

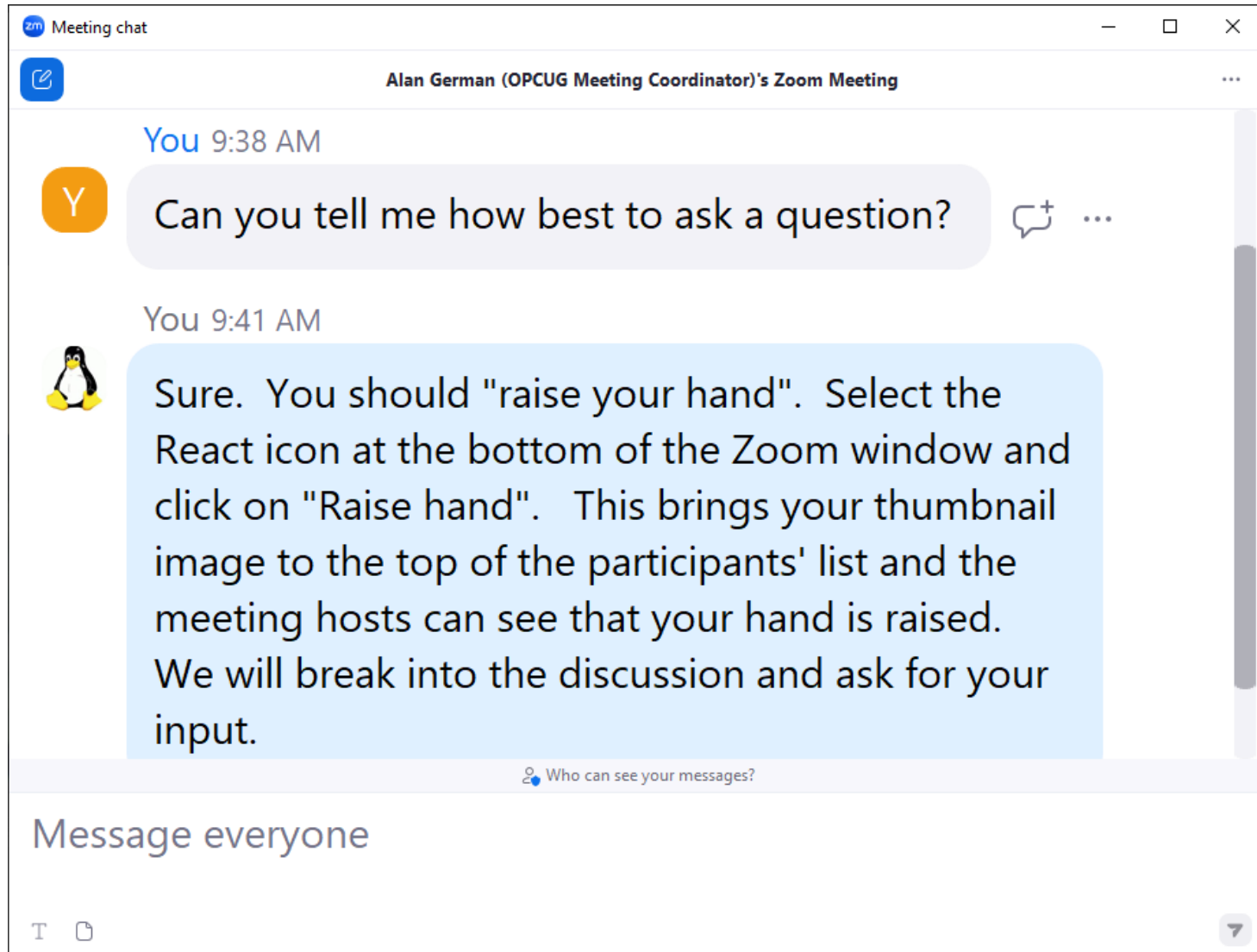


Alan German & Chris Taylor
Ottawa PC Users' Group

July 15, 2026



Raise hand in Zoom on Linux





Alan German (OPCUG Meeting Coordinator)

🎤 ^
Audio

📺 ^
Video

👤 1 ^
Participants

💬 ^
Chat

❤️ ^
React

📶 ^
Share

🛡️
Host tools

⋮
More

✕
End



Send with effect ⓘ



Reactions



Raise hand



Be right back

Alan German (OPCUG Meeting Coordinator)



Audio



Video



Participants 1



Chat



React



Share



Host tools



More



End





Confirmation: Extension to *Extended Security Updates*

- Last week we mentioned that Microsoft had silently updated the webpage for *Extended Security Updates for Windows 10*
- Coverage is now available through October 12, 2027
- Email from Microsoft today confirms this
 - Windows@infomails.microsoft.com

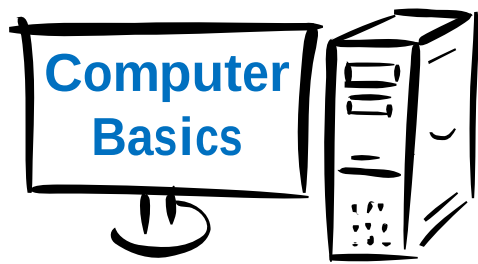
Stay secure for another year

Your Windows 10 Extended Security Updates (ESU) protection has been extended

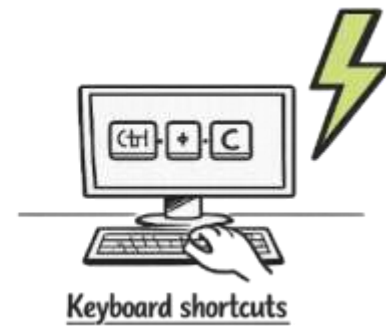
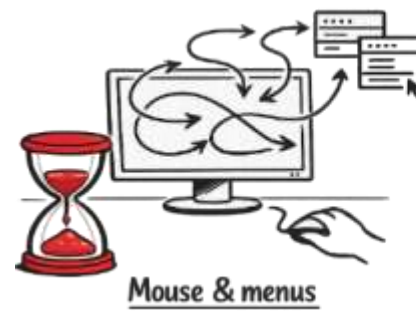
We understand that moving to a new PC can take time. As part of our ongoing commitment to helping customers stay secure during the transition, the Windows 10 Extended Security Updates (ESU) program for personal devices is being provided an additional year. **Coverage will now be available through October 12, 2027.**

As a current user enrolled in ESU, you will automatically receive an additional year of protection. No action is required on your end, the extension will be automatic.

- Previous coverage at Q&A
 - https://opcug.ca/qa_recordings/20250716_PowerPoint.pdf
 - https://opcug.ca/qa_recordings/20250723_PowerPoint.pdf
 - https://opcug.ca/qa_recordings/20251001_PowerPoint.pdf
 - https://opcug.ca/qa_recordings/20251015_PowerPoint.pdf



Keyboard shortcuts #15



- Lots of programs have keyboard shortcuts
 - but what are they?
 - check menus, help, online search
- Microsoft PowerToys *Shortcut Guide*
 - used to show common desktop shortcuts
 - when you hold down Windows key
 - revamped in PowerToys v0.100
 - can now show shortcut keys in (some) programs
 - default hotkey changed
 - from: hold down Windows key
 - to:    (can be customized)

Share

Microsoft PowerToys

- Microsoft PowerToys
 - collection of 32 utilities
 - *super-charge* many aspects of using your computer
 - almost daily basis I use:
 - Advanced Paste, Fancy Zones, Image resizer, Keyboard Manager, and Quick Accent
 - on a weekly basis, I use many more
- Install the entire collection
 - Microsoft Store: search for Microsoft PowerToys
 - Github: <https://aka.ms/installPowerToys>
 - Winget from a Command prompt or PowerShell
 - to install for current user
 - `winget install --id Microsoft.PowerToys --source winget`
 - to install for all users
 - `winget install --id Microsoft.PowerToys --source winget --scope machine`

