



Alan German & Chris Taylor

Ottawa PC Users' Group

November 16, 2022

The Last Ten...



The last ten minutes of our Q&A session will not have any prepared material - so, give some thought to the question that you want to ask!

Follow-up

Modem Connectivity

- Chris was right - again!
- SU (Supreme User) left home for the morning
- Rebooted the Bell Home Hub 3000 modem
- Acer Aspire One (netbook) connected automatically for both Linux and Windows
- So, if all else fails – REBOOT!



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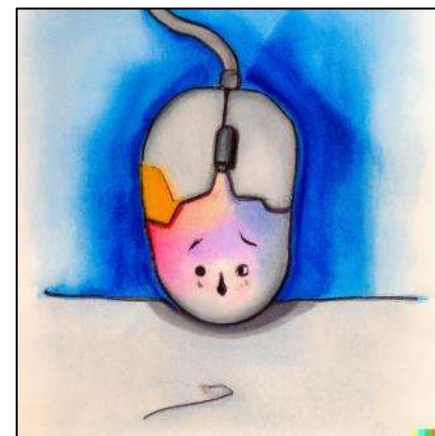
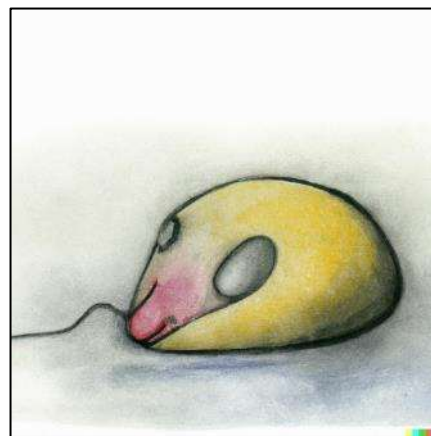
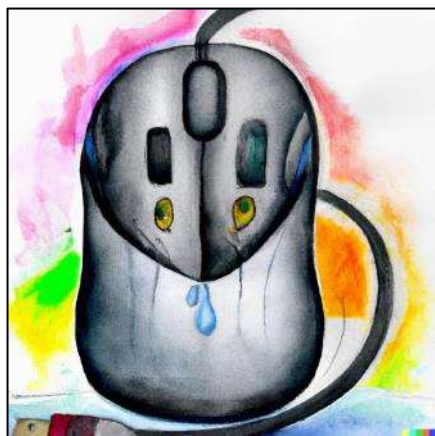
DALL•E 2



DALL•E

- *AI system that can create realistic images and art from a description in natural language*
 - create a free account
 - enter a natural language description of what you want
 - download your finished unique “art work”

abstract pencil and watercolor art of a sad computer mouse



Create account/log in at <https://openai.com/dall-e-2/>

Share

Can it replace clipart?

- I use FAVPNG to find clipart for my presentations
- Many, many other free & paid clip art sites
- Can image search at Google
 - check usage rights and obligations
 - e.g. can search on Creative Commons license
 - Creative Commons often requires attribution
- DALL•E 2 output is unique
 - same instruction given again will produce different results
- All output 1,000×1,000 pixel PNG files
- It is interesting...

Share

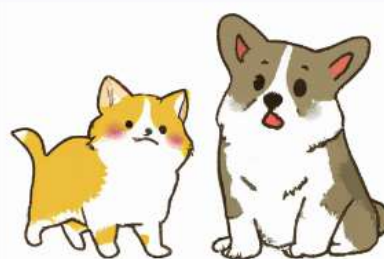
FAVPNG image used for Q&A Nov 2



DALL•E

laughing my ass off cartoon

It looks like this request may not follow our content policy.



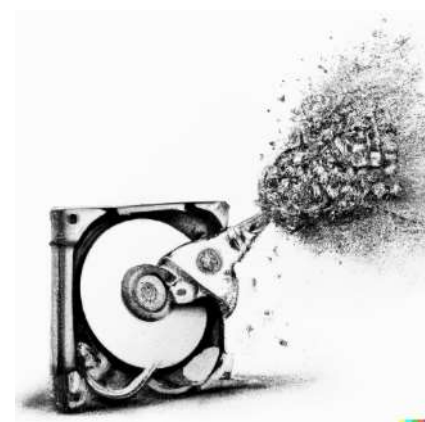
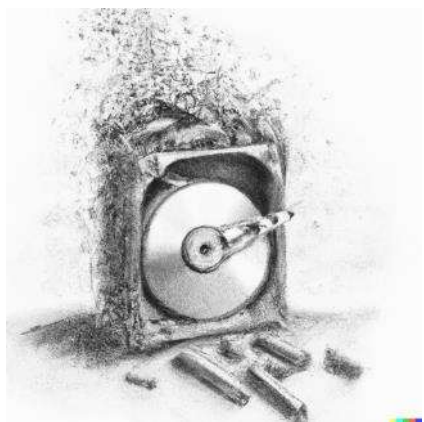
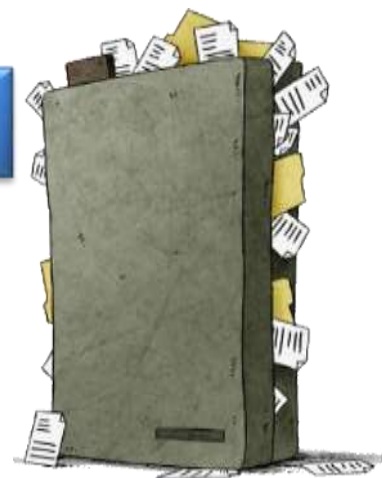
cartoon laughing smiley emoji



Share

FAVPNG image

a pencil drawing of a hard drive bursting with files



a color pencil sketch of a hard drive stuffed with too many files

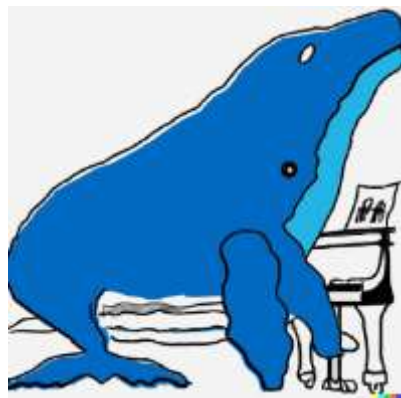


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sketch of a woman walking on the beach with a dog



A blue whale playing the piano in the style of Picasso



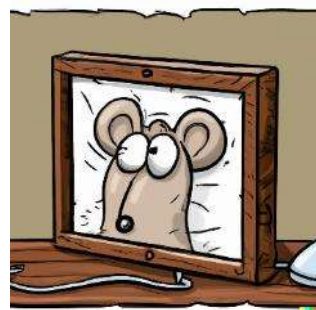
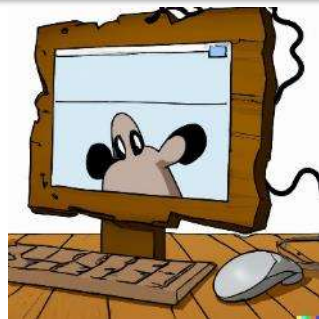
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Many images are cut off at edges

