



Chris Taylor and Alan German
Ottawa PC Users' Group

Share

Shares wanted

Member suggestion:
Mini-presentations by multiple people

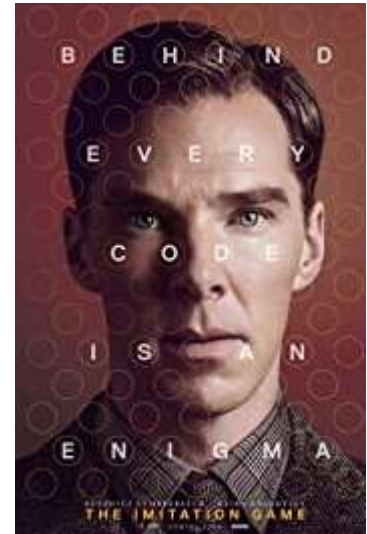
- How they secure their computers
 - Software used, settings, behaviors?
- Programs they use
 - Hidden gems?
- Computing habits they use
 - Best practices, things that enhance productivity?
- Let us know if you can help: SuggestionBox@opcug.ca



Follow-up

Computers at War

Historical inaccuracies in “*The Imitation Game*”, a supposed biopic of the life of Alan Turing.



“*How Accurate Is The Imitation Game?*” by L.V. Anderson at: <https://tinyurl.com/wycwzzt>

“*Historical Inaccuracies*” and “*Controversy*” at: https://en.wikipedia.org/wiki/The_Imitation_Game



**It's 10 pm – Do you know
where your files are?**

***Alan German
Ottawa PC Users' Group***

Part 2: Backup and Indexing



Easy backup



- Synchronize (the whole of) Drive E:
with Drive F: (USB flash drive)
- Automatically copies new/updated
files and removes deleted files

<https://frefilesync.org>

File Actions Tools Help



 **Compare**
File time and size 



 **Synchronize**
Two way 

Drag & drop

 E:\

Browse



 Drag & drop

 H:\

Browse



	Full path	Size	Date
1	E:\FileManagement.pptx	438,419	11/6/2020 8:21:41 PM
2	E:\alan\opcug presentations		
3			
4			
5	original MD5_and_SHA_Checksum_Utility.exe	83,456	10/9/2014 5:39:36 AM
6	E:\...		
7	VCF Import v3085.xlsm	640,303	6/24/2019 2:49:58 PM
8	MotoG3	<Folder>	
9	E:\origin... addonsu-16.0-arm-signed.zip	825,470	7/12/2020 9:45:26 PM
10	lineage-16.0-20200428-MIGRATIO...	421,338,920	7/12/2020 9:54:22 PM
11	lineage-16.0-20200610-UNOFFICIA...	421,429,770	7/12/2020 9:45:21 PM
12	lineage-16.0-20200712-UNOFFICIA...	421,589,781	7/12/2020 8:35:56 PM
13	open_gapps-arm-9.0-pico-2020050...	105,335,204	5/8/2020 10:44:34 AM
14	twrp-3.3.1-0-osprey.img	7,622,656	6/4/2019 5:57:04 PM

	Full path	Size	Date
	H:\		
	presentations	2020-10-14-Followup-FTP.p...	30,914 11/1/2020 10:50:10 AM
	H:\alan\opcu...	2020-11-04-Followup-FTP.p...	48,955 11/1/2020 10:50:24 AM
		Chris-Complain-2020-11-04...	34,025 10/29/2020 4:02:00 PM
	H:\ original		
	VCF Import v3.085.xlsm	640,303	6/24/2019 2:49:58 PM

 1 directory  9 files (1.28 GB)

Showing 14 of 3,975 items

 4 files (737 KB)

 Select view:

15

 8

= 3,946

 1

 1

 3

Statistics:  8  0  0 428 KB  1  1  3

E:\			Browse		H:\
Full path	Size	Date			
E:\  FileManagement.pptx	438,419	11/6/2020 8:21:41 PM	☒		
E:\alan\opcug  presentations			☒		
 original  MD5_and_SHA_Checksum_Utility.exe	83,456	10/9/2014 5:39:36 AM	☒		
E:\...  VCF Import v3085.xlsm	640,303	6/24/2019 2:49:58 PM	☒		
 MotoG3	<Folder>		☒		
E:\origin...  addonsu-16.0-arm-signed.zip	825,470	7/12/2020 9:45:26 PM	☒		
 lineage-16.0-20200428-MIGRATIO...	421,338,920	7/12/2020 9:54:22 PM	☒		
 lineage-16.0-20200610-UNOFFICIA...	421,429,770	7/12/2020 9:45:21 PM	☒		
 lineage-16.0-20200712-UNOFFICIA...	421,589,781	7/12/2020 8:35:56 PM	☒		
 open_gapps-arm-9.0-pico-2020050...	105,335,204	5/8/2020 10:44:34 AM	☒		
 twrp-3.3.1-0-osprey.img	7,622,656	6/4/2019 5:57:04 PM	☒		

E:\

Browse

H:\

Full path	Size	Date
E:\FileManagement.pptx	438,419	11/6/2020 8:21:41 PM
E:\alan\opcug\presentations		
original	MD5_and_SHA_Check	AM
E:\...	VCF Import v3085.xls	PM
MotoG3		
E:\origin...	addonsu-16.0-arm-s	PM
	lineage-16.0-202004	PM
	lineage-16.0-20200610-UNOFFICIAL...	421,429,770 7/12/2020 9:45:21 PM
	lineage-16.0-20200712-UNOFFICIAL...	421,589,781 7/12/2020 8:35:56 PM
	open_gapps-arm-9.0-pico-2020050...	105,335,204 5/8/2020 10:44:34 AM
	twrp-3.3.1-0-osprey.img	7,622,656 6/4/2019 5:57:04 PM

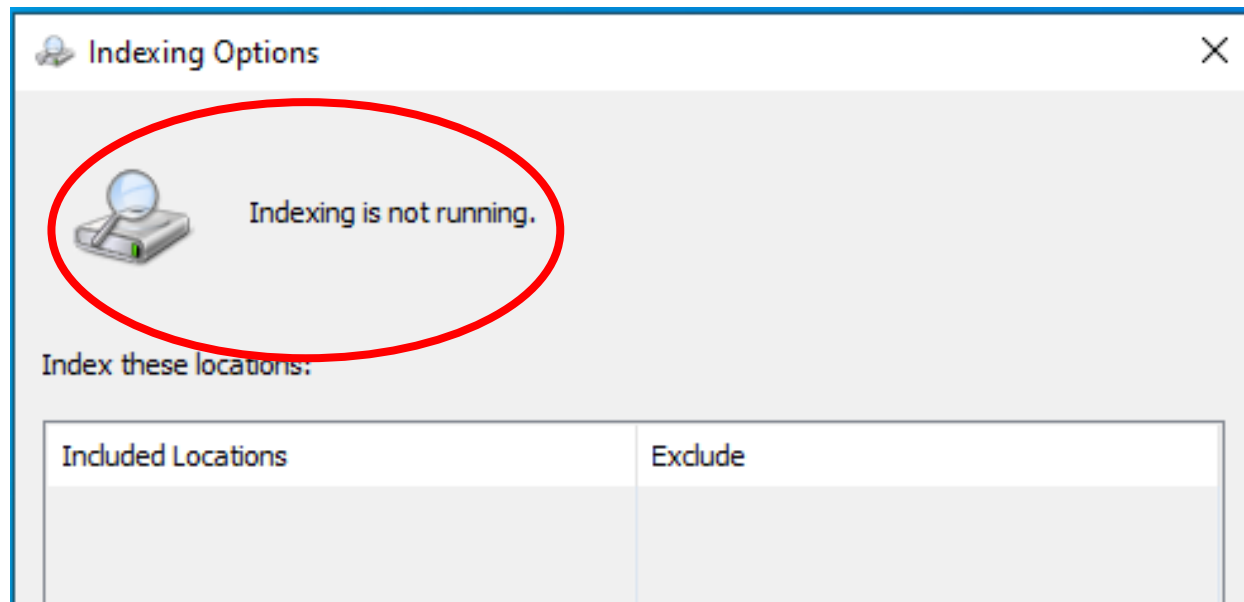
This PowerPoint file is new and so is being copied to the target drive

E:\			Browse	H:\
Full path	Size	Date		
E:\FileManagement.pptx	438,419	11/6/2020 8:21:41 PM	☒	
E:\alan\opcug presentations			☒	
original MD5_and_SHA_Checksum_Utility.exe	83,456	10/9/2014 5:39:36 AM	☒	
E:\... VCF Import v3085.xlsm	640,303	6/24/2019 2:49:58 PM	☒	
MotoG3	<Folder>		☒	
E:\origin... addonsu-16.0-arm-signed.zip	825,470	7/12/2020 9:45:26 PM	☒	
lineage-16.0-20200428-MIGRATIO...	421,338,920	7/12/2020 9:54:22 PM	☒	
lineage-16.0-20200610-UNOFFICIA...	421,429,770	7/12/2020 9:45:21 PM	☒	
lineage-16.0-20200712-UNOFFICIA...	421,589,781	7/12/2020 8:35:56 PM	☒	
open_gapps-arm-9.0-pico-2020050...	105,335,204	5/8/2020 10:44:34 AM	☒	
twrp-3.3.1-0-osprey.img	7,622,656	6/14/2019 5:57:04 PM	☒	

These smartphone custom-ROM files have been archived and are now being deleted

Searching for Files

Windows disk indexing is turned off



What do we use instead?



Everything!