File Explorer active

- press   

PowerPoint active

- press   

Inkscape active

- press   

Zoom active

- press   

Can always choose shortcuts for

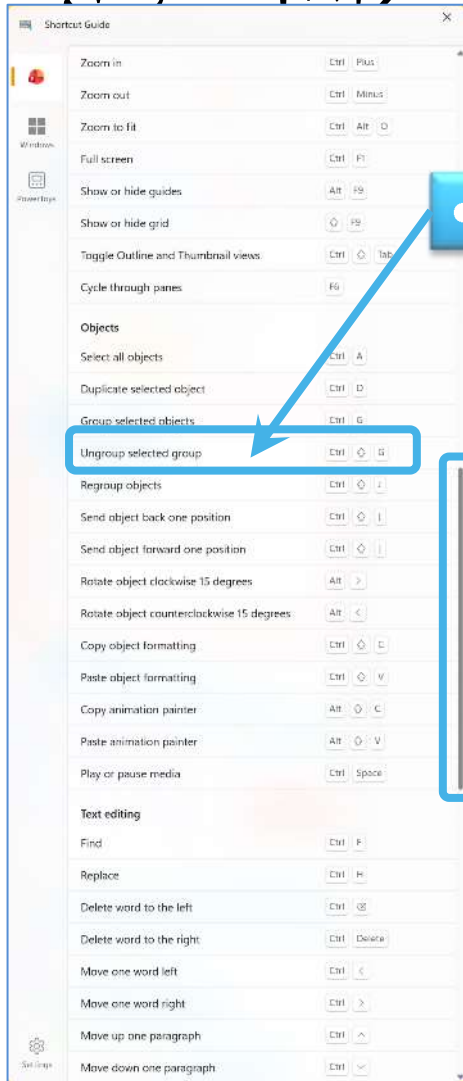
- Windows
- PowerToys

WTF ???

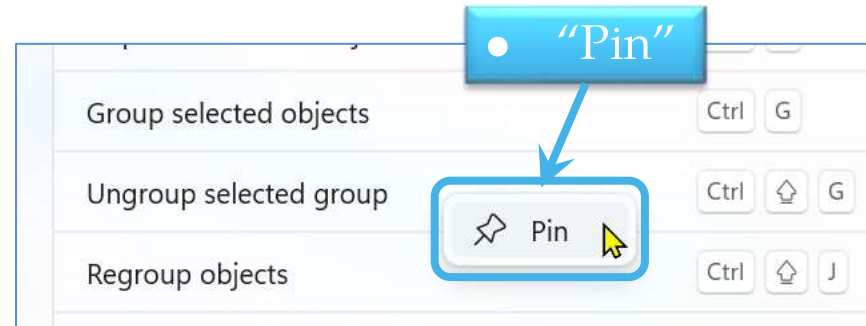
- Windows shortcuts
- no *manifest* for Zoom

Always forgetting a shortcut key?

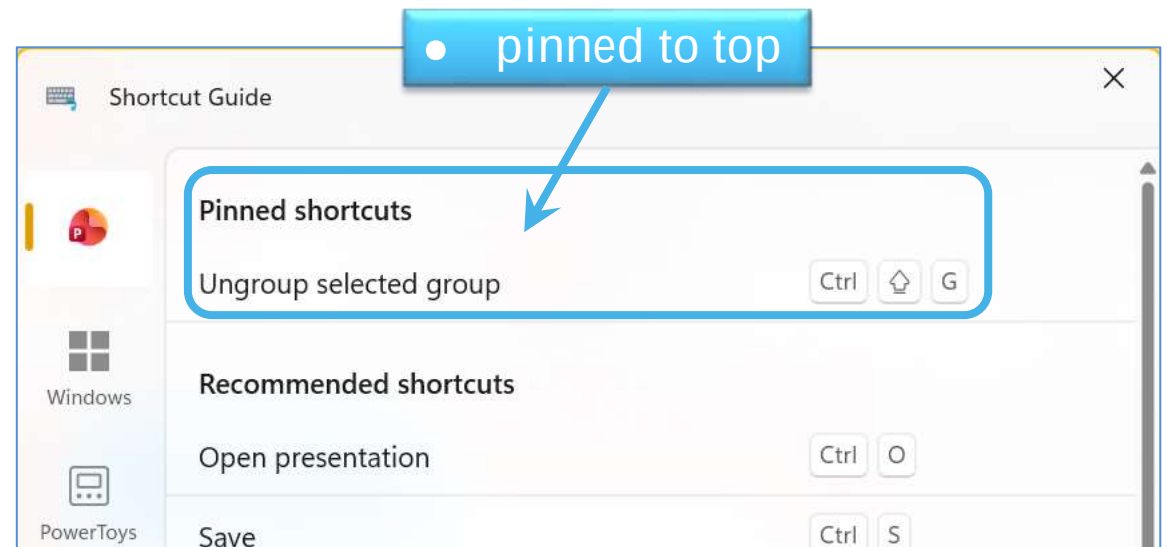
- is it waaay down the list?
- pin it to the top!



• right-click



• "Pin"



• pinned to top

Help page for Shortcut Guide

- <https://learn.microsoft.com/en-us/windows/powertoys/shortcut-guide>
- lots of programs supported *out-of-the-box*

Supported apps

Shortcut Guide ships with the following PowerToys releases. For the current canonical list (including any apps added after this article was last updated), see the Manifests folder in the PowerToys repository.

Expand table

Category	Apps
Windows	Windows shell (desktop and global shortcuts), File Explorer, Notepad, Paint
PowerToys	PowerToys (always shown as a background match)
Microsoft 365	Access, Excel, OneNote, Outlook, PowerPoint, Project, Publisher, Visio, Word
Browsers	Microsoft Edge, Google Chrome, Mozilla Firefox
Communication	Microsoft Teams, Slack, Discord, Telegram Desktop
Developer tools	Visual Studio Code, Windows Terminal, IntelliJ IDEA (Community)
Creative	Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe After Effects, Figma, GIMP, Inkscape, Blender

Create your own manifests

- instructions too obtuse...for me
- I have not been able to get this to work...yet

Add shortcuts for your own apps

Shortcut Guide reads its built-in manifests from the install folder, but it also picks up user-defined manifests from:

%LOCALAPPDATA%\Microsoft\WinGet\KeyboardShortcuts

Copy

Tip

Don't see an app you use? You can [open a feature request on the PowerToys repository](#) asking for a built-in manifest. Please include the app name and a link to the app's official keyboard shortcut documentation so the manifest can be authored accurately. If you'd rather not wait, you can add the shortcuts yourself with a [user manifest](#).

Can request a manifest be created

- may be bundled in a future update
- help other users
- requested manifests for:
 - Zoom Workspace
 - ON1 Photo RAW