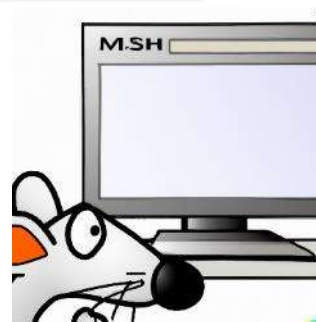
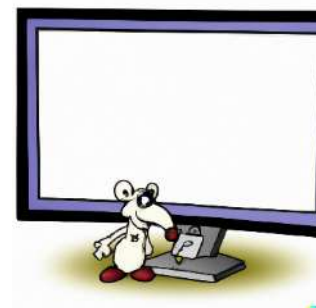
computer mouse puzzling about what's on the screen cartoon



cartoon of a computer mouse puzzling about what's on the screen in a wooden frame



framed cartoon of a computer mouse puzzling about what's on the screen



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Google Imagen Drawbench

Coming soon for users

- *unprecedented photorealism* × *deep level of language understanding*
- human raters prefer Imagen over other models including DALL-E 2 in sample quality and image-text alignment



Teddy bears swimming at the Olympics
400m Butterfly event.



Android Mascot made from bamboo.



An art gallery displaying Monet paintings. The art gallery is flooded. Robots are going around the art gallery using paddle boards.

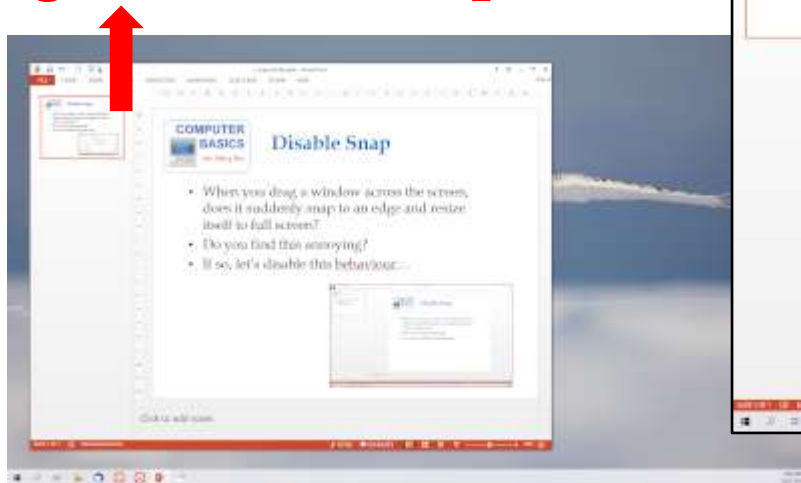
<https://imagen.research.google/>

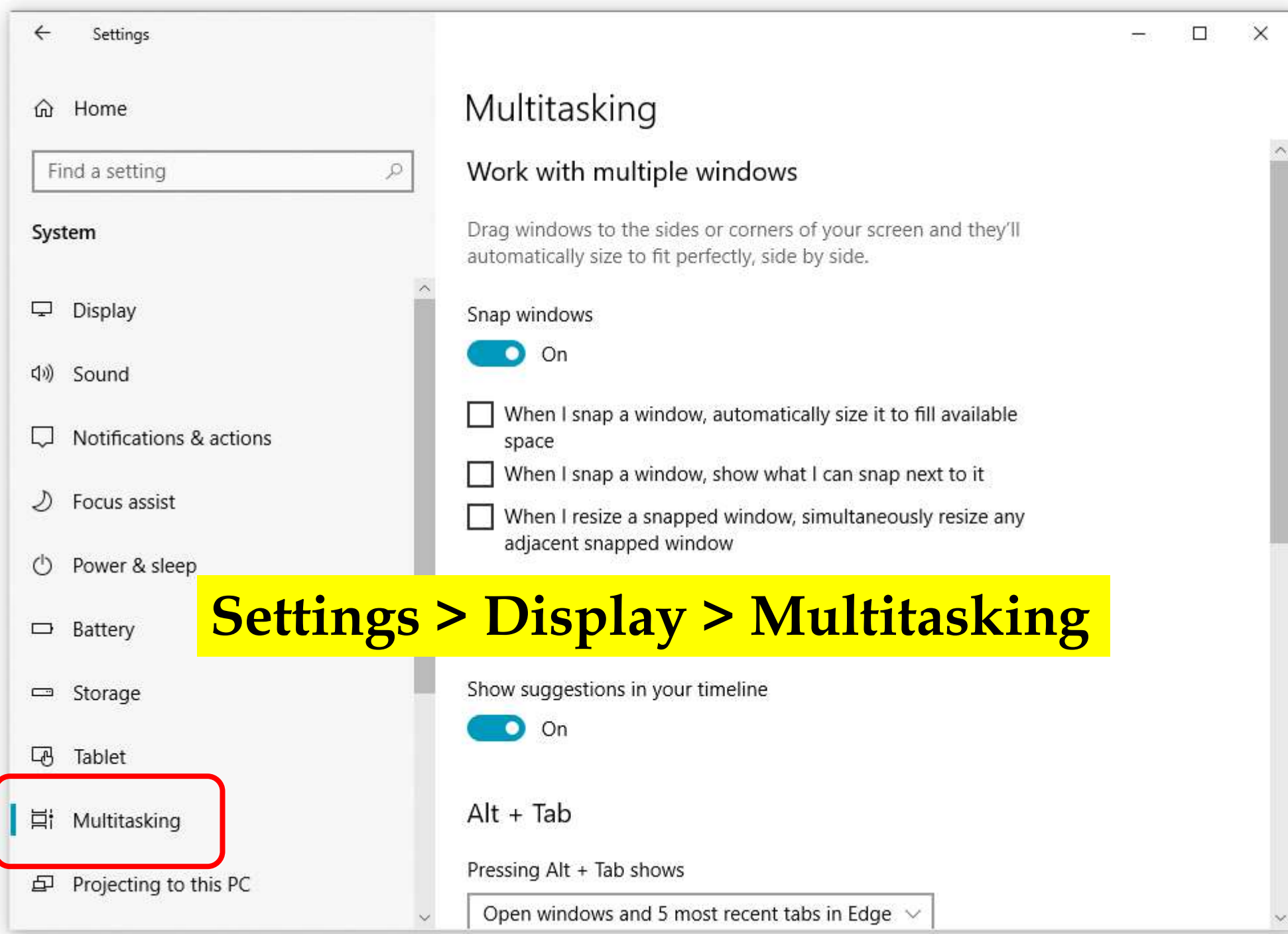


Disable Snap

- When you drag a window across the screen, does it suddenly snap to an edge and resize itself to full screen?
- Do you find this annoying?
- If so, let's disable this behaviour...

