



Q&A

Alan German & Chris Taylor
Ottawa PC Users' Group



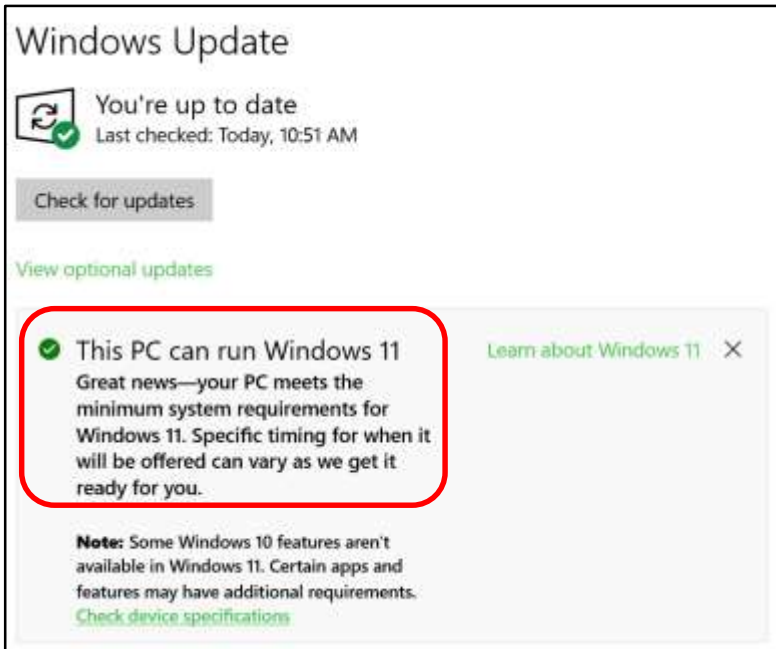
Have you upgraded to Windows 11?



Windows 11

- *general availability*

2021-10-05



My desktop computer will be offered Windows 11

But do I want it...?



Question:

- anyone running Win 11?
- what are your thoughts?

Chris Taylor

Follow-up

Last week's poll

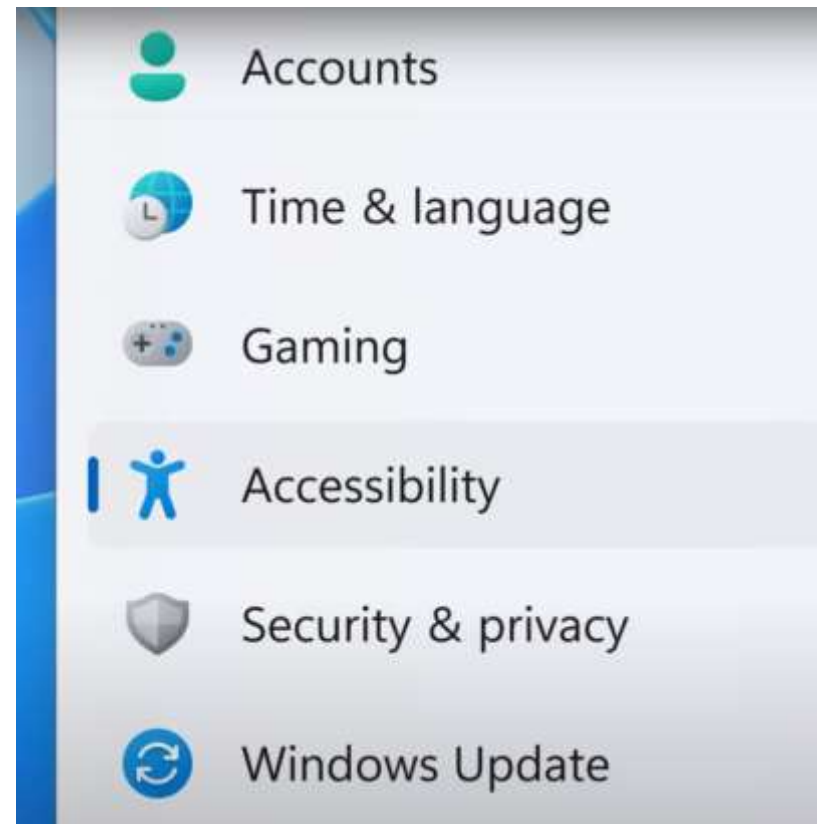


Not terribly surprising!

Share

Windows 11 Accessibility

- Microsoft is a leader in accessibility
- Feature used to be called Ease of Access
- Many refinements and enhancements



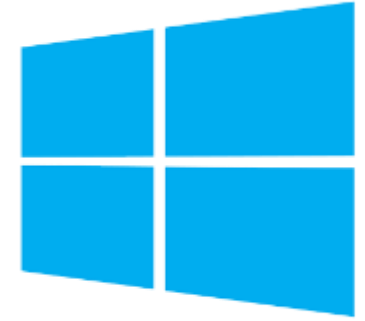
Preparing to abandon ^{the windows} ~~ship~~

To-do list:

- ✓ (1) Install Linux on the last remaining computer
- ✓ (2) Identify the current uses of Windows 10
- (3) Identify Linux-based alternatives**
- (4) Find workarounds if no alternatives exist*