Computer Basics



Shortcuts for Zoom Workspace

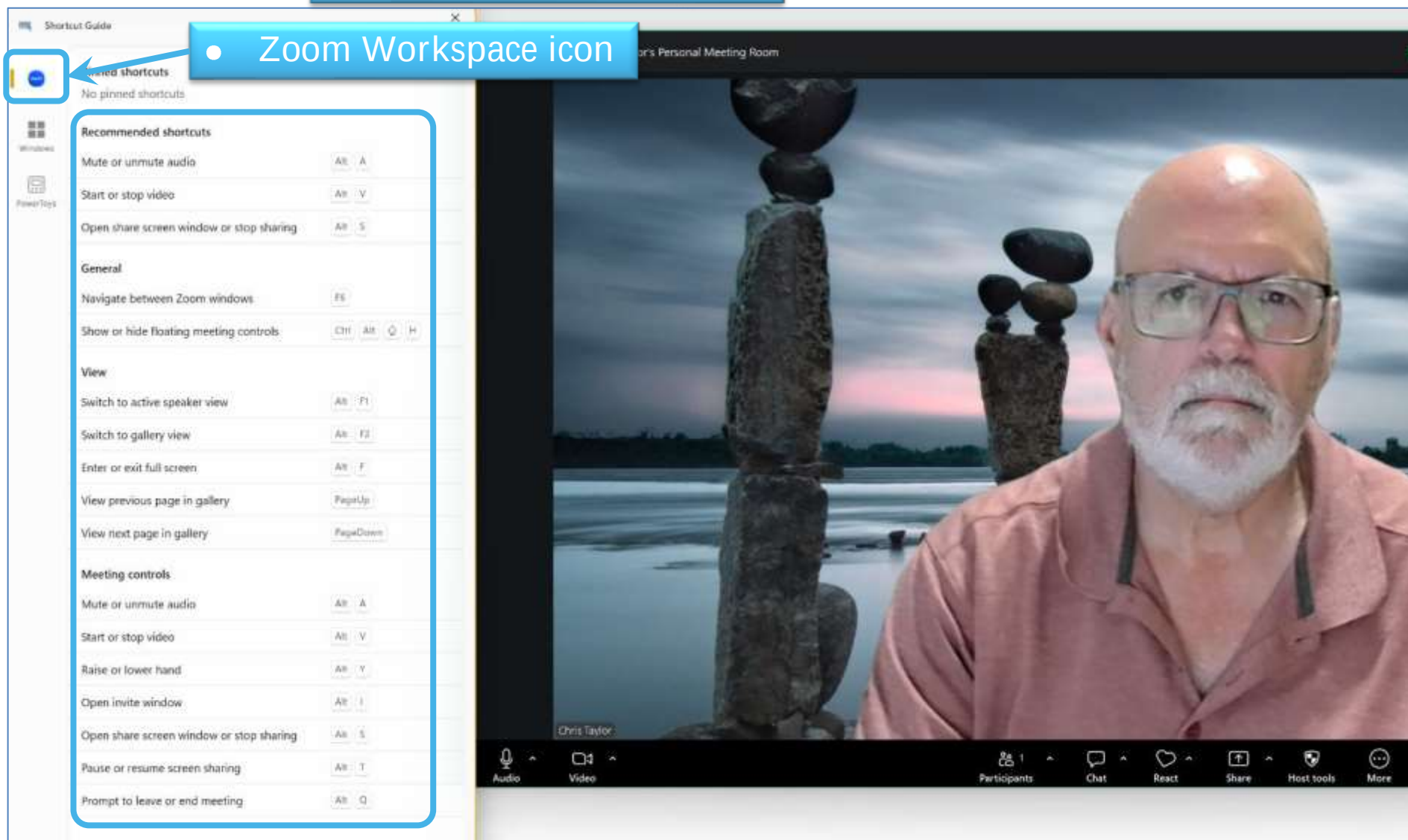
PowerToys team created Zoom Workspace manifest

- works perfectly

Zoom Workspace active

- press   

• Zoom Workspace icon



Category	Shortcut
Recommended shortcuts	Mute or unmute audio: Alt + A
	Start or stop video: Alt + V
	Open share screen window or stop sharing: Alt + S
General	Navigate between Zoom windows: F6
	Show or hide floating meeting controls: Ctrl + Alt + Q + H
View	Switch to active speaker view: Alt + F1
	Switch to gallery view: Alt + F2
	Enter or exit full screen: Alt + F
	View previous page in gallery: PageUp
	View next page in gallery: PageDown
Meeting controls	Mute or unmute audio: Alt + A
	Start or stop video: Alt + V
	Raise or lower hand: Alt + Y
	Open invite window: Alt + I
	Open share screen window or stop sharing: Alt + S
	Pause or resume screen sharing: Alt + T
	Prompt to leave or end meeting: Alt + Q

Chris Taylor

Audio Video Participants Chat React Share Host tools More

Computer Basics

Shortcuts for ON1 Photo RAW

- Photo RAW icon

PowerToys team created ON1 Photo RAW manifest

- didn't work
- using instructions for creating manifests
 - guessed what was needed to make it work
 - let PowerToys team know what I did to make it work

ON1 Photo RAW active

- press   

Notice vertical scrollbar

- tons of shortcuts in Photo RAW

Share

Vibe Coding – Part 8

Vibe Coding Competition

- The use of vibe coding will be on the honour system
- For those providing entries to the competition there will be two prizes offered:
 1. The most useful product
 2. The best presentation of the development process *

** The project doesn't have to be successful for this portion of the competition – stories of trials and tribulations, and even abysmal failure will be happily accepted*

Scheduled for October 14th



WMatch - Compare directories

File View Action Help



Source:

D:\

Target:

U:\

FileName	Size	Date		FileName	Size	Date
\$RECYCLE.BIN		2025-01-04 3:07:36		.Trash-1000		2025-10-28 4:56:38
0_archives		2026-01-04		0_archives		2026-01-04
adb		2025-11-11		adb		2025-11-11
agtemp		2026-01-26		agtemp		2026-01-26
alan		2025-12-30 4:58:12		alan		2025-12-30 5:13:36
alan_and_carol_home_page		2025-12-04 2:49:38		alan_and_carol_home_page		2025-12-04 6:02:52
bats		2026-01-16 5:14:14		bats		2026-01-16 5:14:20
mint		2026-01-28		mint		2026-01-19 2:52:20
nikon		2025-11-26 3:19:38		nikon		2025-11-26 3:20:04
OneDriveFiles		2025-10-28 7:39:26		OneDriveFiles		2025-10-28 4:01:28
original		2026-01-28		original		2026-01-27 6:19:42
receipts		2026-01-22 5:07:26		receipts		2026-01-22 5:12:14
Road Safety Research		2024-09-12 8:20:36		Road Safety Research		2025-01-24 9:12:44
System Volume Information		2023-12-11		System Volume Information		2025-10-27 4:09:52
thunderbird		2026-01-19		thunderbird		2026-01-20 9:00:14
thunderbird_local_folders		2025-12-09		thunderbird_local_folders		2026-01-20 9:00:26
transfer		2026-01-25		transfer		2026-01-25
utils		2022-01-25 9:40:38		utils		2025-01-24 9:14:02
z_pending		2025-09-18		z_pending		2025-09-18
wmatch_prototype.py	3,972	2026-01-28	←			
.sync.ffs_db	484,962	2026-01-25 8:35:40	✗	.sync.ffs_db	533,267	2026-01-25 8:35:40
cross_canada_news_gatherer.htm	2,129	2012-03-12 9:28:02	✓	cross_canada_news_gatherer.htm	2,129	2012-03-12 9:28:02
default.htm	4,220	2025-11-30	✓	default.htm	4,220	2025-11-30
dont-forget.png	64,667	2026-01-21 8:45:08	✓	dont-forget.png	64,667	2026-01-21 8:45:08

✓ Same sizes and times

✗ Different sizes

■ Exact match

⌚ Same sizes but different times

Swap source and target lists



Modern WMatch v5.6

D:/

Browse Left

U:/

Browse Right

Compare

Name	Size	Modified		Name	Size	Modified
(4D9EEB52-875E-457F-9DA1-...	4096	2026-03-09 19:59				
touch.exe	35840	2013-11-13 07:58	✓	touch.exe	35840	2013-11-13 07:58
thunderbird.msf	1233	2025-08-07 19:01	>>	thunderbird.msf	1233	2025-09-01 20:34
sync.ffs_db	47649	2026-03-14 12:04	>>	sync.ffs_db	96130	2026-03-14 12:04
skiing.png	512429	2025-12-16 18:42	✓	skiing.png	512429	2025-12-16 18:42
red_folder.kdbx	44990	2026-03-06 11:28	✓	red_folder.kdbx	44990	2026-03-06 11:28
lockbox	134217728	2026-03-13 13:44	✓	lockbox	134217728	2026-03-13 13:44
linux.htm	2695	2026-03-06 11:27	✓	linux.htm	2695	2026-03-06 11:27
index.htm	218	2024-12-20 10:38	✓	index.htm	218	2024-12-20 10:38
extract_patchmypc_updates.py	922	2026-03-12 11:12	✓	extract_patchmypc_updates.py	922	2026-03-12 11:12
EUMONBMP.SYS	273408	2026-03-09 19:58				
dont-forget.png	65711	2026-03-04 21:08	✓	dont-forget.png	65711	2026-03-04 21:08
default.htm	4220	2025-11-30 11:06	✓	default.htm	4220	2025-11-30 11:06
cross_canada_news_gatherer.h...	2129	2012-03-12 10:28	✓	cross_canada_news_gatherer.h...	2129	2012-03-12 10:28
.sync.ffs_db	44993	2026-03-13 13:45	>>	.sync.ffs_db	91748	2026-03-13 16:07
z_pending	0	2025-09-18 12:33		z_pending	0	2025-09-18 12:34
utils	0	2022-01-25 09:40		utils	0	2025-01-24 09:14
transfer	0	2026-03-14 11:39		transfer	0	2026-03-14 12:04
thunderbird_local_folders	0	2026-03-05 13:59		thunderbird_local_folders	0	2026-03-11 11:30