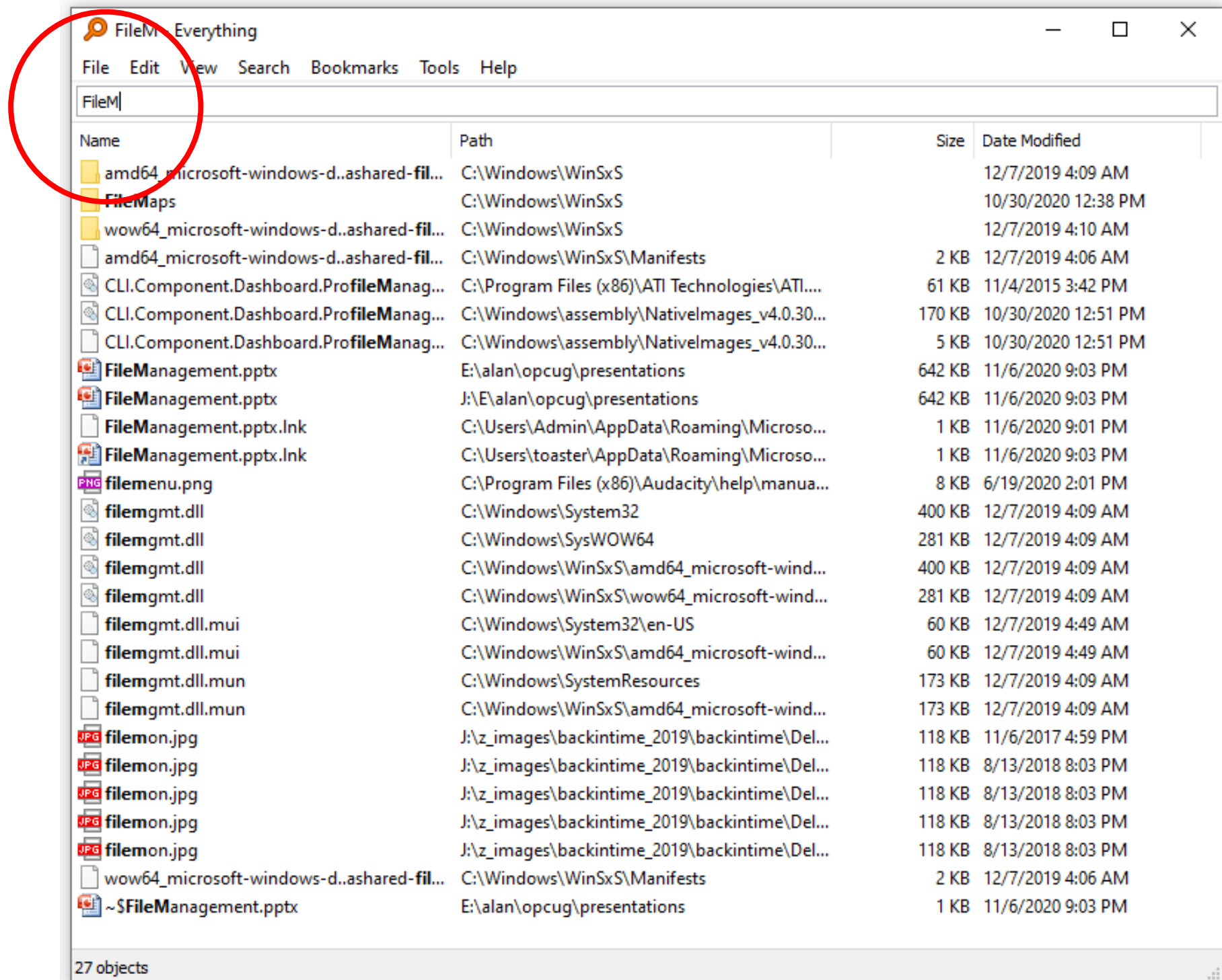
What is "Everything"?

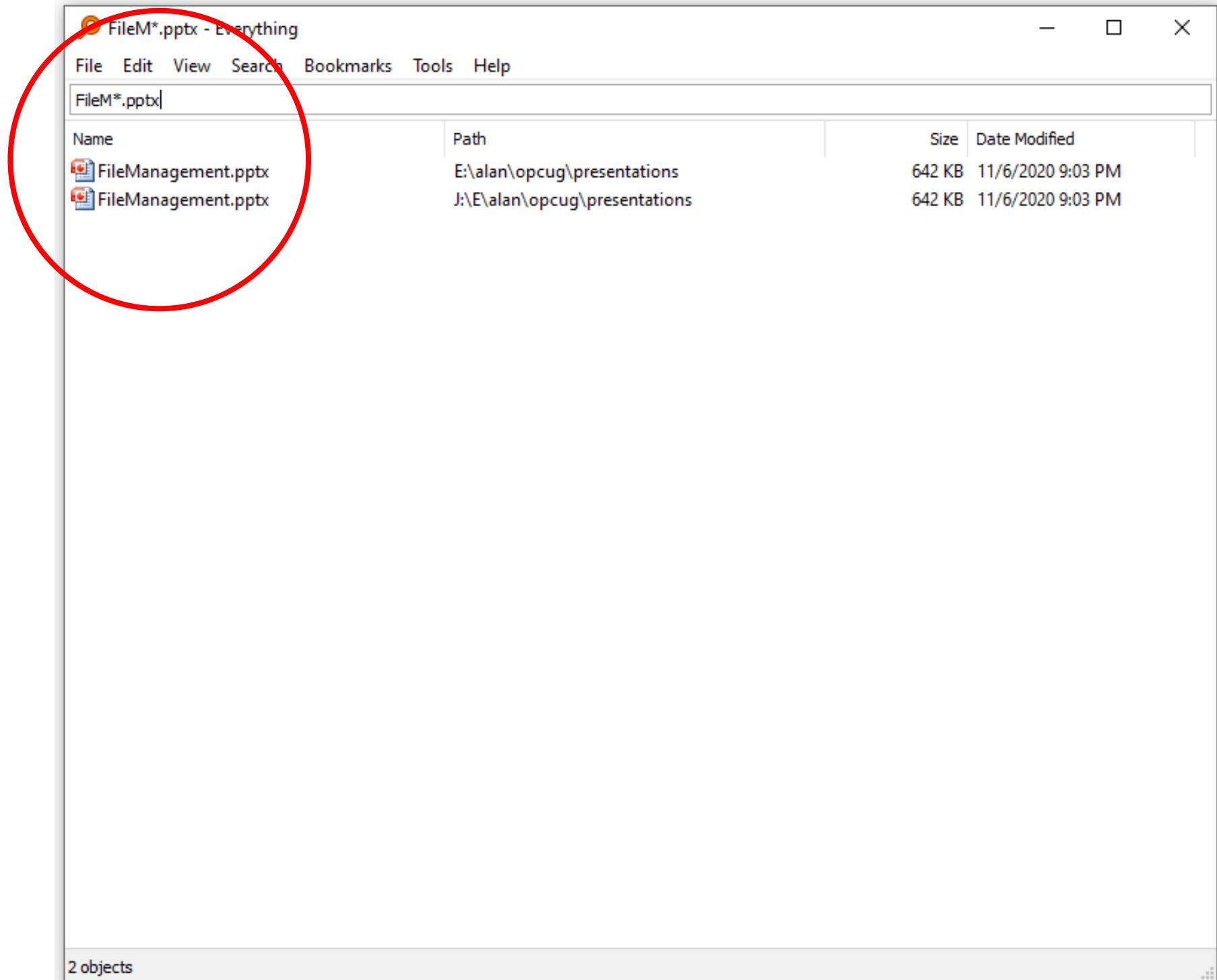
"Everything" is search engine that locates files and folders by filename instantly for Windows. Unlike Windows search "Everything" initially displays every file and folder on your computer (hence the name "Everything").

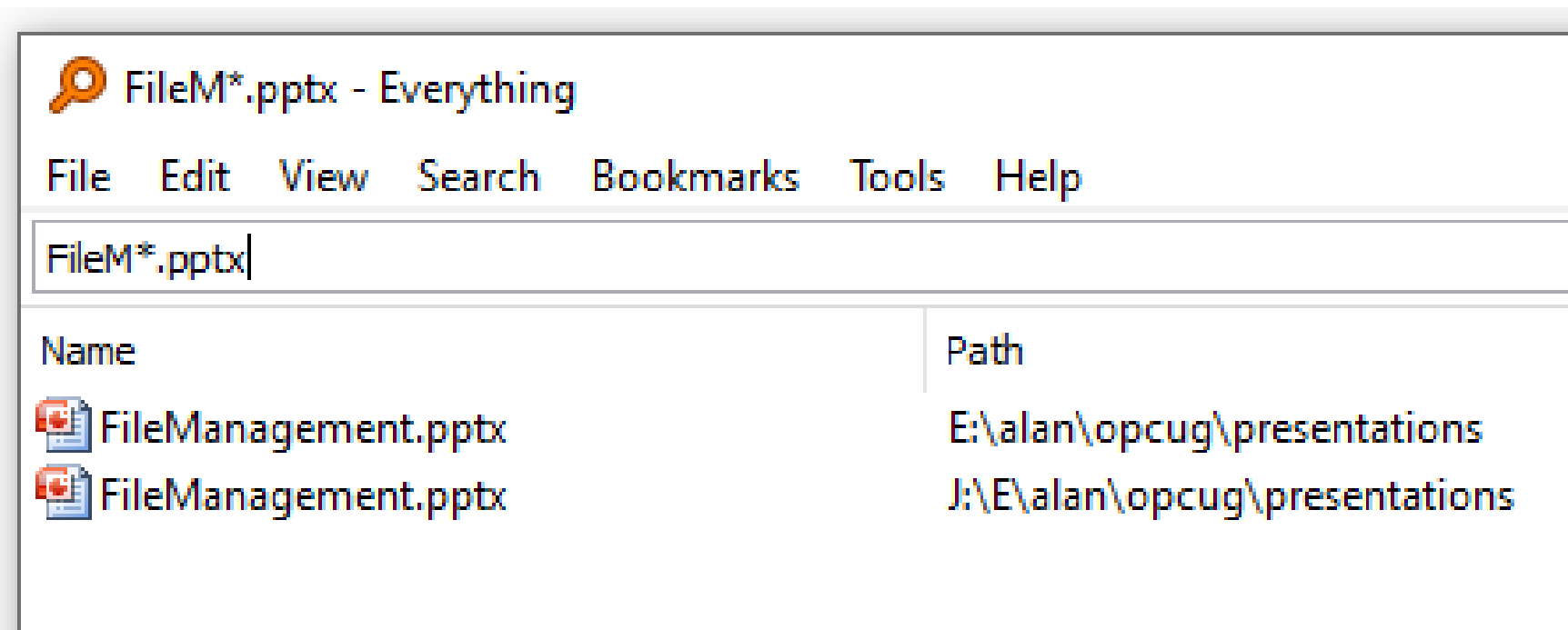
You type in a search filter to limit what files and folders are displayed.