Drag window to top





Multitasking

Work with multiple windows

Drag windows to the sides or corners of your screen and they'll automatically size to fit perfectly, side by side.

Snap windows



On

- ☐ When I snap a window, automatically size it to fill available space
- ☐ When I snap a window, show what I can snap next to it
- ☐ When I resize a snapped window, simultaneously resize any adjacent snapped window

Multitasking

Work with multiple windows

Drag windows to the sides or corners of your screen and they'll automatically size to fit perfectly, side by side.

Snap windows

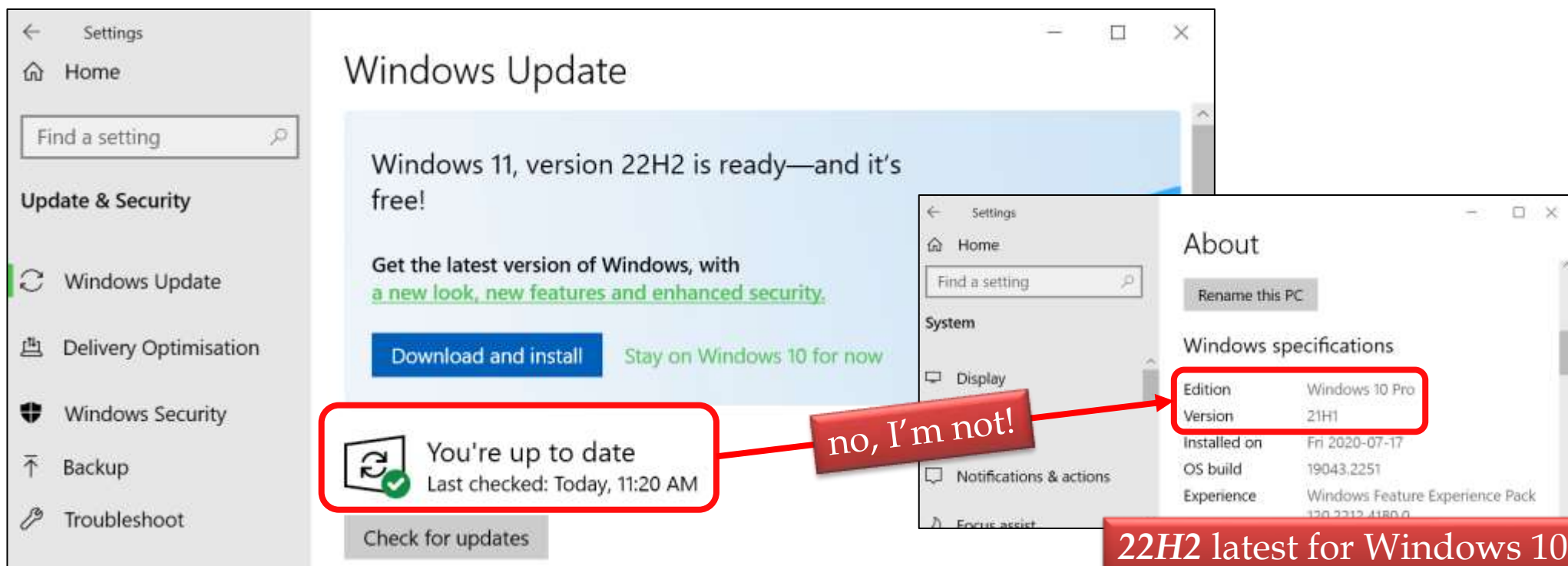


- ☐ When I snap a window, automatically size it to fill available space
- ☐ When I snap a window, show what I can snap next to it
- ☐ When I resize a snapped window, simultaneously resize any adjacent snapped window

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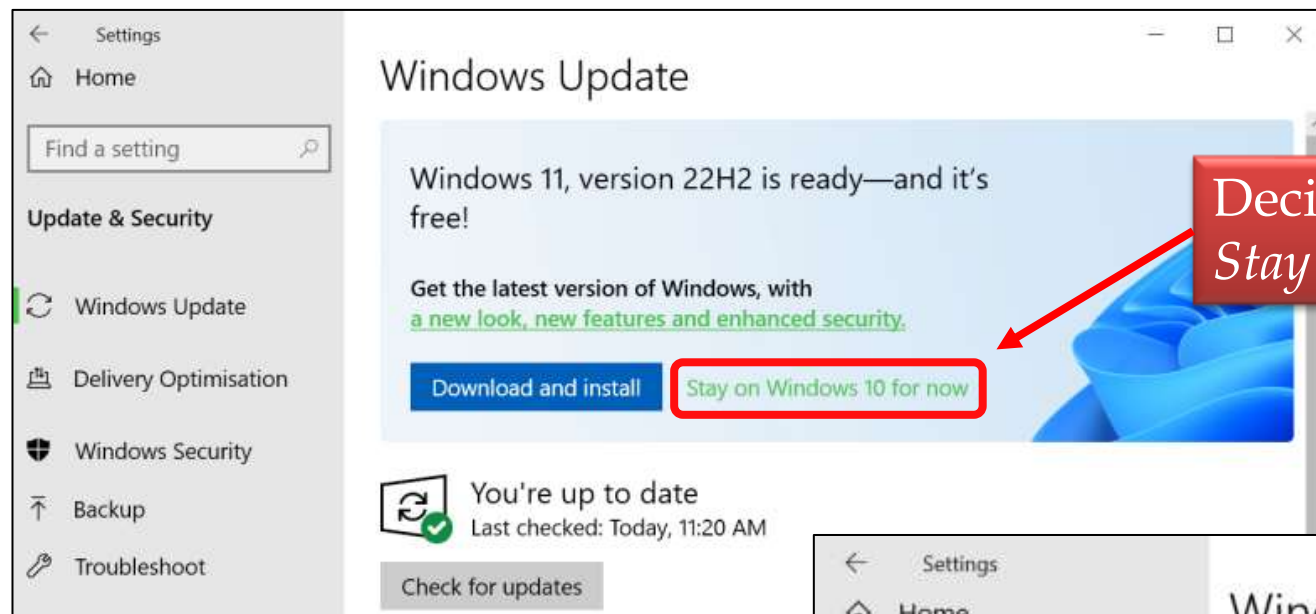
Really Microsoft? *Really?*

- Desktop computer capable of running Windows 11
 - but I don't really want it
- Windows said I am *up to date*