Progress to date / Future changes

- Select the folders to be compared
- Double-click to change directories
- Copy files between the folders
(but we have lost the control buttons!)
- Synchronize the file and folder names
- A single bar to control both directories
- A central column to indicate the file status

But still need to...

- Allow sorting of the file listings by name, size, and date-time stamp

Add the capability to sort the listings by file name, size, or date modified by clicking in the relevant column in the table header

Perfect — let's integrate **column sorting** directly into the WMatch clone. This means you can click on the **Name**, **Size**, or **Modified** headers in the left and right panes, and the table will sort accordingly.

sort all folders first then files

Perfect — we can implement “**folders first, files second**” sorting while still allowing the user to sort by **Name**, **Size**, or **Modified**.

Issues

```
D:\alan\WmatchClone>python wmatch_commander_style_v5_5.py
File "D:\alan\WmatchClone\wmatch_commander_style_v5_5.py", line 270
    self.left_table.setItem(r, 1, QTableWidgetItem(str(l["size"]_
                                                    ^
SyntaxError: '(' was never closed
```

Copy and paste the error message into ChatGPT

Ah! That error is a simple typo / copy-paste issue — there's a missing closing parenthesis on line 270 (and a similar line for the right table).

It should read:

```
self.left_table.setItem(r, 1, QTableWidgetItem(str(l["size"])))
```

Notice the **two closing parentheses** at the end: one for str(...) and one for setItem(...).

Similarly, for the right table:

```
self.right_table.setItem(r, 1, QTableWidgetItem(str(rr["size"])))
```

Click to sort

Modern WMatch v5.6

D:/

Browse Left

U:/

Browse Right

Compare

Name	Size	Modified		Name	Size	Modified
 \$RECYCLE.BIN	0	2025-01-04 15:07		 .Trash-1000	0	2026-02-28 14:41
 0_archives	0	2026-03-04 11:31		 0_archives	0	2026-03-04 12:12
 adb	0	2025-11-11 12:07		 adb	0	2025-11-11 12:08
 agtemp	0	2026-03-13 13:44		 agtemp	0	2026-03-13 13:45
 alan	0	2026-03-08 21:17		 alan	0	2026-03-08 21:53
 alan_and_carol_home_page	0	2025-12-04 14:49		 alan_and_carol_home_page	0	2025-12-04 18:02
 bats	0	2026-03-07 10:32		 bats	0	2026-03-07 10:33
 nikon	0	2026-01-29 16:53		 nikon	0	2026-01-29 17:56
 OneDriveFiles	0	2025-10-28 08:39		 OneDriveFiles	0	2025-10-28 17:01
 original	0	2026-03-14 09:43		 original	0	2026-03-14 12:04
 receipts	0	2026-03-13 17:52		 receipts	0	2026-03-13 16:06
 Road Safety Research	0	2024-09-12 21:20		 Road Safety Research	0	2025-01-24 09:12
 System Volume Information	0	2023-12-11 10:09		 System Volume Information	0	2025-10-27 17:09
 thunderbird	0	2026-03-14 10:01		 thunderbird	0	2026-03-13 16:06
 thunderbird_local_folders	0	2026-03-05 13:59		 thunderbird_local_folders	0	2026-03-11 11:30
 transfer	0	2026-03-14 11:39		 transfer	0	2026-03-14 12:04
 utils	0	2022-01-25 09:40		 utils	0	2025-01-24 09:14
 z_pending	0	2025-09-18 12:33		 z_pending	0	2025-09-18 12:34

Modern WMatch v5.6

D:/

Browse Left

U:/

Browse Right

Compare

Name	Size	Modified		Name	Size	Modified
{4D9EEB52-875E-457F-9DA1-...	4096	2026-03-09 19:59				
touch.exe	35840	2013-11-13 07:58	✓	touch.exe	35840	2013-11-13 07:58
thunderbird.msf	1233	2025-08-07 19:01	>>	thunderbird.msf	1233	2025-09-01 20:34
sync.ffs_db	47649	2026-03-14 12:04	>>	sync.ffs_db	96130	2026-03-14 12:04
skiing.png	512429	2025-12-16 18:42	✓	skiing.png	512429	2025-12-16 18:42
red_folder.kdbx	44990	2026-03-06 11:28	✓	red_folder.kdbx	44990	2026-03-06 11:28
lockbox	134217728	2026-03-13 13:44	✓	lockbox	134217728	2026-03-13 13:44
linux.htm	2695	2026-03-06 11:27	✓	linux.htm	2695	2026-03-06 11:27
index.htm	218	2024-12-20 10:38	✓	index.htm	218	2024-12-20 10:38
extract_patchmypc_updates.py	922	2026-03-12 11:12	✓	extract_patchmypc_updates.py	922	2026-03-12 11:12
EUMONBMP.SYS	273408	2026-03-09 19:58				
dont-forget.png	65711	2026-03-04 21:08	✓	dont-forget.png	65711	2026-03-04 21:08
default.htm	4220	2025-11-30 11:06	✓	default.htm	4220	2025-11-30 11:06
cross_canada_news_gatherer.h...	2129	2012-03-12 10:28	✓	cross_canada_news_gatherer.h...	2129	2012-03-12 10:28
.sync.ffs_db	44993	2026-03-13 13:45	>>	.sync.ffs_db	91748	2026-03-13 16:07
z_pending	0	2025-09-18 12:33		z_pending	0	2025-09-18 12:34
utils	0	2022-01-25 09:40		utils	0	2025-01-24 09:14
transfer	0	2026-03-14 11:39		transfer	0	2026-03-14 12:04
thunderbird_local_folders	0	2026-03-05 13:59		thunderbird_local_folders	0	2026-03-11 11:30

Issues

- Ability to select a sub-folder has been lost
- Copy-left and Copy-right buttons have disappeared
- Add double-click folder navigation and highlight every other row in all the tables in light blue

```
Traceback (most recent call last):  
  File "D:\alan\WmatchClone\wmatch_commander_style_v6.py", line 162, in compare  
    self.populate_tables()  
  File "D:\alan\WmatchClone\wmatch_commander_style_v6.py", line 209, in populate_tables  
    highlight_color = Qt.lightGray.lighter(150) # light blue-ish alternate row  
AttributeError: 'GlobalColor' object has no attribute 'lighter'
```

- Make the columns resizable by dragging the boundaries to the left or right

Issues

- Icons in the central table are no longer centered

```
File "D:\alan\WmatchClone\wmatch_commander_style_v6_2.py", line 115
    self.right_table.horizontalHeader().sectionClicked.connect(self.sort_
                                                                    ^
SyntaxError: '(' was never closed
```

- Icons in the central table are no longer centered
(Where have we seen this before?!!!)
- Central table still not centered