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

Name	Path	Size	Date Modified
#!001	C:\Users\Admin\AppData\Local\Packages\M...		7/16/2018 8:47 PM
#!001	C:\Users\toaster\AppData\Local\Packages\M...		2/11/2016 11:17 AM
#!002	C:\Users\Admin\AppData\Local\Packages\M...		7/16/2018 8:47 PM
#!002	C:\Users\toaster\AppData\Local\Packages\M...		8/26/2016 12:13 PM
#!006	C:\Users\Admin\AppData\Local\Packages\M...		7/16/2018 8:47 PM
#!006	C:\Users\toaster\AppData\Local\Packages\M...		6/25/2018 12:34 PM
#!121	C:\Users\Admin\AppData\Local\Packages\M...		7/16/2018 8:47 PM
#!121	C:\Users\toaster\AppData\Local\Packages\M...		6/25/2018 12:35 PM
#aa.online-metrix.net	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#cache.btrll.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#canstatic.cbs.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#cdn.edgedatg.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#cdn.livestream.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#cdnapi.kaltura.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#entitlement.auth.adobe.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#event.lv3.on24.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#event.on24.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#i.d.cbsi.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#player.ooyala.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#s.ytimg.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#secure-us.imrworldwide.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#SharedObjects	C:\Users\toaster\AppData\Roaming\Macrom...		11/24/2013 8:24 PM
#smoketip.postaffiliatepro.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
#ui	C:\Users\toaster\AppData\Roaming\Macrom...		3/25/2015 1:37 PM
#www.hulu.com	C:\Users\toaster\AppData\Roaming\Macrom...		1/30/2019 9:07 AM
\$PatchCache\$	C:\Windows\Installer		4/20/2015 1:51 PM
\$Recycle.Bin	C:		2/5/2016 7:59 PM





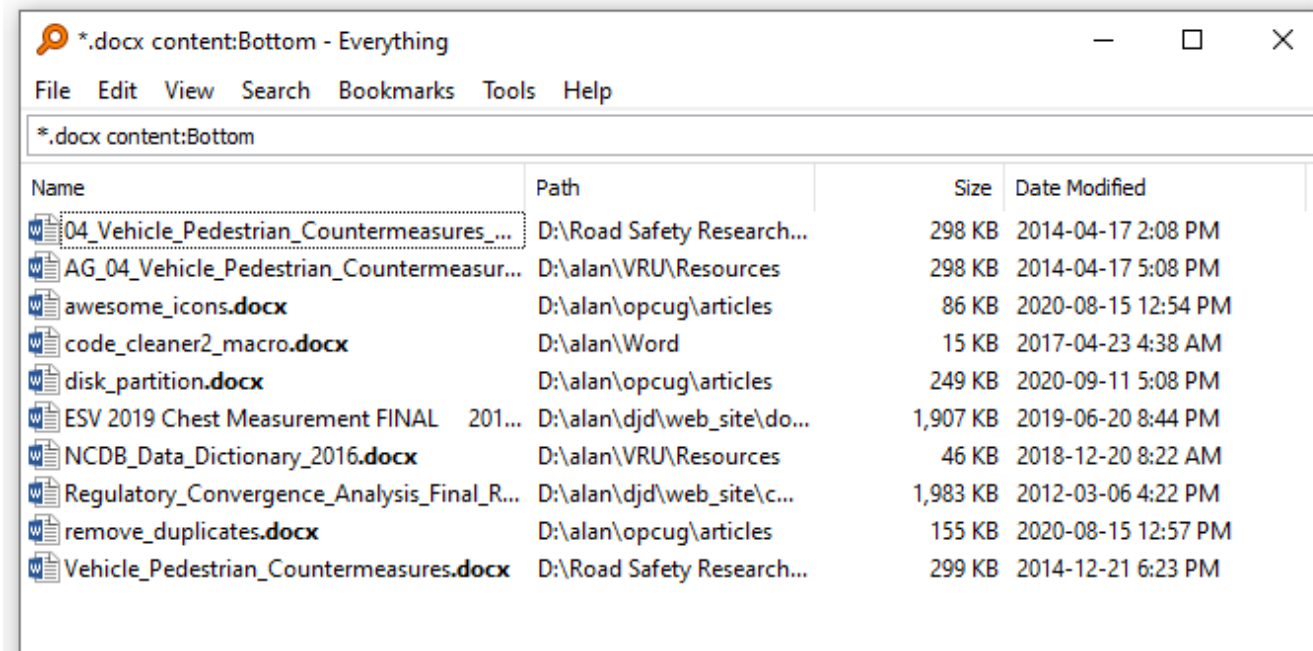


Note the use of wildcards, i.e. FileM*.pptx locates the PowerPoint file on the dedicated data partition (Drive E:) and on the real-time backup (QuickShadow Backup) (Drive J:)

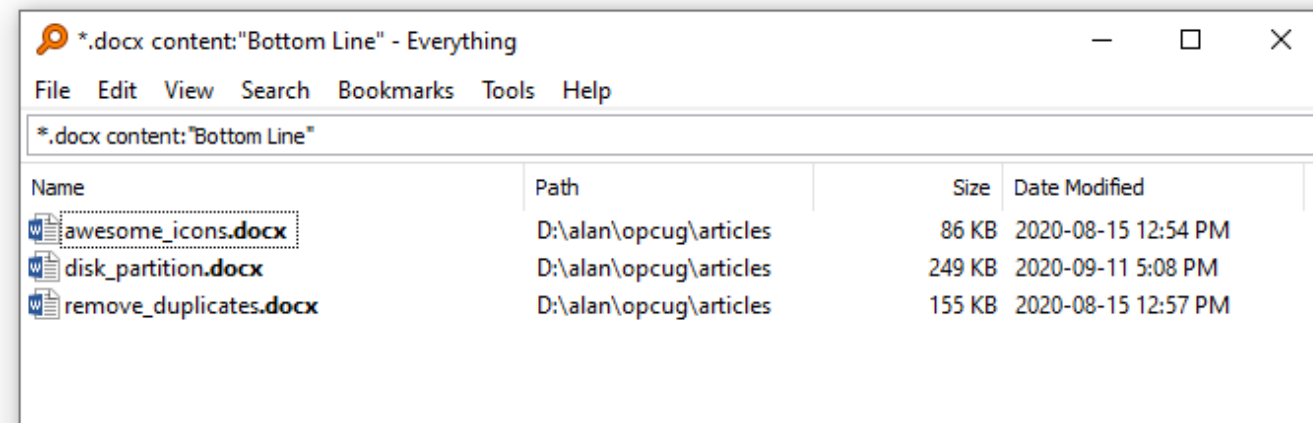
Contents of files

- Note that, while Everything can be used to search contents of files, it does not index files for content
- So, for example, a search for
**.docx content:Iceland*
will be relatively slow (depending on how many .docx files have to be searched for content)

But, it's still really fast!

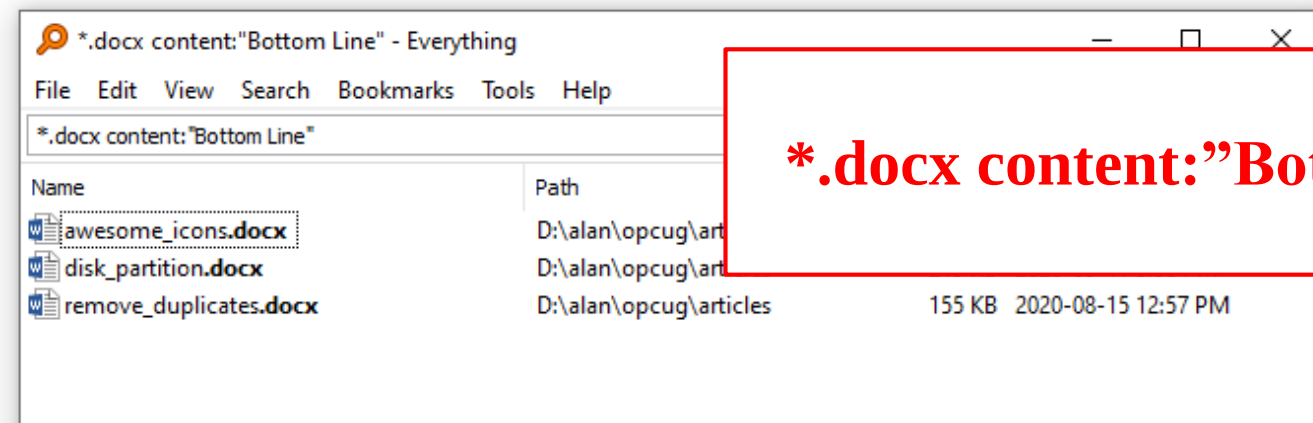
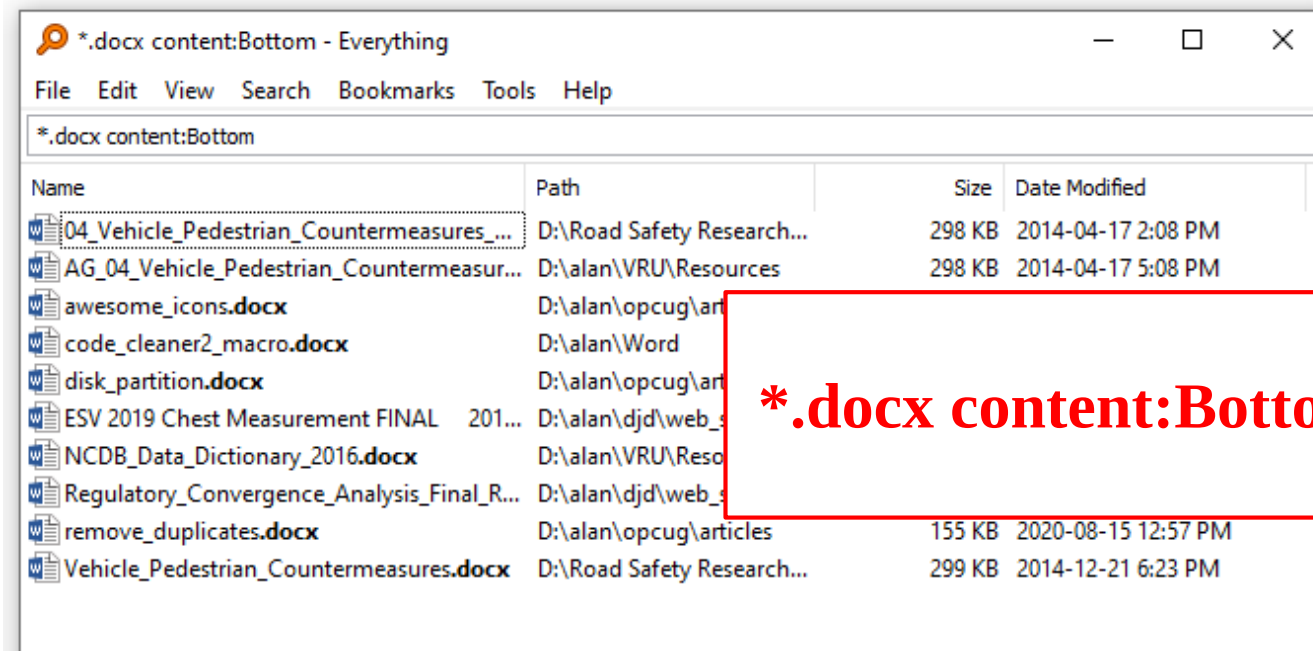


