. Donald Armstrong  
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**To All Members:**

The line above your mailing address now shows your joindate. Please use your join **month** to choose when to renew your membership.

**Dated Material – Please deliver ASAP**

Membership Level (\$)	1 Year	3 Years
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)	25	
Business Member + Ad (¼ Page, ½ Page)	65,	100
Business Member + Ad (Full Page)	175	
Contributing Member	75	
Supporting Member	100	
Advocate Member	250	
Patron Member	500	

**Directions to the NOCCC meeting location**



Enter CA-55 N (Costa Mesa Freeway) crossing Interstate 5 toward Anaheim/Riverside for 9 miles. *Notice freeway and street signs stating "Chapman University."* Exit toward E Chapman Ave. Turn right onto N Tustin St. Turn left onto E Walnut Ave.

1) Turn left past N. Center St. for the **best place to park** in the underground parking structure ( Lastinger under the sports field). Pay the small fee (\$2) to park Ask members or [help@noccc.org](mailto:help@noccc.org) about parking details, restrictions, and our price break!

2) Turn left onto N Center St. On the right is the Hashinger Science Center, 346 N Center St. Orange California. Parking on the University side is free. Parking on the residential side is a city violation that may cost you a **tow away and a ticket!**