Drag to resize

Modern WMatch v6.4

D:\alan\WmatchClone Browse Left U:\alan\WmatchClone Browse Right

Compare

Name	Size	Modified
wmatch_advan...	7650	2026-03-11 21:16
wmatch_comm...	4848	2026-03-11 21:38
wmatch_comm...	5624	2026-03-11 21:43
wmatch_comm...	6009	2026-03-12 16:50
wmatch_comm...	6387	2026-03-13 20:57
wmatch_comm...	8032	2026-03-13 21:06
wmatch_comm...	6757	2026-03-14 14:22
wmatch_comm...	6802	2026-03-14 14:28
wmatch_comm...	7720	2026-03-14 14:31
wmatch_comm...	7720	2026-03-14 14:35
wmatch_comm...	8107	2026-03-14 14:40
wmatch_comm...	9646	2026-03-14 15:38
wmatch_comm...	9652	2026-03-14 15:50
wmatch_comm...	9667	2026-03-14 16:03
wmatch_comm...	9812	2026-03-14 16:12
wmatch_comm...	9839	2026-03-14 16:20
wmatch_level1...	5012	2026-03-11 21:31
wmatch_protot...	3794	2026-03-08 21:18
wmatch_twopa...	5143	2026-03-11 18:45

✓	wmatch_advan...	7650	2026-03-11 21:16
✓	wmatch_comm...	4848	2026-03-11 21:38
✓	wmatch_comm...	5624	2026-03-11 21:43
✓	wmatch_comm...	6009	2026-03-12 16:50
✓	wmatch_comm...	6387	2026-03-13 20:57
✓	wmatch_comm...	8032	2026-03-13 21:06
<<	wmatch_comm...	8116	2026-03-13 21:12
✓	wmatch_level1...	5012	2026-03-11 21:31
✓	wmatch_protot...	3794	2026-03-08 21:18
✓	wmatch_twopa...	5143	2026-03-11 18:45

Modern WMatch v6.4

D:\alan\WmatchClone

Browse Left

U:\alan\WmatchClone

Browse Right

Compare

Name	Size	Modified	
wmatch_advanced.py	7650	2026-03-11 21:16	✓
wmatch_commander_style.py	4848	2026-03-11 21:38	✓
wmatch_commander_style_v2.py	5624	2026-03-11 21:43	✓
wmatch_commander_style_v3.py	6009	2026-03-12 16:50	✓
wmatch_commander_style_v4.py	6387	2026-03-13 20:57	✓
wmatch_commander_style_v5.py	8032	2026-03-13 21:06	✓
wmatch_commander_style_v5_1.py	6757	2026-03-14 14:22	
wmatch_commander_style_v5_2.py	6802	2026-03-14 14:28	
wmatch_commander_style_v5_3.py	7720	2026-03-14 14:31	
wmatch_commander_style_v5_4.py	7720	2026-03-14 14:35	
wmatch_commander_style_v5_5.py	8107	2026-03-14 14:40	
wmatch_commander_style_v6.py	9646	2026-03-14 15:38	< <
wmatch_commander_style_v6_1.py	9652	2026-03-14 15:50	
wmatch_commander_style_v6_2.py	9667	2026-03-14 16:03	
wmatch_commander_style_v6_3.py	9812	2026-03-14 16:12	
wmatch_commander_style_v6_4.py	9839	2026-03-14 16:20	
wmatch_level1.py	5012	2026-03-11 21:31	✓
wmatch_prototype-01.py	3794	2026-03-08 21:18	✓
wmatch_twopane.py	5143	2026-03-11 18:45	✓

< >

Name	Size	Modified
wmatch_advanced.py	7650	2026-03-11 21:16
wmatch_commander_style.py	4848	2026-03-11 21:38
wmatch_commander_style_v2.py	5624	2026-03-11 21:43
wmatch_commander_style_v3.py	6009	2026-03-12 16:50
wmatch_commander_style_v4.py	6387	2026-03-13 20:57
wmatch_commander_style_v5.py	8032	2026-03-13 21:06
wmatch_commander_style_v6.py	8116	2026-03-13 21:12
wmatch_level1.py	5012	2026-03-11 21:31
wmatch_prototype-01.py	3794	2026-03-08 21:18
wmatch_twopane.py	5143	2026-03-11 18:45

>

Provide the ability to select one or more files and add Copy-left and Copy right-buttons on either side of the Compare button that will copy the files

Below is a **new version** (v6.5) of your WMatch clone that adds the features you requested:

New capabilities

1. Multi-file selection

- You can select **multiple rows** (Ctrl-click or Shift-click).
- Selection in either pane drives the operation.

2. Copy buttons

- **Copy → Left** (copies from right pane to left folder)
- **Copy → Right** (copies from left pane to right folder)

3. Buttons placed around Compare

[Copy → Left] [Compare] [Copy → Right]



4. Files only

- Directories are ignored during copy.
- Existing files are overwritten.

5. Selection synchronization

- Selecting rows in either pane selects the **same rows in all tables** so copy operations stay aligned.

Modern WMatch v6.5

D:\alan\WmatchClone Browse Left U:\alan\WmatchClone Browse Right

Copy → Left Compare Copy → Right

Name	Size	Modified		Name	Size	Modified
0_important_file.txt	0	2026-03-14 19:56				
wmatch_advanced.py	7650	2026-03-11 21:16	✓	wmatch_advanced.py	7650	2026-03-11 21:16
wmatch_commander_style.py	4848	2026-03-11 21:38	✓	wmatch_commander_style.py	4848	2026-03-11 21:38
wmatch_commander_style_v2.py	5624	2026-03-11 21:43	✓	wmatch_commander_style_v2.py	5624	2026-03-11 21:43
wmatch_commander_style_v3.py	6009	2026-03-12 16:50	✓	wmatch_commander_style_v3.py	6009	2026-03-12 16:50
wmatch_commander_style_v4.py	6387	2026-03-13 20:57	✓	wmatch_commander_style_v4.py	6387	2026-03-13 20:57
wmatch_commander_style_v5.py	8032	2026-03-13 21:06	✓	wmatch_commander_style_v5.py	8032	2026-03-13 21:06
wmatch_commander_style_v5_1.py	6757	2026-03-14 14:22	✓	wmatch_commander_style_v5_1.py	6757	2026-03-14 14:22
wmatch_commander_style_v5_2.py	6802	2026-03-14 14:28	✓	wmatch_commander_style_v5_2.py	6802	2026-03-14 14:28
wmatch_commander_style_v5_3.py	7720	2026-03-14 14:31	✓	wmatch_commander_style_v5_3.py	7720	2026-03-14 14:31
wmatch_commander_style_v5_4.py	7720	2026-03-14 14:35	✓	wmatch_commander_style_v5_4.py	7720	2026-03-14 14:35
wmatch_commander_style_v5_5.py	8107	2026-03-14 14:40	✓	wmatch_commander_style_v5_5.py	8107	2026-03-14 14:40
wmatch_commander_style_v6.py	9646	2026-03-14 15:38	✓	wmatch_commander_style_v6.py	9646	2026-03-14 15:38
wmatch_commander_style_v6_1.py	9652	2026-03-14 15:50	✓	wmatch_commander_style_v6_1.py	9652	2026-03-14 15:50
wmatch_commander_style_v6_2.py	9667	2026-03-14 16:03	✓	wmatch_commander_style_v6_2.py	9667	2026-03-14 16:03
wmatch_commander_style_v6_3.py	9812	2026-03-14 16:12	✓	wmatch_commander_style_v6_3.py	9812	2026-03-14 16:12
wmatch_commander_style_v6_4.py	9839	2026-03-14 16:20	✓	wmatch_commander_style_v6_4.py	9839	2026-03-14 16:20
wmatch_commander_style_v6_5.py	12732	2026-03-14 19:55				
wmatch_level1.py	5012	2026-03-11 21:31	✓	wmatch_level1.py	5012	2026-03-11 21:31
wmatch_prototype-01.py	3794	2026-03-08 21:18	✓	wmatch_prototype-01.py	3794	2026-03-08 21:18
wmatch_twopane.py	5143	2026-03-11 18:45	✓	wmatch_twopane.py	5143	2026-03-11 18:45