Name	Path	Size	Date Modified
04_Vehicle_Pedestrian_Countermeasures_...	D:\Road Safety Research...	298 KB	2014-04-17 2:08 PM
AG_04_Vehicle_Pedestrian_Countermeasur...	D:\alan\VRU\Resources	298 KB	2014-04-17 5:08 PM
awesome_icons.docx	D:\alan\opcug\articles	86 KB	2020-08-15 12:54 PM
code_cleaner2_macro.docx	D:\alan\Word	15 KB	2017-04-23 4:38 AM
disk_partition.docx	D:\alan\opcug\articles	249 KB	2020-09-11 5:08 PM
ESV 2019 Chest Measurement FINAL 201...	D:\alan\djd\web_site\do...	1,907 KB	2019-06-20 8:44 PM
NCDB_Data_Dictionary_2016.docx	D:\alan\VRU\Resources	46 KB	2018-12-20 8:22 AM
Regulatory_Convergence_Analysis_Final_R...	D:\alan\djd\web_site\c...	1,983 KB	2012-03-06 4:22 PM
remove_duplicates.docx	D:\alan\opcug\articles	155 KB	2020-08-15 12:57 PM
Vehicle_Pedestrian_Countermeasures.docx	D:\Road Safety Research...	299 KB	2014-12-21 6:23 PM



Name	Path	Size	Date Modified
awesome_icons.docx	D:\alan\opcug\articles	86 KB	2020-08-15 12:54 PM
disk_partition.docx	D:\alan\opcug\articles	249 KB	2020-09-11 5:08 PM
remove_duplicates.docx	D:\alan\opcug\articles	155 KB	2020-08-15 12:57 PM

But, it's still really fast!



Many other options

- Boolean constructs, e.g. AND, OR
- case: – match case
- dm:thisyear - date modified this year
- height:<nnn> – images with height (px)
- filelist:<list> - list of filenames
- artist:<xxx> - ID3 or FLAC artist

Real-Time Backup

- QuickShadow Backup
- Utility to copy (mirror) a set of folders on one drive to another drive
- New and updated files are copied to the target
- Deleted files are removed
- File transfer occurs in real time

<http://quicklytech.com>

QuicklyTech: QuickShadow Backup

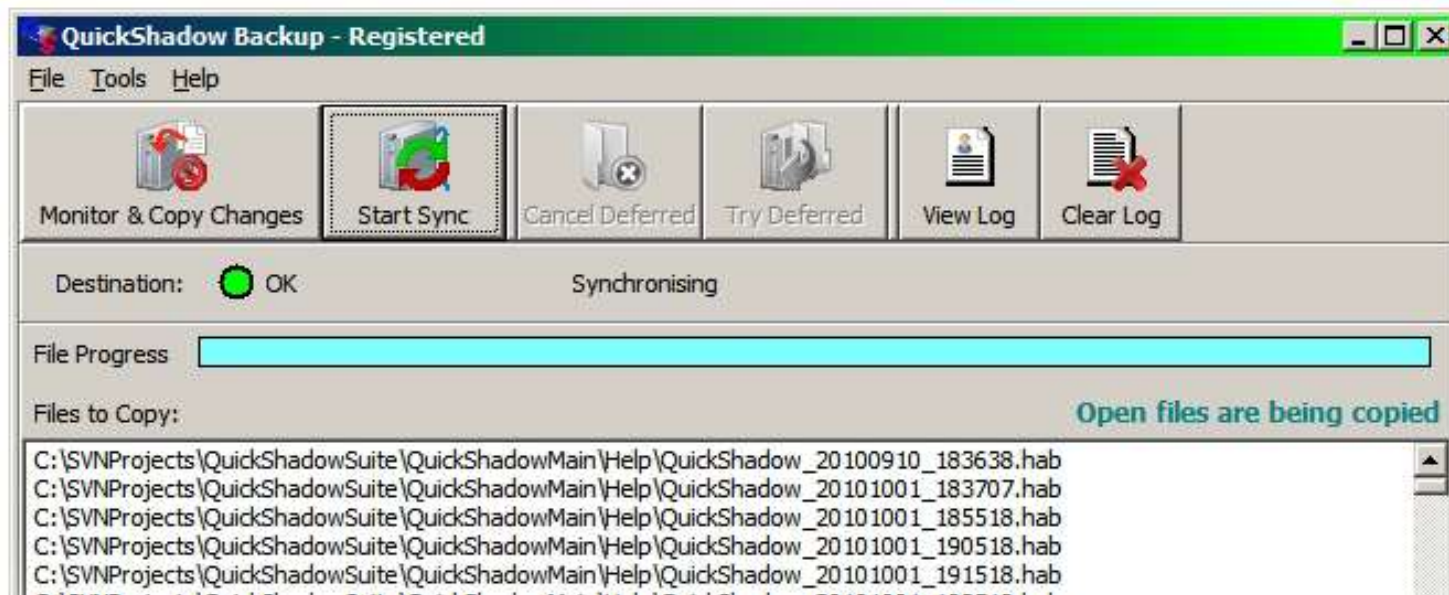
Easy, fast, free and low-cost backup software that just works.

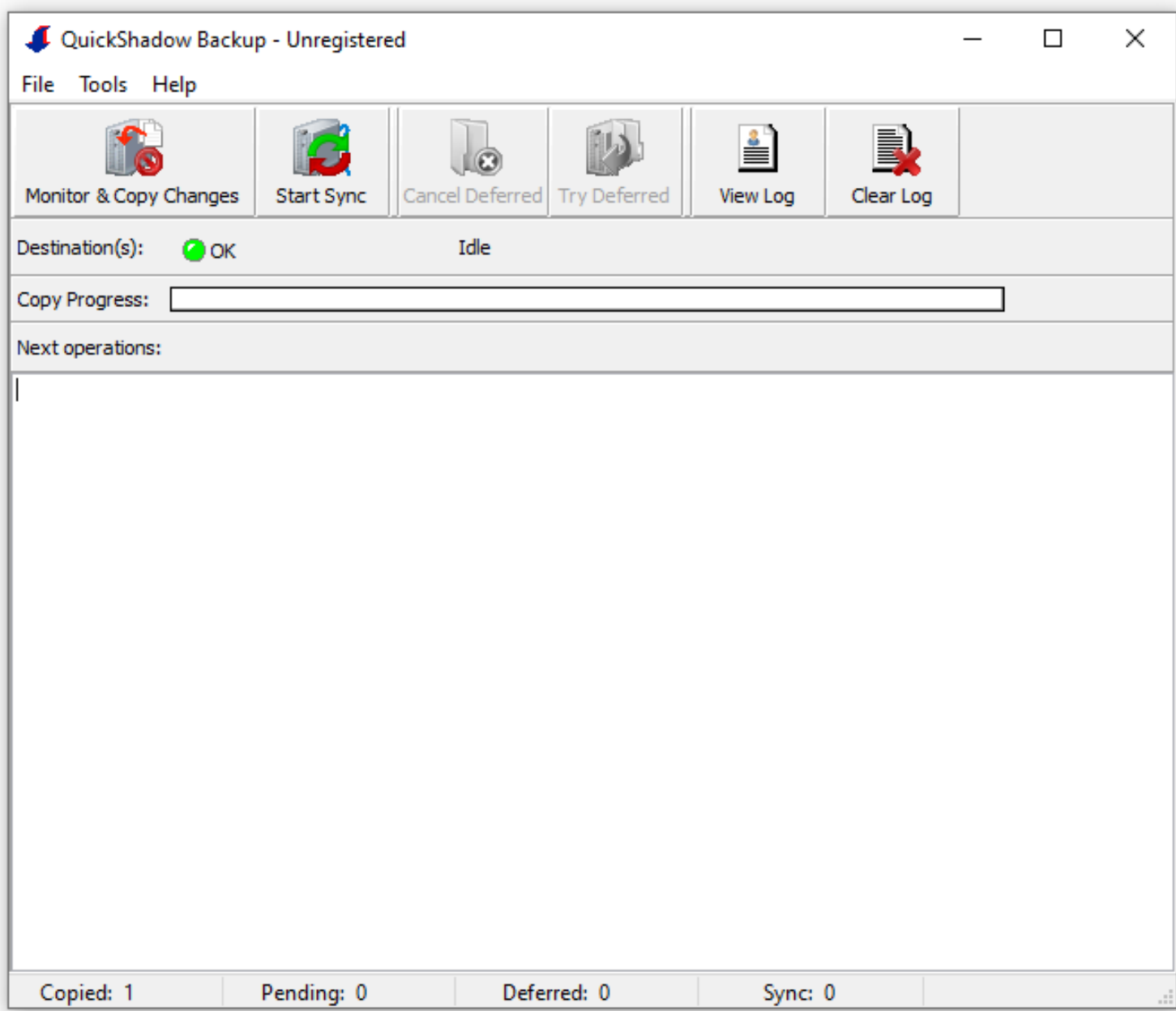
[HOME](#)[ABOUT](#)[QUICKSHADOW](#)[NEWS](#)[REGISTER](#)[SUPPORT](#)[DOWNLOAD](#)[OTHER](#)

QuickShadow Backup by QuicklyTech

QuickShadow Backup is the fast, simple, easy to use instant backup solution for Windows PCs.