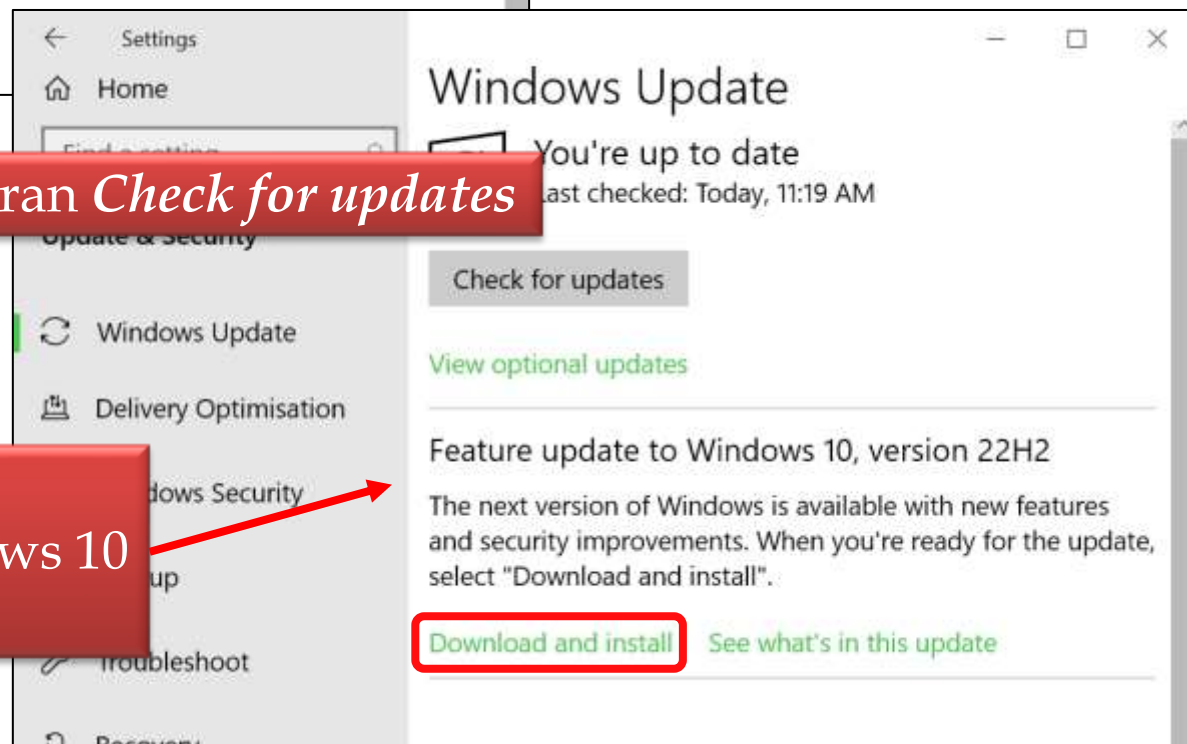
Share

Really Microsoft? *Really?*



Decided to click
Stay on Windows 10 for now

Windows Update automatically ran *Check for updates*

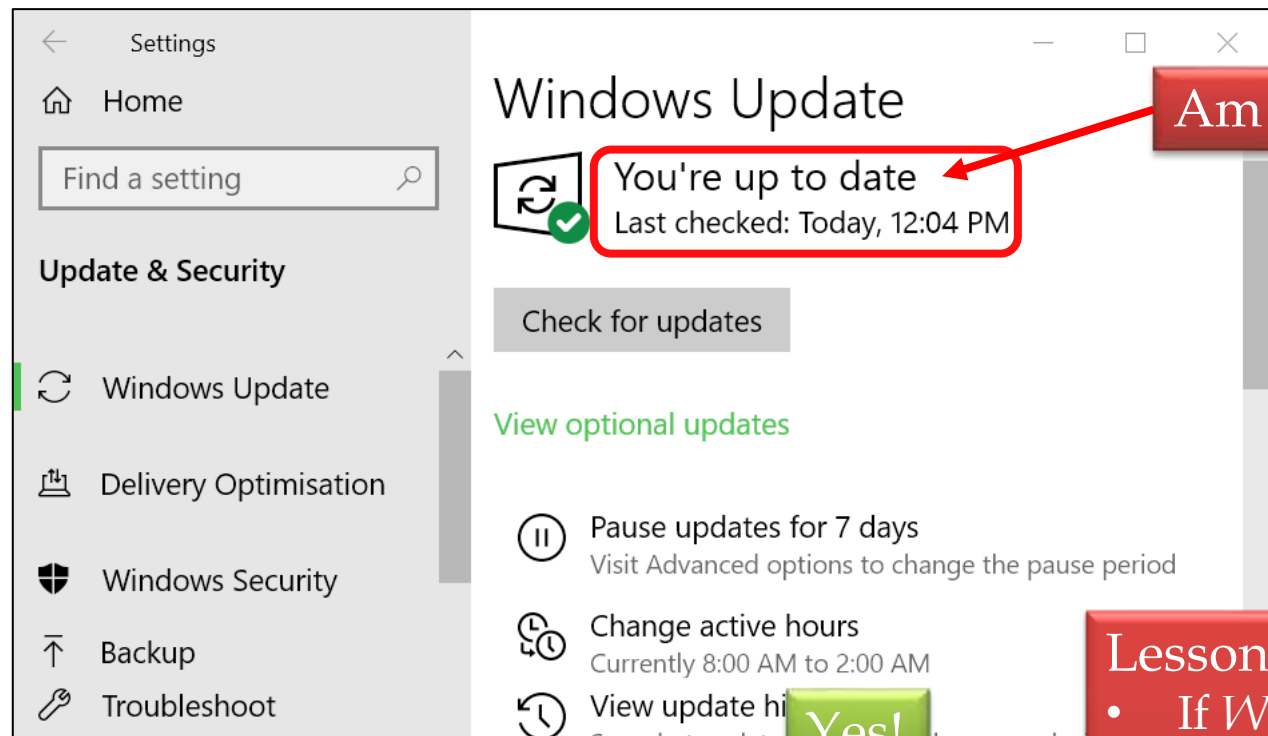


Low and behold...

- offered the latest Windows 10
 - version 22h2

Share

Really Microsoft? *Really?*



Am I????