Modern WMatch v6.5

D:\alan\WmatchClone

Browse Left

U:\alan\WmatchClone

Browse Right

Copy → Left

Compare

Copy → Right

Name	Size	Modified
0_important_file.txt	0	2026-03-14 19:56
wmatch_advanced.py	7650	2026-03-11 21:16
wmatch_commander_style.py	4848	2026-03-11 21:38
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wmatch_commander_style_v3.py	6009	2026-03-12 16:50
wmatch_commander_style_v4.py	6387	2026-03-13 20:57
wmatch_commander_style_v5.py	8032	2026-03-13 21:06
wmatch_commander_style_v5_1.py	6757	2026-03-14 14:22
wmatch_commander_style_v5_2.py	6802	2026-03-14 14:28
wmatch_commander_style_v5_3.py	7720	2026-03-14 14:31
wmatch_commander_style_v5_4.py	7720	2026-03-14 14:35
wmatch_commander_style_v5_5.py	8107	2026-03-14 14:40
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wmatch_commander_style_v6_1.py	9652	2026-03-14 15:50
wmatch_commander_style_v6_2.py	9667	2026-03-14 16:03
wmatch_commander_style_v6_3.py	9812	2026-03-14 16:12
wmatch_commander_style_v6_4.py	9839	2026-03-14 16:20
wmatch_commander_style_v6_5.py	12732	2026-03-14 19:55
wmatch_level1.py	5012	2026-03-11 21:31
wmatch_prototype-01.py	3794	2026-03-08 21:18
wmatch_twopane.py	5143	2026-03-11 18:45

✓

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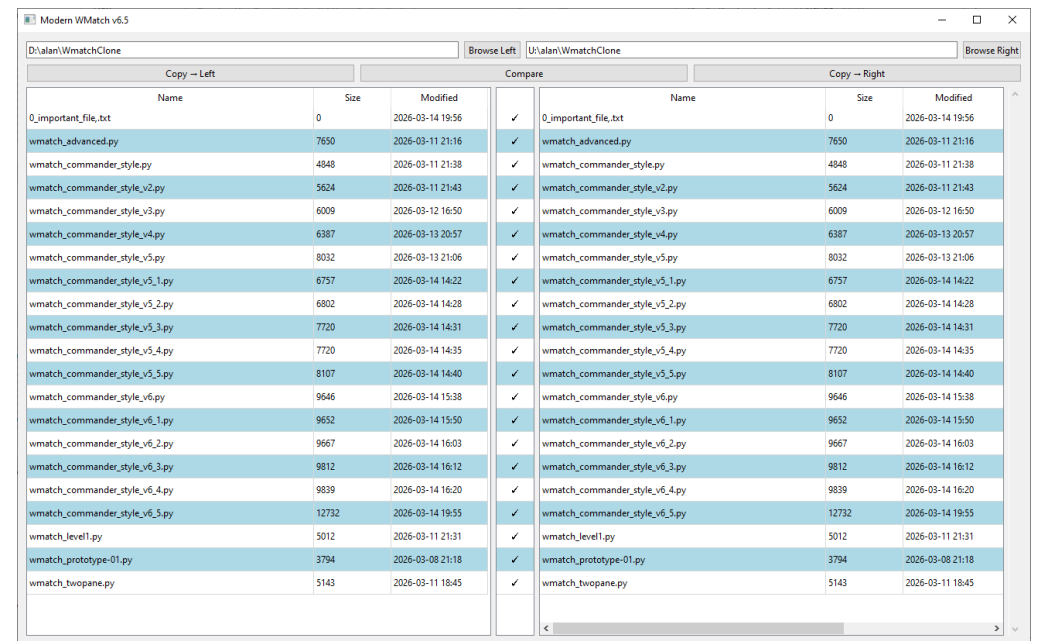
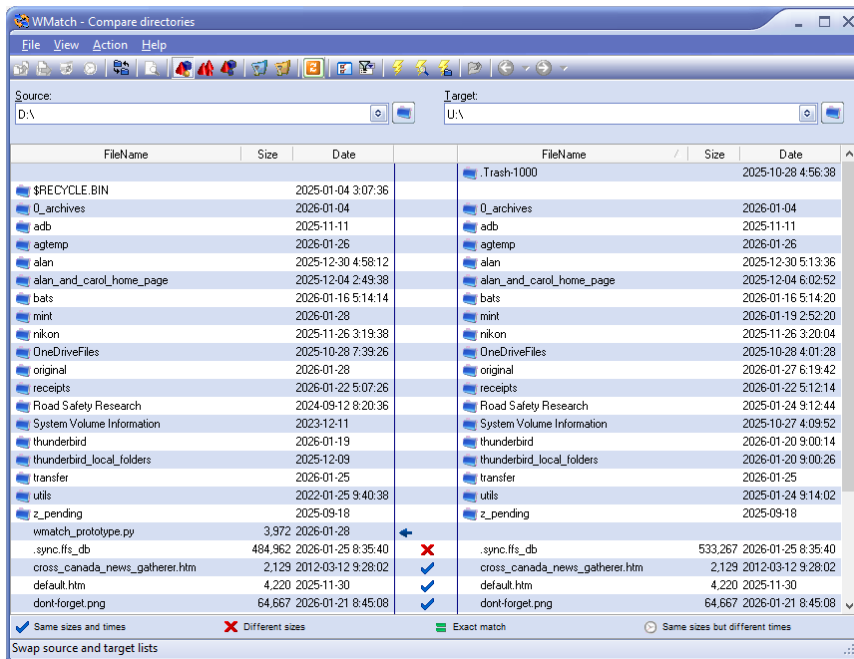
✓

✓

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wmatch_prototype-01.py	3794	2026-03-08 21:18
wmatch_twopane.py	5143	2026-03-11 18:45

<

>



Success! – more or less

Basic compare, select, and copy functions
have been replicated purely using vibe coding!

Share

Windows 11

Point-in-time restore

- Latest tool from Microsoft for computer recovery
 - for Windows 11 Home, Pro, & Enterprise 24H2 and later
- *...designed to recover in minutes instead of hours, with confidence, by safely rolling a device back to a previous state*
- Uses Restore Points to recover:
 - Windows OS
 - installed applications
 - system and app configurations
 - settings
 - local user files

<https://techcommunity.microsoft.com/blog/windows-itpro-blog/point-in-time-restore-for-windows-11-is-now-generally-available/4508101>

Key characteristics

- Automatic and predictable
 - restore points captured on schedule (default: every 24 hours)
- Fast, full-system recovery
 - restore entire system to a previous state in minutes
- Designed for real-world disruptions
 - useful for problematic updates, driver regressions, app corruption, configuration errors or other changes resulting in system instability
- Built into Windows 11
 - configuration available within system settings
 - restore operations initiated from Windows RE
 - will kick in automatically if boot fails (sometimes requires multiple failed boots)
 - trusted recovery path even when Windows PC won't boot

Difference with *System Restore*

- Point-in-time restore
 - more comprehensive
 - built for modern Windows PCs management and recovery

	Point-in-time restore	System restore
Restore points	Automatic, configurable cadence; user files are included in restore point	Event-triggered or manual only; user files are excluded from restore point
Reliability	Strict retention and cleanup policies	No retention limits
User experience	Integrated in system settings	Limited to control panel
Storage impact	Minimizes storage impact by integrating with reserved storage	Higher impact to storage space
Management	Will support robust remote management capabilities	Limited remote management capabilities

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Important considerations before you restore

- Point-in-time restore is a powerful recovery tool
 - important to understand its behavior and impact:
- Data loss
 - **any changes made after the selected restore point including files, apps, and settings will be lost.**
 - cloud data is not affected but may require resync
- Local storage
 - restore points are stored locally and require sufficient disk space
 - older restore points automatically removed when limits reached
- BitLocker protection
 - **BitLocker recovery key required when restoring encrypted devices**
 - https://opcug.ca/qa_recordings/20250709_PowerPoint.pdf

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Do you have it?