New: August 17, 2020 Version 2.25.0 is now available – this is a minor update only that ensures the web site updates check will work reliably.





QuickShadow Backup - Setup

×

BackupExclusionsOptions1Options2Advanced OptionsUpdates

Backup Set 1

+

Backup From These Locations (Source)

E:\

+

Add Path

×

Delete Path

?

Backup To This Location (Destination): [Type in or find using "Choose"]

J:\

⚙

Choose

☐ This location needs a username and password

📁

Explore Selection

🗂

Check Space

User name:

Password:

📌

Test Access

?

Destination Format

☒ Use full source path in backup location

Leave checked if unsure. See Help for more information.

✕

Delete this Backup Set

✎

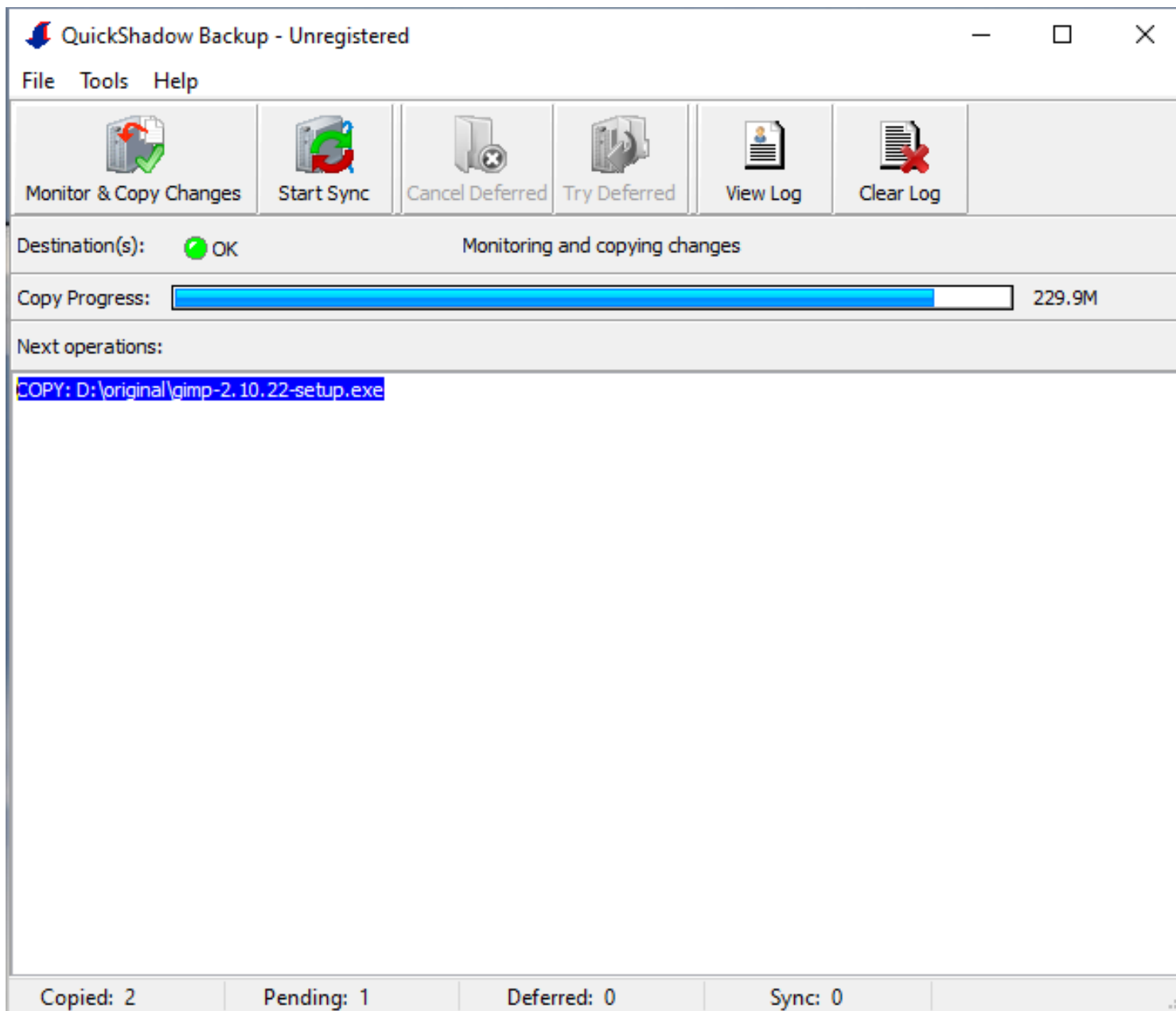
Rename Backup Set

☒ Backup Set Enabled

Help

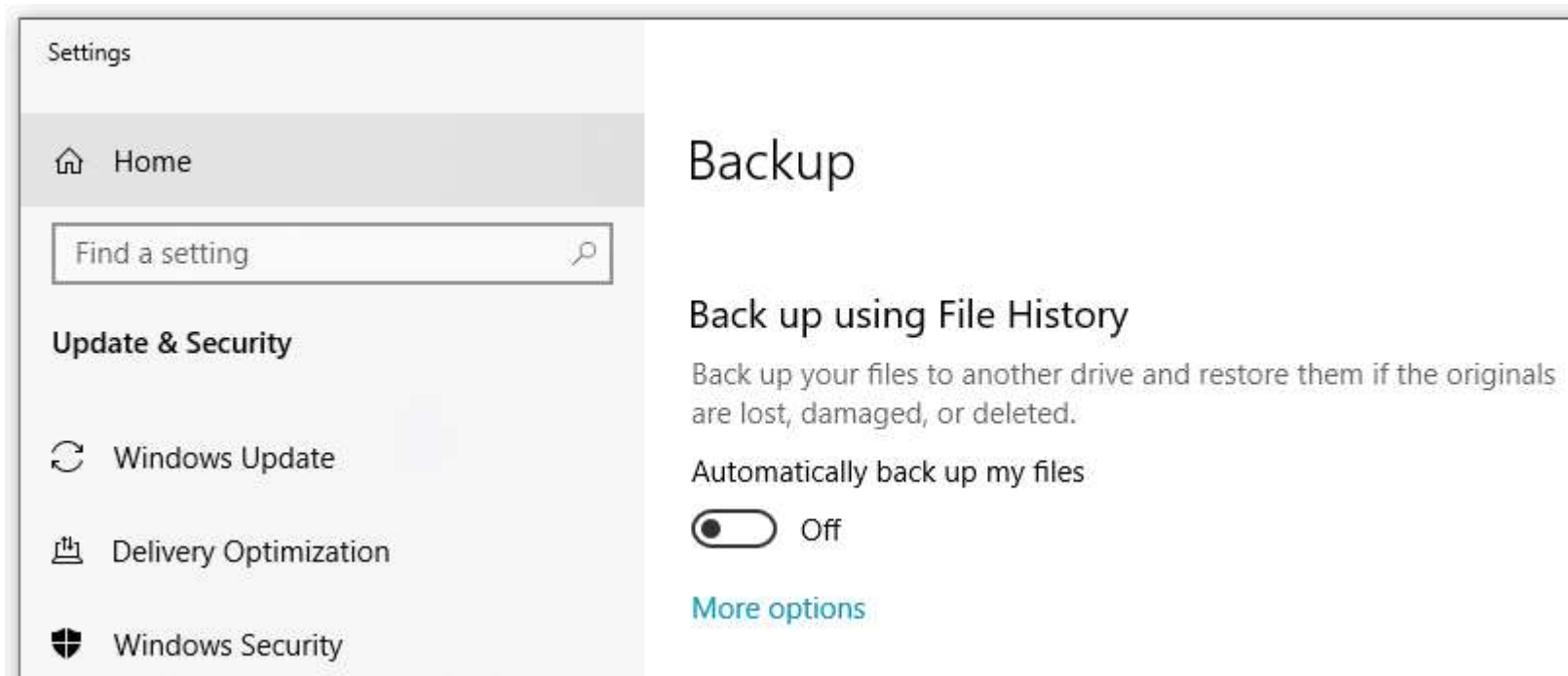
OK

Cancel



Chris made me do it!