You're up to date
Last checked: Today, 12:04 PM

Check for updates

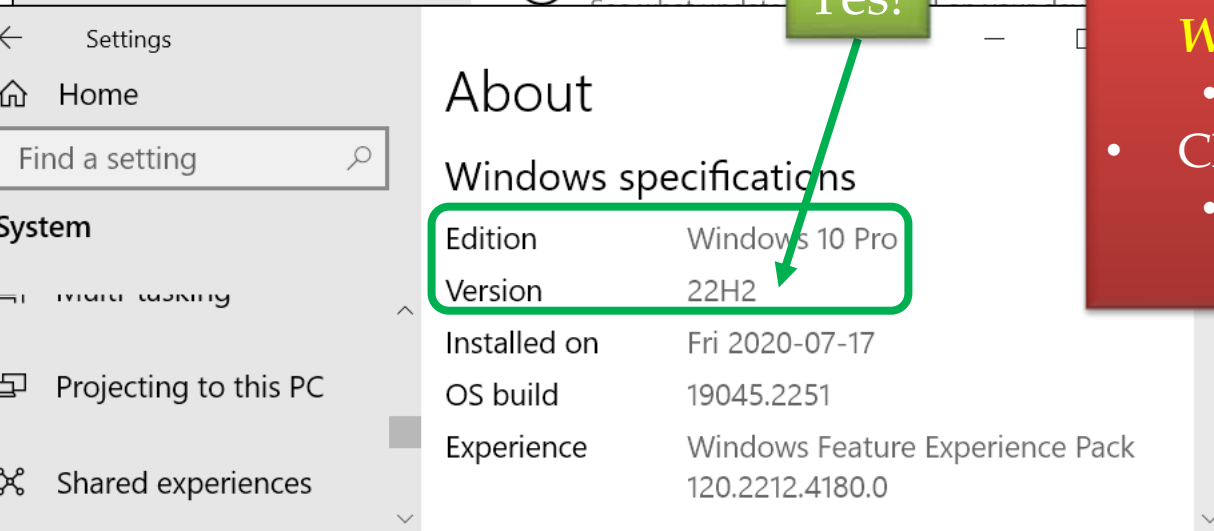
View optional updates

Pause updates for 7 days
Visit Advanced options to change the pause period

Change active hours
Currently 8:00 AM to 2:00 AM

View update history

Yes!



About

Windows specifications

Edition Windows 10 Pro

Version 22H2

Installed on Fri 2020-07-17

OS build 19045.2251

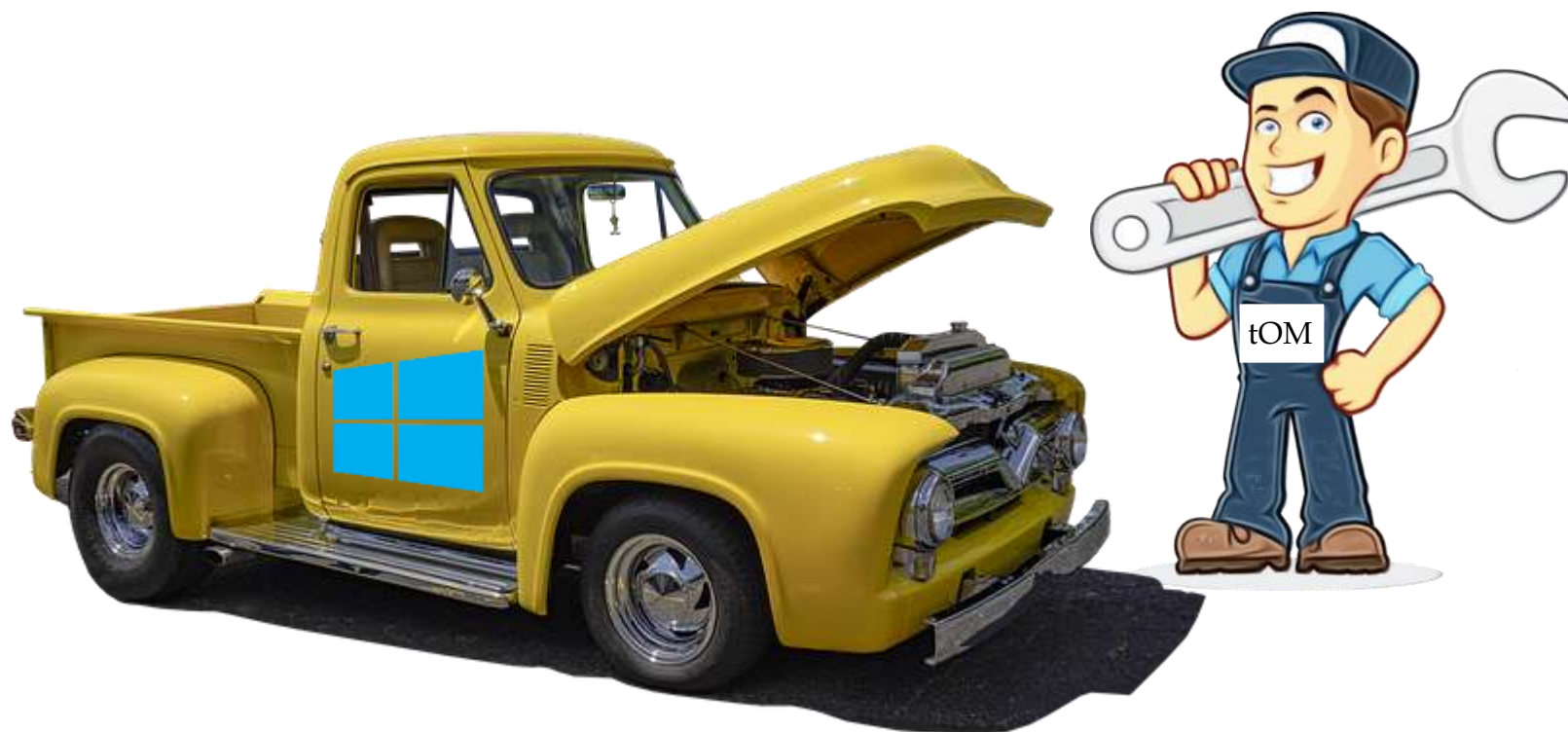
Experience Windows Feature Experience Pack 120.2212.4180.0

Lesson learned

- If *Windows Update* indicates **Windows 11 is ready to be installed**
 - ...and you don't want Windows 11
- Click **Stay on Windows 10 for now**
 - to ensure you get all the latest Windows 10 updates

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Under the Windows' Hood - Part 1



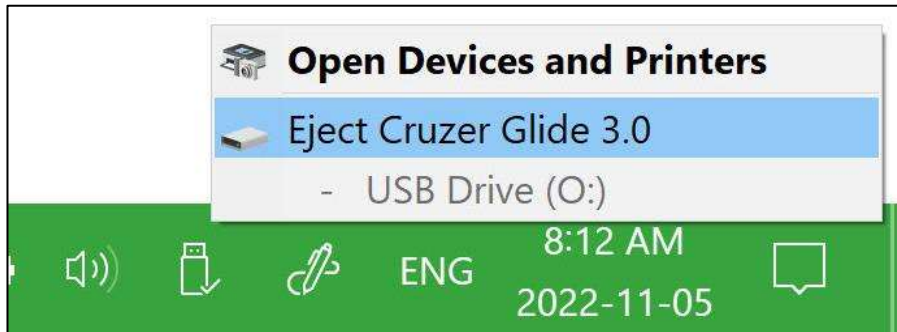
View the presentation of this item at:
[20221116_UnderTheHood_Part1.pdf](#)