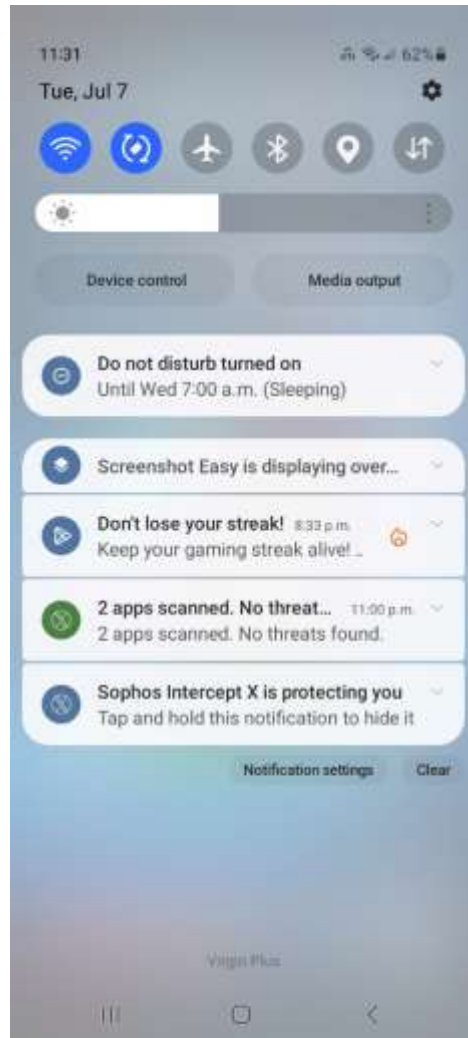
Settings > System > Recovery >
Point-in-time restore

I don't see it yet

- 2 computers with Windows 11 Pro 25H2
- 1 computer with Windows 11 Home 25H2

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Google Play Notification Annoyance



Don't lose your streak! 8:33 p.m.
Keep your gaming streak alive! ..



2:00

10%



Intercept X



OldSchool
Editor



Shortcut
Maker



Software
Data Cable



Screenshot
Easy



X-plore



MuPDF viewer



GSam Battery
Monitor



Awesome
Icons



My Files



Galaxy Store



Play Store



NatureCounts



Pishing



Owl bird
attraction



eBird



Covid19-Alan-
2025.pdf



Walkmeter

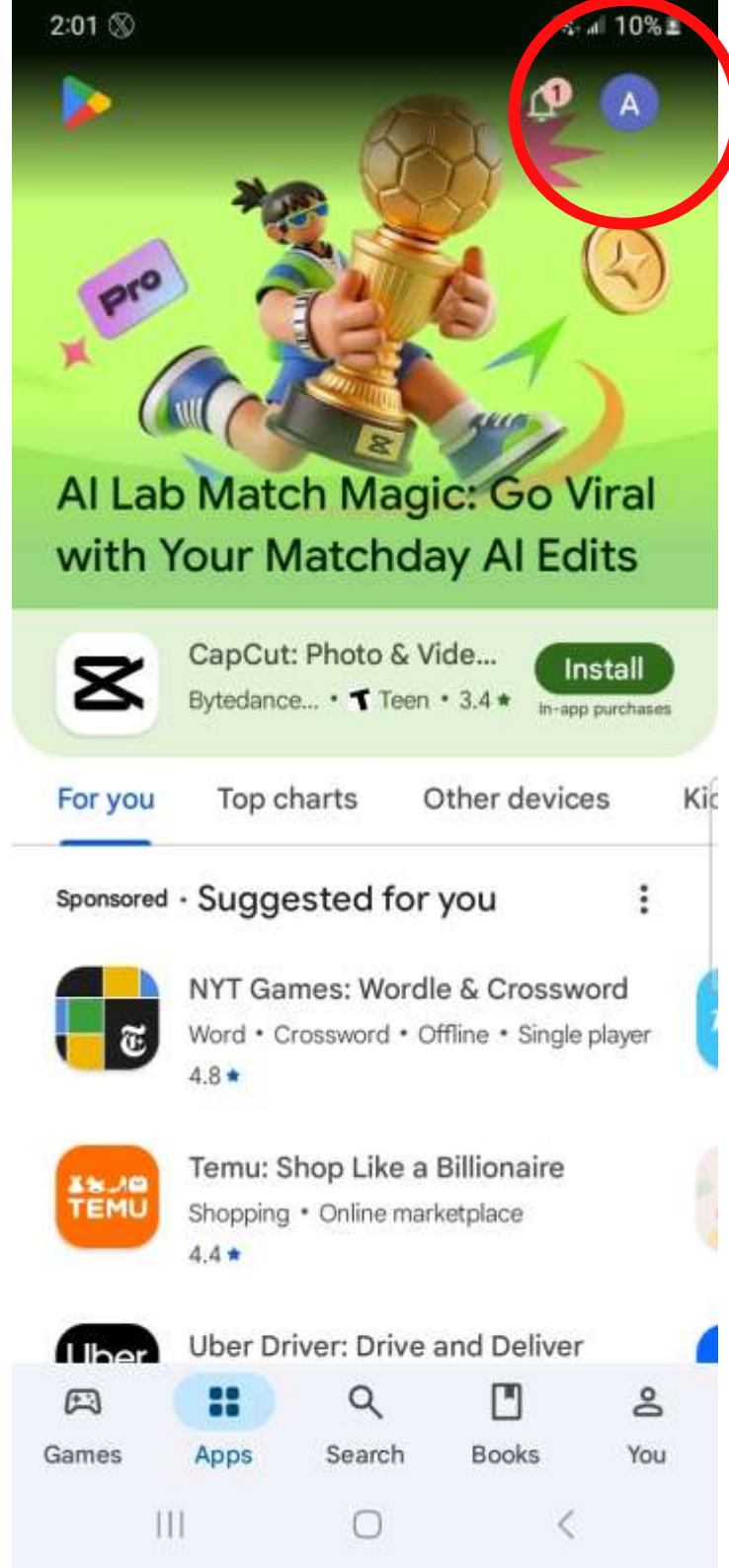


WiFiAnalyzer



Tail Gun
Charlie





Select Profile



More from Google Play

**JiltedTenure42**

Google Play Games profile



Manage apps & device



Notifications & offers



Payments & subscriptions



Play Protect



Library



Play Pass



Personalization in Play



Settings



Help & feedback

← Settings

General

Account preferences, notifications



Account and device preferences

Account, country, & history

Notifications

Manage notification settings

Theme

System default

Play Games profile

Edit your gaming profile image and username

Google Play Store Feedback

Control surveys and responses

Use device location

Play can recommend apps, offers, and other local content based on your device location. [Learn more](#)



Automatically archive apps

Apps you use rarely will be archived when your storage runs low. [Learn](#)



← Notification settings

For this device only

Account

Notify about upcoming charges or problems with payment methods



Updates available

Notify when updates are available for apps



Updates completed

Notify when an app is finished updating



For your account (androidamass@gmail.com)

Pre-registration

Notify when you can pre-register for new games we think you'll like



Deals and promotions

Notify when there are offers we think you'll like



Genres you follow

Scroll down



Pre-registration

Notify when you can pre-register for new games we think you'll like



Deals and promotions

Notify when there are offers we think you'll like



Genres you follow

Notify when there are updates about game genres you follow



Your gaming community

Notify when you have new profile followers, follow requests, and accepted follow requests



Community posts

Notify when there are updates to your posts



Leagues updates

Notify when updates are available about leagues you joined



Gaming streak at risk

Notify when you are at risk of breaking your gaming streak



Pre-registration

Notify when you can pre-register for new games we think you'll like



Deals and promotions

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Gaming streak at risk

Notify when you are at risk of breaking your gaming streak



Monitor switching off

- Dell XPS 8950 with NVIDIA GeForce RTX 3060
- Random black screen for 1 second - like video card resetting
 - frequency of blank screens ranged from every two minutes to one or two per day
- Things tried
 - updated NVIDIA driver at least 15 times (both *Game Ready Driver* and *Studio driver*)
 - changed some settings such as refresh rate
 - uninstalled NVIDIA drivers & used the NVIDIA driver cleaner program
 - Windows installed basic video driver. Bad performance & random black screens started again
 - reinstalled NVIDIA drivers and the random blank screen appeared again
 - concluded problem not video drivers
 - borrowed monitor from a friend
 - random black screen **did not** occur. So issue is with ASUS monitor
- Searched on Google about my specific monitor model
 - *To fix random black screens on your ASUS VX228H, start by hard power cycling the monitor: unplug the power adapter from the wall, wait at least 30 seconds to let residual power dissipate, and plug it back in tightly.*
- I never turn off my monitor which is on a UPS
 - when PC off, monitor just goes to sleep mode
- Conclusion: Once in a while, turn off your monitor...