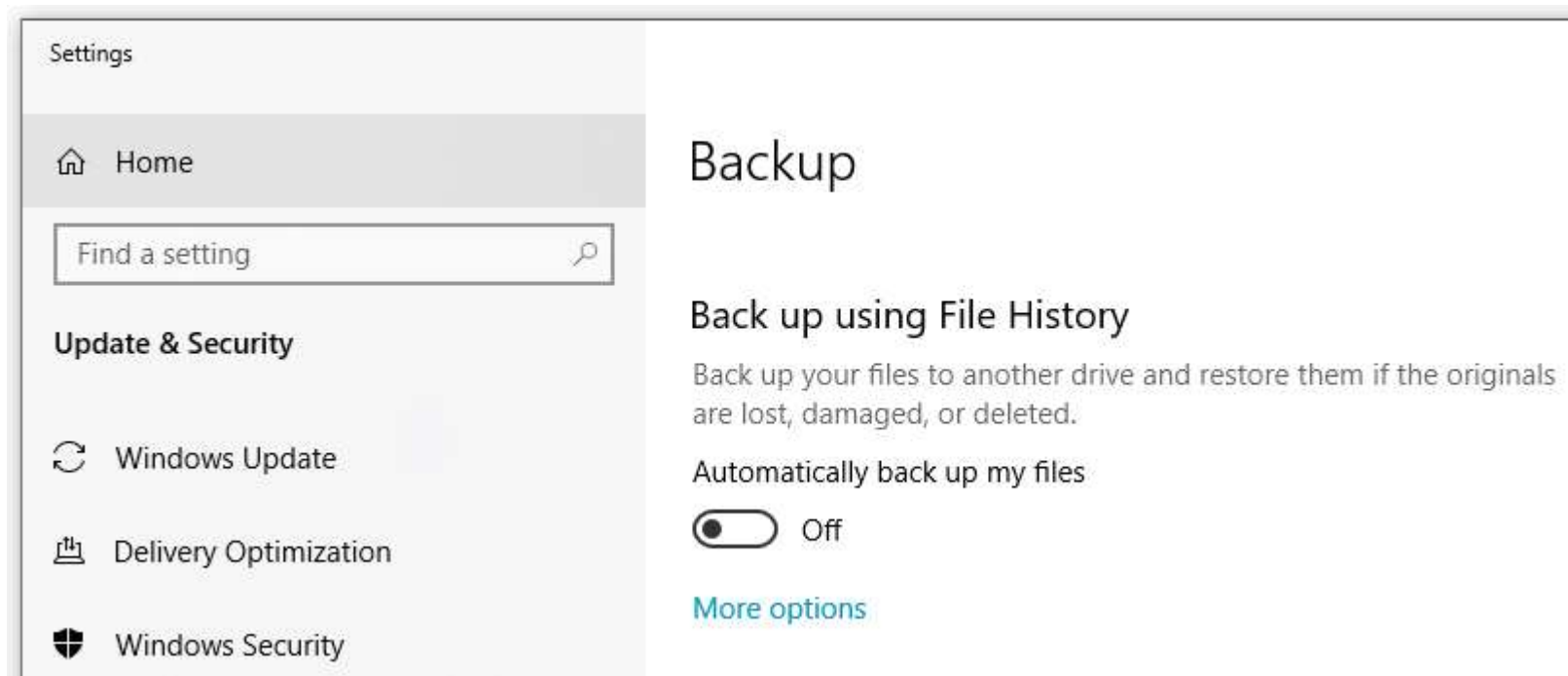
Another real-time backup option



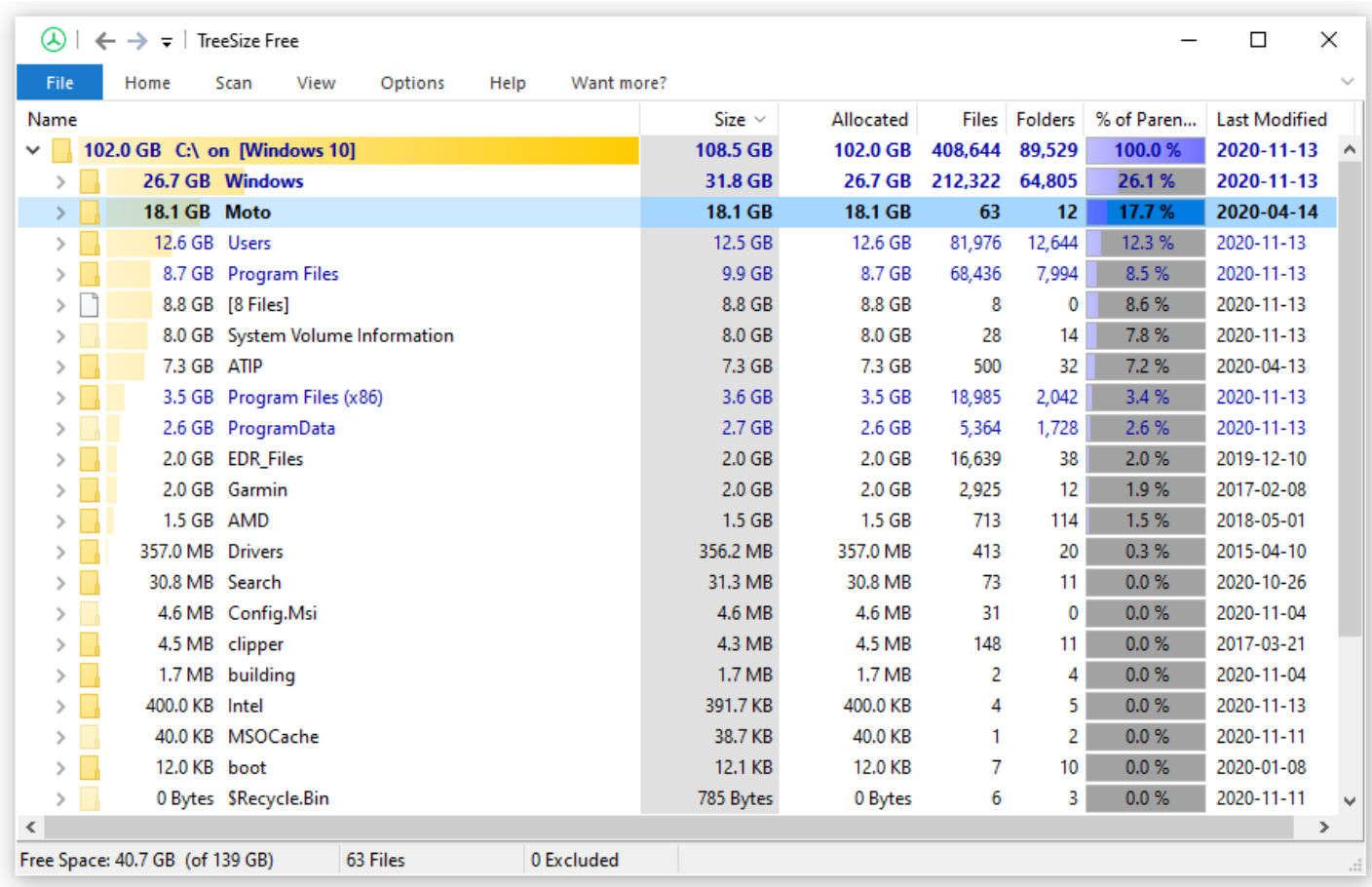
Chris made me do it!

Another real-time backup option

(but, note this is a Microsoft product!)



But, here's one we agree on



Name	Size	Allocated	Files	Folders	% of Paren...	Last Modified
102.0 GB C:\ on [Windows 10]	108.5 GB	102.0 GB	408,644	89,529	100.0 %	2020-11-13
> 26.7 GB Windows	31.8 GB	26.7 GB	212,322	64,805	26.1 %	2020-11-13
> 18.1 GB Moto	18.1 GB	18.1 GB	63	12	17.7 %	2020-04-14
> 12.6 GB Users	12.5 GB	12.6 GB	81,976	12,644	12.3 %	2020-11-13
> 8.7 GB Program Files	9.9 GB	8.7 GB	68,436	7,994	8.5 %	2020-11-13
> 8.8 GB [8 Files]	8.8 GB	8.8 GB	8	0	8.6 %	2020-11-13
> 8.0 GB System Volume Information	8.0 GB	8.0 GB	28	14	7.8 %	2020-11-13
> 7.3 GB ATIP	7.3 GB	7.3 GB	500	32	7.2 %	2020-04-13
> 3.5 GB Program Files (x86)	3.6 GB	3.5 GB	18,985	2,042	3.4 %	2020-11-13
> 2.6 GB ProgramData	2.7 GB	2.6 GB	5,364	1,728	2.6 %	2020-11-13
> 2.0 GB EDR_Files	2.0 GB	2.0 GB	16,639	38	2.0 %	2019-12-10
> 2.0 GB Garmin	2.0 GB	2.0 GB	2,925	12	1.9 %	2017-02-08
> 1.5 GB AMD	1.5 GB	1.5 GB	713	114	1.5 %	2018-05-01
> 357.0 MB Drivers	356.2 MB	357.0 MB	413	20	0.3 %	2015-04-10
> 30.8 MB Search	31.3 MB	30.8 MB	73	11	0.0 %	2020-10-26
> 4.6 MB Config.Msi	4.6 MB	4.6 MB	31	0	0.0 %	2020-11-04
> 4.5 MB clipper	4.3 MB	4.5 MB	148	11	0.0 %	2017-03-21
> 1.7 MB building	1.7 MB	1.7 MB	2	4	0.0 %	2020-11-04
> 400.0 KB Intel	391.7 KB	400.0 KB	4	5	0.0 %	2020-11-13
> 40.0 KB MSOCache	38.7 KB	40.0 KB	1	2	0.0 %	2020-11-11
> 12.0 KB boot	12.1 KB	12.0 KB	7	10	0.0 %	2020-01-08
> 0 Bytes \$Recycle.Bin	785 Bytes	0 Bytes	6	3	0.0 %	2020-11-11

Free Space: 40.7 GB (of 139 GB) 63 Files 0 Excluded

https://www.jam-software.com/treesize_free



TreeSize Free

File

Home

Scan

View

Options

Help

Want more?

Name

Size ▾



102.0 GB C:\ on [Windows 10]

108.5 GB



26.7 GB Windows

31.8 GB



18.1 GB Moto

18.1 GB



12.6 GB Users

12.5 GB



8.7 GB Program Files

9.9 GB



8.8 GB [8 Files]

8.8 GB



8.0 GB System Volume Information

8.0 GB

Name	Size ▾	Allocated	Files	Folders
▼ 102.0 GB C:\ on [Windows 10]	108.5 GB	102.0 GB	408,644	89,529
> 26.7 GB Windows	31.8 GB	26.7 GB	212,322	64,805
▼ 18.1 GB Moto	18.1 GB	18.1 GB	63	12
▼ 16.0 GB MotoG3_TWRP	16.0 GB	16.0 GB	40	5
▼ 16.0 GB BACKUPS	16.0 GB	16.0 GB	40	4
▼ 16.0 GB ZY2234QGLB	16.0 GB	16.0 GB	40	3
> 6.6 GB 2017-11-11--09-39-43_lineage_osp...	6.6 GB	6.6 GB	15	0
> 5.0 GB 2019-06-04--16-00-49_lineage_osp...	5.0 GB	5.0 GB	13	0
> 4.5 GB 2018-07-25--11-19-52_lineage_osp...	4.5 GB	4.5 GB	12	0
> 2.1 GB MotoG3	2.1 GB	2.1 GB	23	5
> 12.6 GB Users	12.5 GB	12.6 GB	81,976	12,644
> 8.7 GB Program Files	9.9 GB	8.7 GB	68,436	7,994
> 8.8 GB [8 Files]	8.8 GB	8.8 GB	8	0
> 8.0 GB System Volume Information	8.0 GB	8.0 GB	28	14



Due to concerns about COVID-19, I am thinking of creating my own electronic Christmas card and sending it as an E-mail attachment.