Tom Trottier

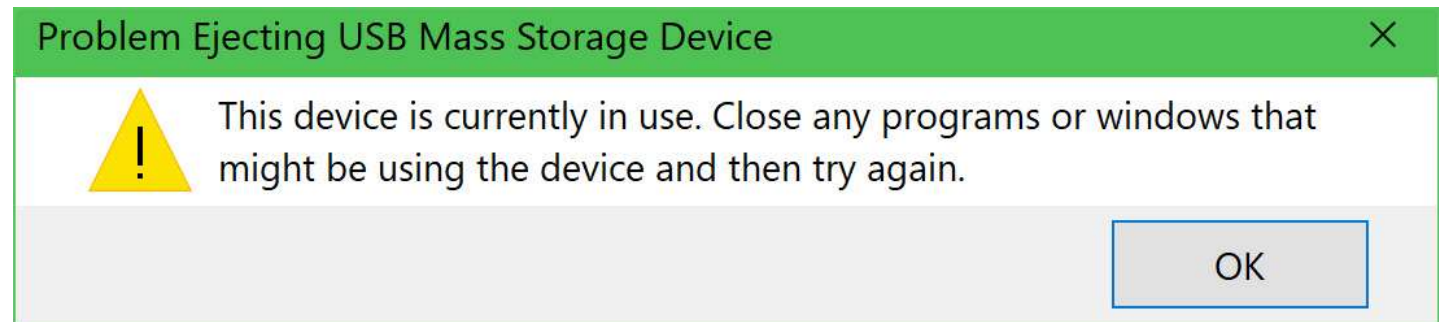
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New PowerToy File Locksmith

Did you ever go to eject a flash drive...



Arggggg...a “locked” file



Warning is a good thing

- prevents *possible* data loss
 - e.g. open data file with unsaved changes
- can be difficult to find the “program or window”

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New in PowerToys 0.64.0

File Locksmith



A Windows shell extension to find out which processes are using the selected files and directories.

[Learn more about File Locksmith](#)



Enable File Locksmith

On



Open

Open in new window

Pin to Quick access

Turn BitLocker on

Open AutoPlay...

Open with Microsoft Defender...

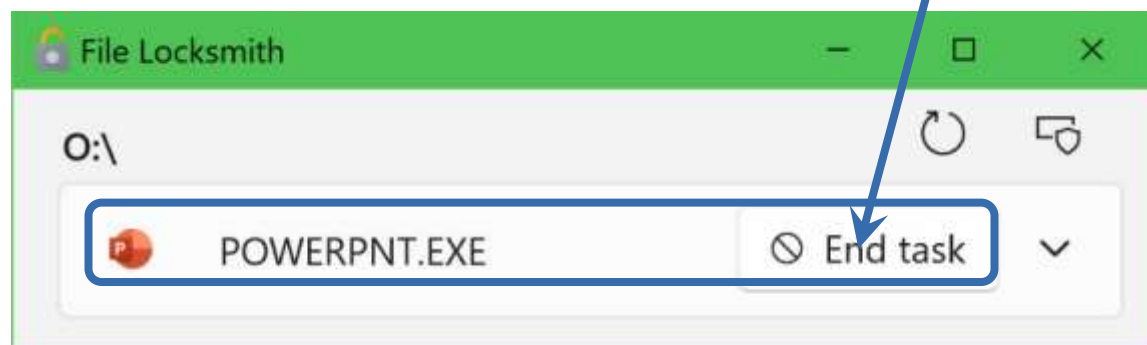
What's using this file?

USB Drive (O:)

23.9 GB free of 58.1 GB

Right-click flash drive
in *File Explorer*

Click to *End task* locking device



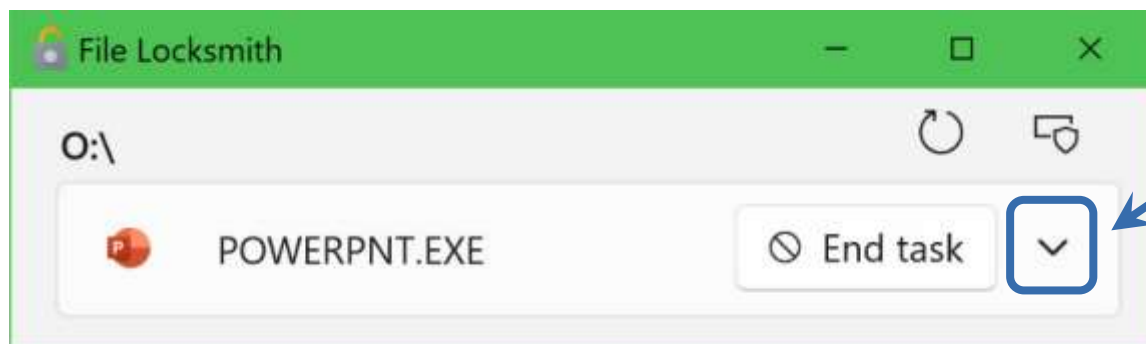
No better than just
pulling flash drive

- could lose data

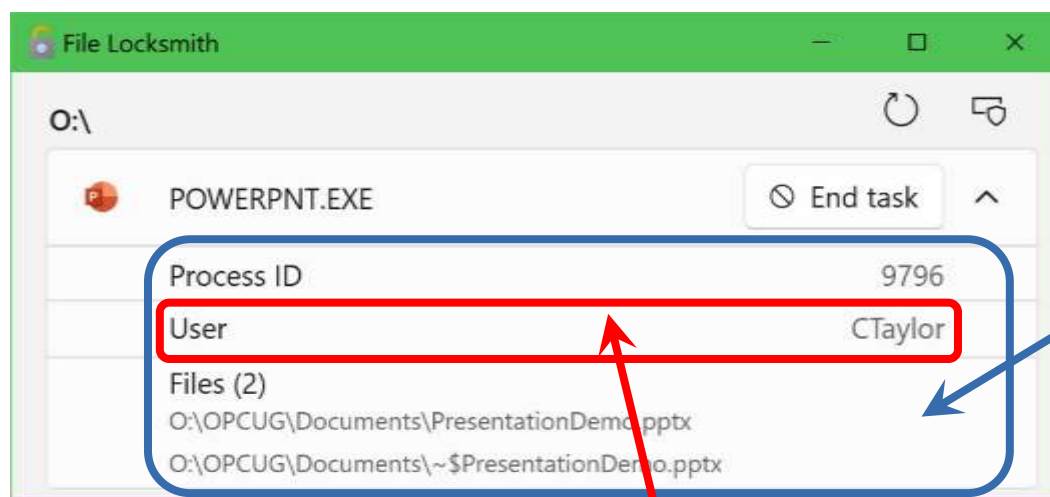
<https://docs.microsoft.com/en-us/windows/powertoys/>

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Details, details



Click chevron



More info on what is causing the lock

- see what documents are at risk
- switch to PowerPoint & close documents

Useless

- does not identify files when they are locked by other users!