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Chris had same problem



- BenQ PD3200U on HDMI to NVIDIA RTX 3070 Ti
 - hoped Stephane's solution of powering off monitor works
 - turns out—for me—it didn't work
 - hour after powering off monitor, blanking happened again
- Search mentioned other possible problems
 - <https://www.perplexity.ai/search/6e35919a-1675-4a3e-990f-de485f367879>
 - *This behavior on the BenQ PD3200U is a known issue related to HDMI "blackout" / intermittent link loss, and it's especially common when:*
 - using long or low-quality HDMI cables (**not the problem**)
 - having variable refresh rate (VRR) / FreeSync enabled (**not the problem**)
 - the monitor's HDMI link is unstable and the GPU keeps re-negotiating the signal
- *Your workaround (turning on a secondary DisplayPort monitor, then turning it off) is consistent with the GPU re-initializing the video output and re-establishing the HDMI link on the BenQ*



YouTubeTech

12 Steps to Keep from Getting Your Account Hacked



- Ask Leo video
 - select a good password
 - protect your password
 - how to choose good security questions
 - set (and maintain!) an alternate email address(es)
 - set (and maintain!) mobile or other telephone number(s)
 - enable two-factor authentication
 - use other provider-specific techniques when available
 - use a different password on every site
 - use a password vault
 - be skeptical
 - remember that free services have little to no support
 - learn from your mistakes if it ever happens to you
- Each tip has a link to another video with more in-depth info

<https://www.youtube.com/watch?v=Md55NBCMbhQ>



YouTubeTech

I Went Back to Windows 11



I Went Back To Windows 11...



Switch and Click ✓
1.29M subscribers

Join

Subscribe

👍 15K



➦ Share

<https://www.youtube.com/watch?v=vg-EwKrnIMU>



**Any other:
Questions
Comments
Shares?**



OPCUG PRESENTATIONS AT THE OTTAWA PUBLIC LIBRARY

Cancelled due to flooding

Quick PC Tips

Chris Taylor

Carlingwood, Monday Jul 20, 2026 at 6:00pm

*Learn how to extend the battery life of your PC,
discover the handy Microsoft PowerToys, detect fake
USB flash drives before you lose data, learn...*

<https://booking.biblioottawalibrary.ca/en/program?text=ottawa+pc>

A banner with a dark blue background featuring a faint, abstract geometric pattern of lines and shapes. The text "OPCUG PRESENTATIONS AT THE OTTAWA PUBLIC LIBRARY" is written in a bold, light blue, sans-serif font, centered horizontally and split into two lines.

OPCUG PRESENTATIONS AT THE OTTAWA PUBLIC LIBRARY

List of all presentations the Ottawa PC Users' Group offers at the Ottawa Public Library.

<https://opcug.ca/opl/all-opl-presentations.pdf>

If a program you would like is not currently scheduled, speak to your local librarian about the possibility of having it in the future.

Members Only!

OPCUG-Member-Forum

- Google Group where members can post questions or anything of general interest to other members
- Accessible 24/7/365 (always-on Q&A!)
- Only members of the OPCUG will be authorized to access the group

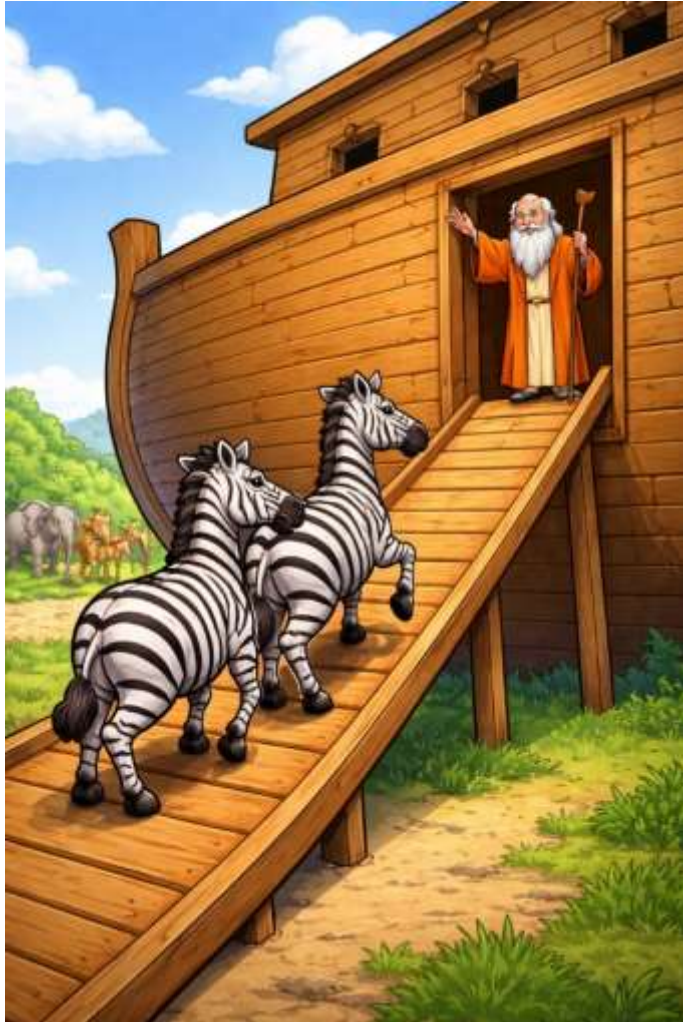
One-on-one remote assistance

- Send E-mail request for assistance
- Request is sent to a group of volunteers
- Assistance through remote-access to your computer
- Available only to OPCUG members



<https://opcug.ca/google-groups-how-to/>

Two-By-Two

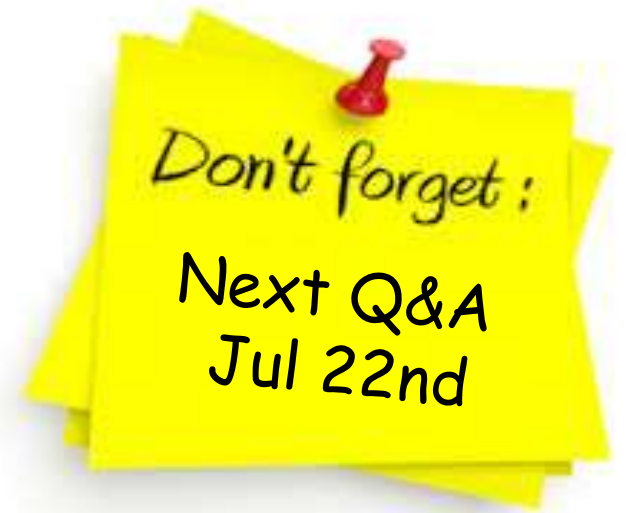


Previous Topics:

- Digital Image Viewers
- Audio Players
- PDF Viewers
- Text Editors

**What do you suggest
for the next topic?**

SuggestionBox@opcug.ca



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

SuggestionBox@opcug.ca