(1) Can you suggest free software for creating E-card files? A starting point is *LibreOffice Impress*.

(2) Can you suggest the best document format to use that is readable by a wide range of computers and operating systems? A starting point is *PDF*.

(3) I would like the card to consist of two pages. The recipient would see the first page. It would be nice to have an attractive custom button icon on the first page that, when clicked, causes the second page to be displayed.

Can you suggest a way to do this without introducing potential security vulnerabilities (e.g. scripts or macros) that might worry the recipient or cause the antivirus software to block the email/document?



Next Page

(4) I will try to photograph a winter scene and incorporate it into the card. Otherwise, I will download clip art from <https://favpng.com> for personal use.

Should I annotate the clip art image with something like "*(For personal use only - copyright <https://favpng.com>)*" for my legal protection?

I would want the recipient to be warned about the copyright so that they do not reuse/ misuse the clip art.

(5) Can you provide any other helpful suggestions or tips for creating an attractive E-card?

(6) Can you mention pitfalls (if any) to be avoided when creating an E-card?



A

(1) *LibreOffice Impress* or *Writer* could easily be used to create a two-slide/two-page E-card. *Writer* would be better if one of the pages is to have lots of text (i.e. a letter)

(2) PDF is the most popular multi-platform document format. Everyone has a PDF reader.

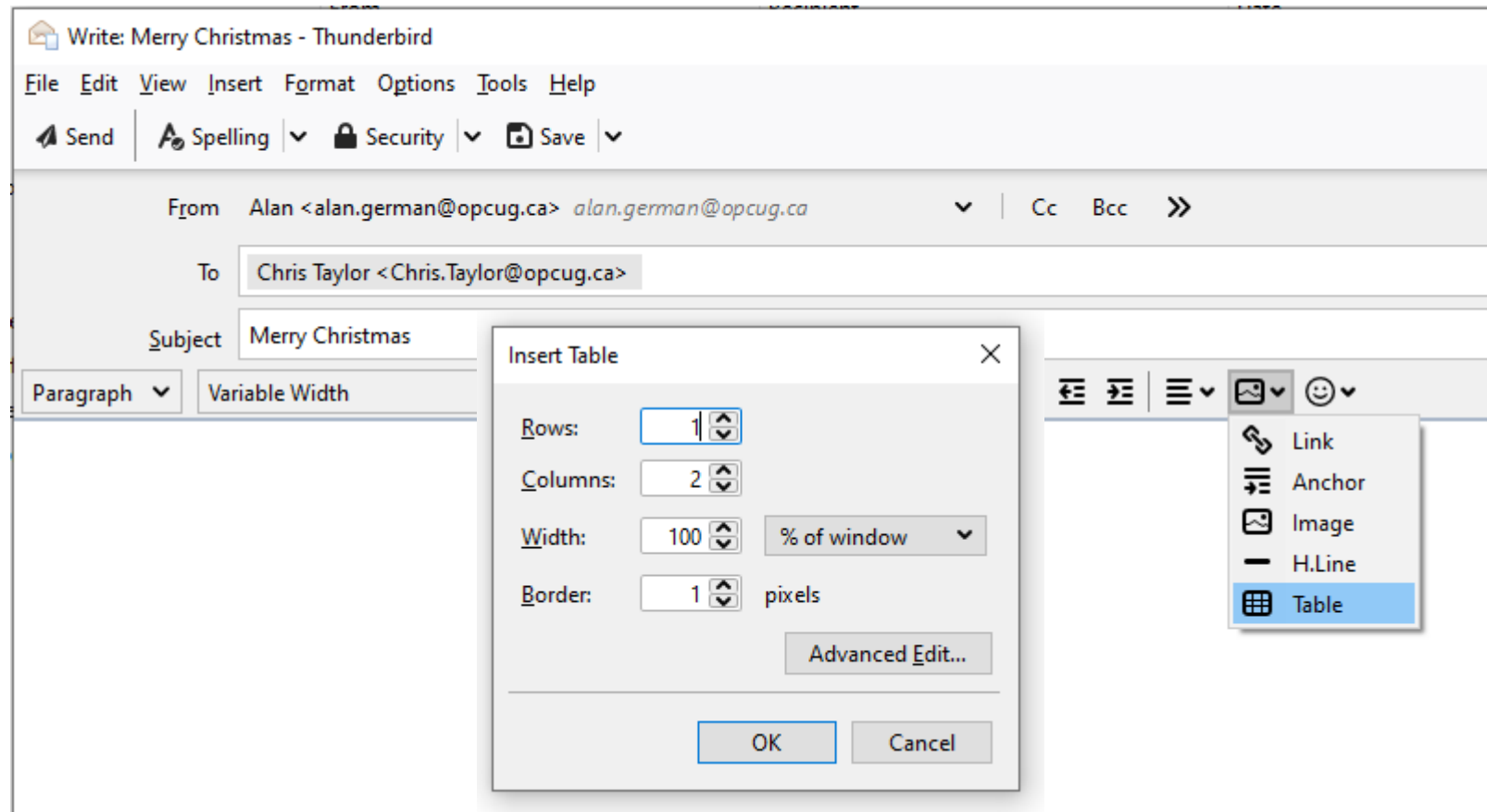
(3) PDF readers usually have a “page-turning” feature (forward/backward arrows) that makes a control button redundant.

(3) Implementing a control button in Impress may be difficult since that program has no macro recording capability (*Writer* and *Calc* only).

(4) Images posted to favpng.com are not subject to copyright. The web site states that images can be used for personal use, but commercial use is not allowed. Without a copyright notice the latter restriction probably can't be enforced.

As a courtesy, you could add “*Image obtained from <https://favpng.com> (personal use only)*”

(5) In *Thunderbird*, it is possible to include a one-row, two-column table that can be populated with an image in one cell, and multi-font/multi-colour text in the other cell as a greeting.



From Alan <alan.german@opcug.ca> alan.german@opcug.ca

Cc Bcc

To Chris Taylor <Chris.Taylor@opcug.ca>

Subject Merry Christmas

Body Text

Variable Width



Merry Christmas Y'all

and our

Very Best Wishes

for the

New Year

Alan and Carol

(and our roadside friend from Texas)

(2019)



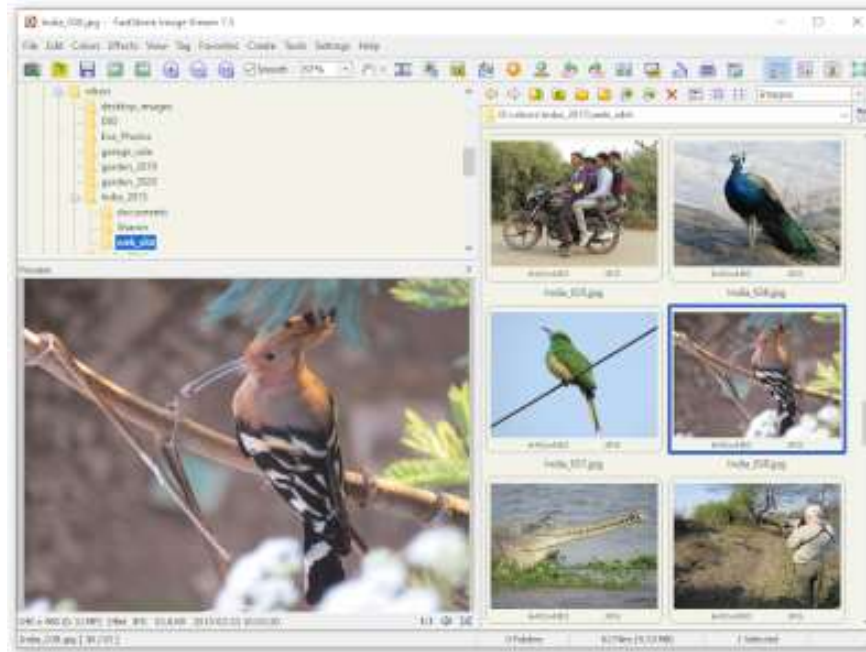


I have a retired colleague who's going through his collection of old slides and other pictures that he'll be scanning. He's looking for software that allows for simple editing (cropping) and organizing the saved pictures. Any recommendations?



A

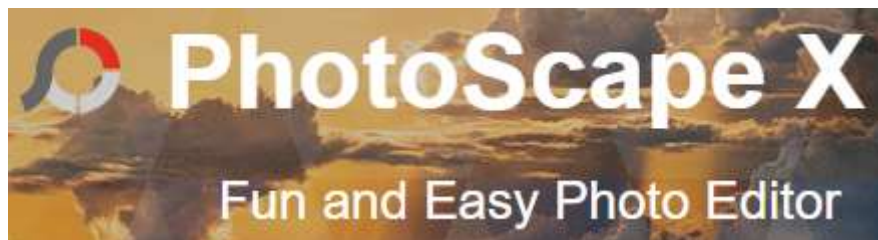
FastStone Image Viewer is a free digital image manager, with multiple ways to view images, a built-in cropping tool (and other editing tools), plus renaming and resizing options including batch processing mode.



<https://www.faststone.org>

If editing needs are modest, pretty much any editor will work. But unless the person REALLY doesn't want to have a bunch of tools in their face, a somewhat advanced editor would give them "room to grow".

Lynda is a big fan of PhotoScape X. The biggest thing missing from the free version is a clone tool. However the last "non-X" version does have a clone brush, so a combination of PhotoScape 3.7 and PhotoScape X is hard to beat for a free editor.



<http://x.photoscape.org>

For organizing, be wary of programs that tie you into that particular program.

I find it easy enough to organize my photos within the file system itself. I have folders by year and then subfolders by date and location. I have over 160,000 photos on my system and - for me - this suffices.

This is lacking only if you need cross-referencing, such as being able to tag all photos with flowers, photos with Jill, or pick out photos using metadata such as those taken with a particular lens or f/stop. Or, if you want to be able to rate photos.