Share

Very useful

- Works on files, folders, and drives to unlock things
 - identifies files so you can go close them
 - or can kill the process locking the file, unlocking the file
- But not ideal...
 - only action available is terminate program causing the lock
 - you could lose data
 - might be better to leave the program running
 - kill the “lock” on the file
 - program still running, maybe you can *Save As* to new file
 - file locks from other signed-in users not detected
 - sometimes processes can't be terminated
 - viruses, critical Windows processes
 - Windows permissions problems



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LockHunter

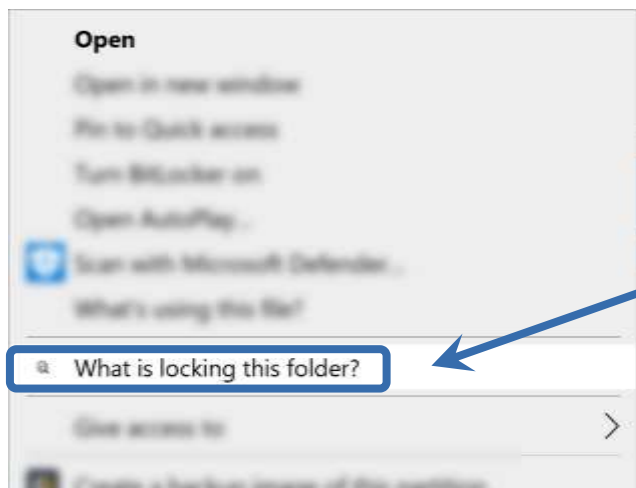


- Free program
- Features
 - shows processes locking a file or folder (or drive)
 - detailed information on the process
 - unlock, delete, copy or rename a locked file
 - delete a file at next OS restart
 - kill locking process
 - remove locking processes from hard drive
 - unload DLLs from processes
 - integrates in Explorer right-click menu
 - deletes files to recycle bin (restore if deleted by mistake)

Capabilities
beyond *File*
Locksmith

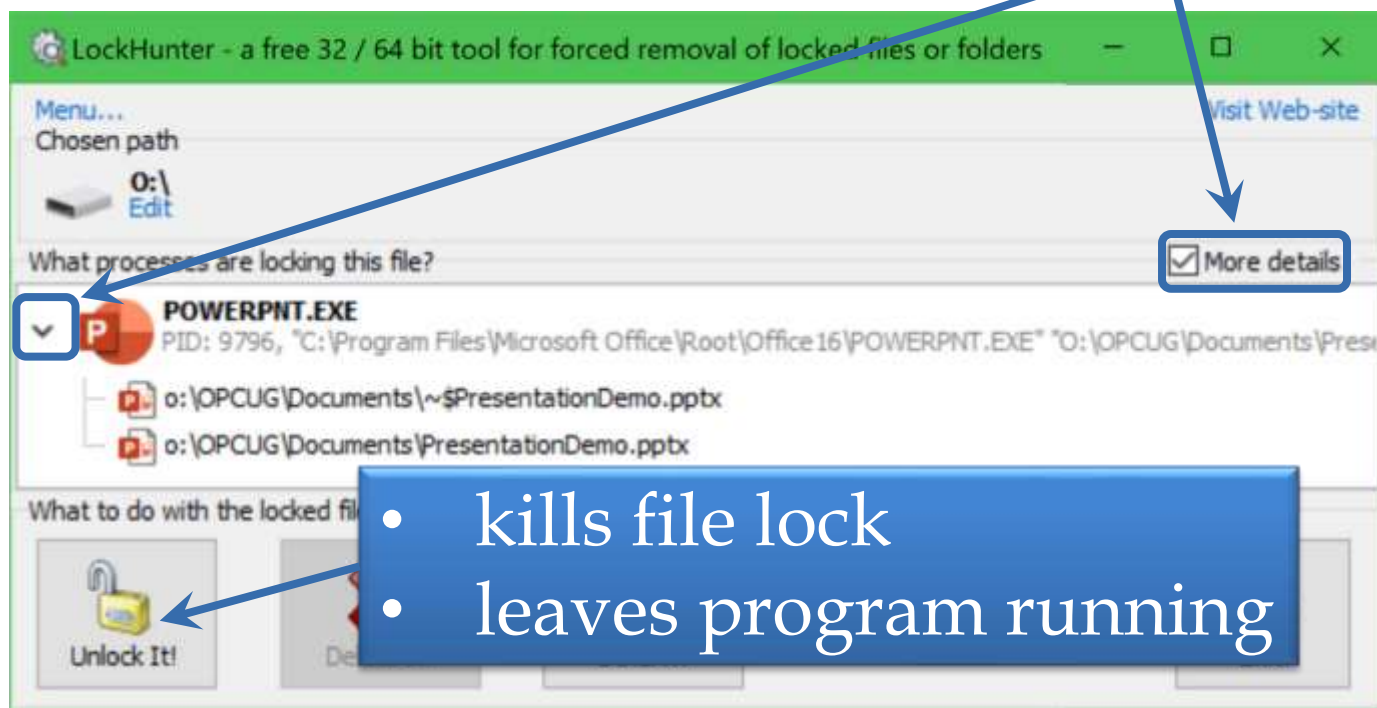
<https://lockhunter.com/>

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Right-click flash drive
in file Explorer

More details & chevron



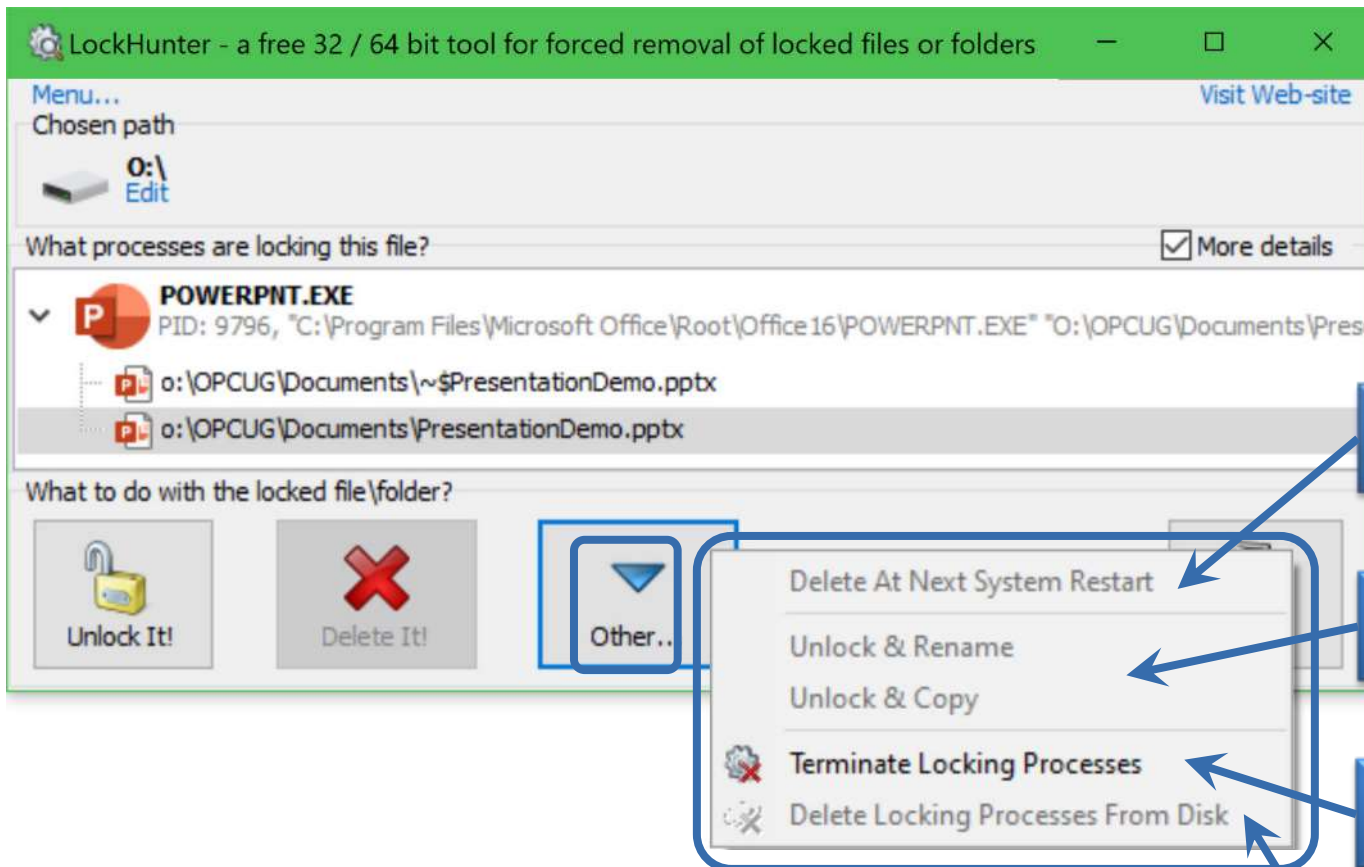
- kills file lock
- leaves program running