Share

Bug Tracking - Gimp 2.10.22

FreeFileSync 11.3 – Folder Comparison and Synchronization

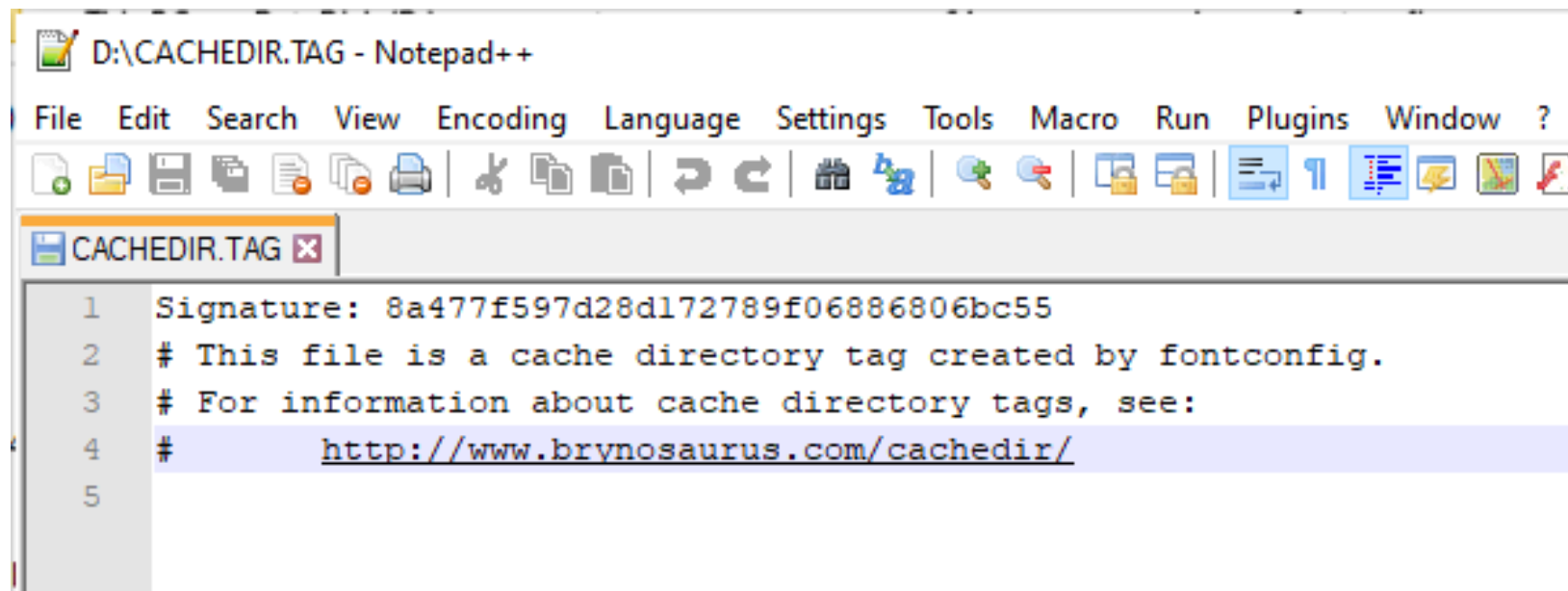
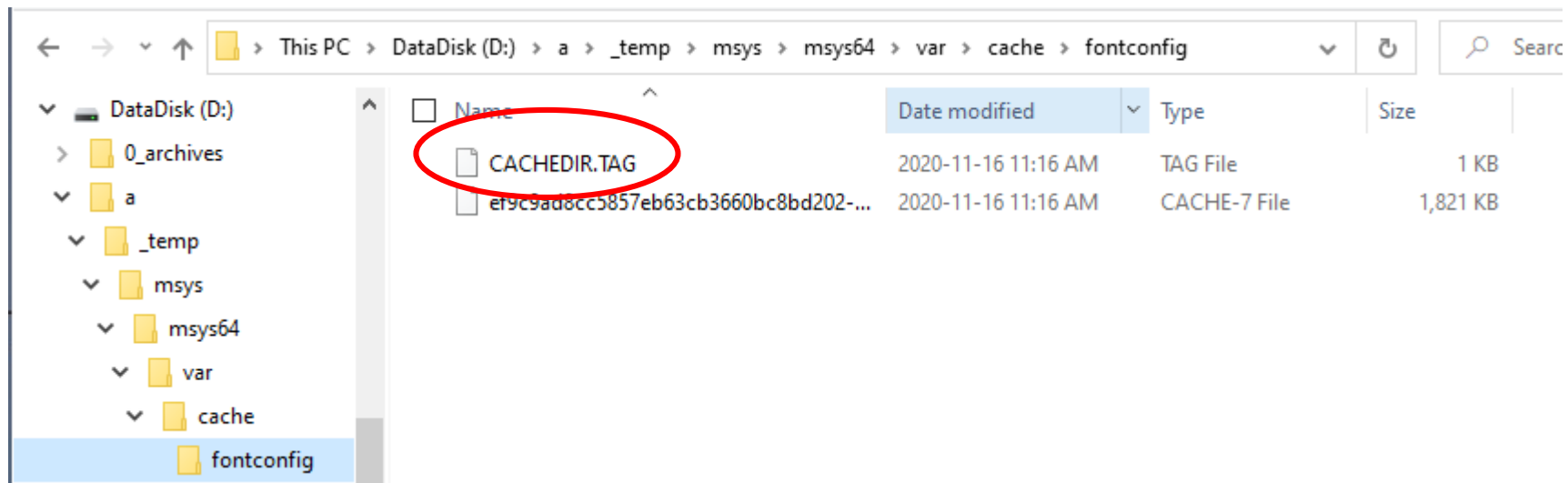
File Actions Tools Help

  **Compare**
File time and size 



Drag & drop  D:\    Drag & drop E:\

	Full path	Size	Date				Full path
1	D:\a	<Folder>		☒			
2	D:\a_temp	<Folder>		☒			
3	D:\a_temp\msys	<Folder>		☒			
4	D:\a_temp\msys\msys64	<Folder>		☒			
5	D:\a_temp\msys\msys64\var	<Folder>		☒			
6	D:\a_temp\msys\msys64\var\cache	<Folder>		☒			
7	fontconfig	<Folder>		☒			
8	D:\a_tem... CACHEDIR.TAG	204	2020-11-16 10:11:58 AM	☒			
9	ef9c9ad8cc5857eb63cb3660bc8bd202-x86_...	1,864,480	2020-11-16 10:11:58 AM	☒			
10	D:\alan\opcug\presentations Q&A.pptx	2,714,110	2020-11-16 10:28:24 AM	☒			E:\alan\opc...
11	Q&A_Index.txt	7,740	2020-11-16 10:28:45 AM	☒			



Application Support Status

Caching Applications	Archive/Backup Tools
The following applications are known to create and maintain caches of some kind in the user's home directory. Applications that currently support this specification: • BZFlag multi-player 3D game as of 2004-07-24. (Feature Request) • libdvdcss as of 2004-08-12. (Feature Request) • VLC as of 2004-10-27. • WWOFFLE as of 2006-02-05. Positive responses received from developers of: • Mozilla web browser (Feature Request) • Galeon web browser • OpenOffice.org (Feature Request) • ccache Discussion initiated with developers of: • The GIMP • aRts/MCOP	The following archival tools support this tagging convention: • tar archiving/backup tool: use the new <code>--exclude-caches</code> option. (patch to tar-1.14) (patch to tar-CVS) Other archival tools that are not (yet) directly sensitive to cache tags, but can be made so through the use of appropriate options or shell magic: • cpio archiving/backup tool • rsync incremental transfer/synchronization tool • DAR disk archiver (Feature Request)

FileEditViewBookmarksToolsWindowHelp

CACHEDIR.TAG (#5940) · Issues · GNOME / GIMP · GitLab

CACHEDIR.TAG (#5940) · Issues

gitlab.gnome.org/GNOME/gimp/-/issues/5940

Search Google

JS

GNOME

ProjectsGroupsMore

Search or jump to...

GNOME > GIMP > Issues > #5940

OpenOpened just now by Alan GermanClose issueNew issue

CACHEDIR.TAG

GIMP version:
2.10.22
Operating System:
Windows 10
Package:
Installer downloaded directly from gimp.org

Description of the bug

Gimp Version 2.10.22 is producing a folder named "a" on my dedicated data drive when the program is opened and then immediately closed. If I drill down the folder structure, I eventually reach the file CACHEDIR.TAG in the sub-folder d:\temp\msys\msys64\var\cache\fontconfig. This folder also contains a file with a long alph-numeric file name (ef9c9ad8cc...)

Reproduction

Is the bug reproducible?
Always

To DoAdd a to do>>

0 Assignees
None

Milestone
None

Time tracking
No estimate or time spent

Due date
None

Labels
None

Confidentiality
Not confidential

Lock issue
Unlocked

1 participant

Bug in Version 2.10.22
Version 2.10.18-2 OK



**Any Other:
Questions?
Comments?
Shares?**



Tech Café, OPL
November 23, 4:00 pm

**Scam Avoidance
and Trust**

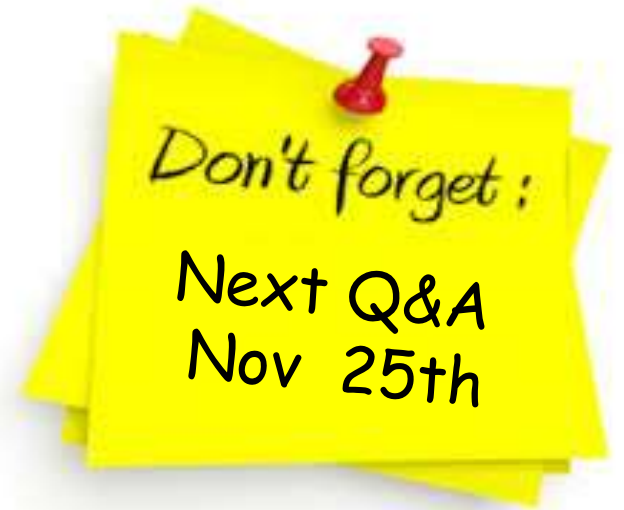


Lawrence Patterson

Register at: opcug.ca/opl-presentations/



Questions



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

SuggestionBox@opcug.ca