File locks by

- processes
(incl. process ID)
- files being locked

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More options



Delete stubborn files

Preserve copy of file

Like *File Locksmith*

Virus locking a file?

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PowerToy File Locksmith is good

- free
- “in the box”
 - for PowerToys users, nothing more to install
- handles most common issues of locked files

LockHunter is better

- free
- handles many more situations of locked files
- can see if a file is locked by a different user (but does not identify user)



PowerToys

<https://docs.microsoft.com/en-us/windows/powertoys/>

LockHunter

<https://lockhunter.com/>



**Any other:
Questions
Comments
Shares?**

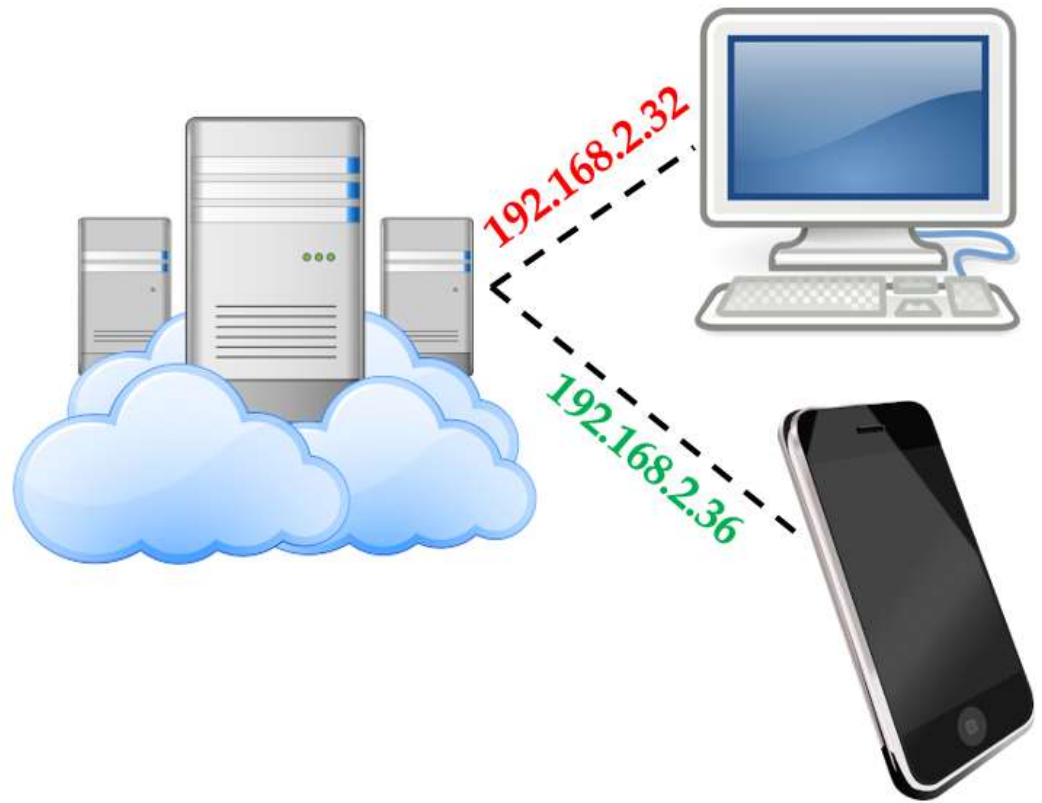
December Meeting



TCP/IP Overview

Stéphane Richard
OPCUG

December 14, 2022
7:30 pm





Ottawa Food Bank
La Banque d'Alimentation d'Ottawa

At past December meetings we have often supported the Ottawa Food Bank with food and cash donations.

Now we are on-line it's up to YOU to continue the tradition!

Most needed items include:
Rice, Pasta, Pasta Sauce, Canned Meat and Fish, Canned Fruit and Vegetables, Stew, Chili, Peanut Butter, Diapers, and Cash.

Donate at:
1317 Michael Street, Ottawa
or

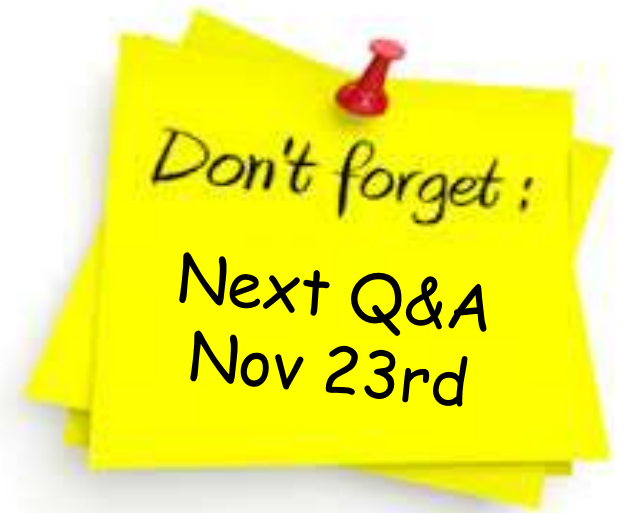
<https://www.ottawafoodbank.ca/donate/>



**Suggestions for
topics for
presentations at:**

**Monthly
Meetings**

meetings@opcug.ca



**Send your questions,
answers, and topics
you wish to share to:**

SuggestionBox@opcug.ca