** Are there any show-stoppers?*

- ✓ • Microsoft Word (correspondence, newsletter articles, Treasurer's reports)
- ? • Microsoft Excel (macro programming)
- ✓ • Microsoft PowerPoint (Q&A sessions)
- ✓ • Text editor (Notepad++)
- ✓ • Disk image backups (Macrium Reflect)
- ✓ • Digital image management (FastStone Image Viewer)
- File search (Everything)
- HTML editor (Homesite)
- Garmin GPS (MapSource)
- Income tax preparation (Taxman)
- Bosch Crash Data Retrieval Tool (CDR)



Alternatives



Everything

File Edit View Search Bookmarks Tools Help

Everything










Name	Path	Size	Date Modified
#!001	C:\Users\admin\AppData\Local\Packages\Microsoft.MicrosoftEdge_8wekyb3d8bbwe\AC		2015-12-29 1:53 PM
#!001	C:\Users\toaster\AppData\Local\Packages\Microsoft.MicrosoftEdge_8wekyb3d8bbwe\AC		2015-08-11 4:45 PM
#!002	C:\Users\admin\AppData\Local\Packages\Microsoft.MicrosoftEdge_8wekyb3d8bbwe\AC		2017-11-11 1:28 PM
#!002	C:\Users\toaster\AppData\Local\Packages\Microsoft.MicrosoftEdge_8wekyb3d8bbwe\AC		2015-08-11 4:45 PM
#!006	C:\Users\admin\AppData\Local\Packages\Microsoft.MicrosoftEdge_8wekyb3d8bbwe\AC		2017-11-11 1:28 PM
#!006	C:\Users\toaster\AppData\Local\Packages\Microsoft.MicrosoftEdge_8wekyb3d8bbwe\AC		2017-04-12 10:01 AM
#!121	C:\Users\admin\AppData\Local\Packages\Microsoft.MicrosoftEdge_8wekyb3d8bbwe\AC		2017-04-14 8:47 PM
#!121	C:\Users\toaster\AppData\Local\Packages\Microsoft.MicrosoftEdge_8wekyb3d8bbwe\AC		2015-08-11 4:46 PM
#home.mcafee.com	C:\Users\Alan\AppData\Roaming\Macromedia\Flash Player\macromedia.com\support\...		2014-12-13 10:03 PM
#SharedObjects	C:\Users\admin\AppData\Roaming\Macromedia\Flash Player		2015-06-08 1:13 PM
#SharedObjects	C:\Users\Alan\AppData\Roaming\Macromedia\Flash Player		2014-12-13 10:03 PM
#SharedObjects	C:\Users\toaster\AppData\Roaming\Macromedia\Flash Player		2019-08-29 5:57 PM
\$PatchCache\$	C:\Windows\Installer		2015-06-16 1:38 PM
\$R11JRD0	D:\\$RECYCLE.BIN\S-1-5-21-4013694141-4269091737-85032827-1005\SRSYLZY1.Trash-0\fi...		2018-11-06 2:42 PM
\$Recycle.Bin	C:		2018-06-18 4:50 PM
\$RECYCLE.BIN	D:		2019-03-30 9:47 AM
\$RECYCLE.BIN	D:\\$RECYCLE.BIN\S-1-5-21-4013694141-4269091737-85032827-1005\SRSYLZY1.Trash-0\fi...		2019-03-27 11:52 AM
\$RSYLZY1.Trash-0	D:\\$RECYCLE.BIN\S-1-5-21-4013694141-4269091737-85032827-1005		2019-04-04 2:00 PM
\$WinREAgent	C:		2021-09-17 10:01 PM
-0000000000000000-0000000000	C:\Users\toaster\AppData\Roaming\dvdcss		2017-08-06 8:12 PM
-00399c0800000000-0000000000	C:\Users\toaster\AppData\Roaming\dvdcss		2017-08-06 8:12 PM
-0075860000758d00-0000000000	C:\Users\toaster\AppData\Roaming\dvdcss		2017-08-06 8:12 PM
-01d5670001d61300-0000000000	C:\Users\toaster\AppData\Roaming\dvdcss		2017-01-27 7:44 PM
-1507260641326	C:\Users\toaster\AppData\Local\Packages\Microsoft.MicrosoftSolitaireCollection_8wek...		2017-11-28 9:30 PM
-1513066151070	C:\Users\toaster\AppData\Local\Packages\Microsoft.MicrosoftSolitaireCollection_8wek...		2017-11-28 9:30 PM
.apm	C:\Users\toaster\atom		2021-02-22 5:05 PM
atom	C:\Users\toaster		2021-02-22 5:08 PM

677,441 objects

to_do - Everything

File Edit View Search Bookmarks Tools Help

to_do | Everything

Name	Path	Size	Date Modified
 magix_photo_down.png	C:\Program Files (x86)\Common Files\LogiShrd\LWSPPlugins\LWS\Metadata	12 KB	2012-09-26 4:30 PM
 Santo_Domingo	C:\Program Files\R\R-4.0.4\share\zoneinfo\America	1 KB	2021-01-29 7:30 PM
 Santo_Domingo	C:\Program Files\R\R-4.0.4\Tcl\bin64\lib\tcl8.6\tzdata\America	1 KB	2021-02-15 8:59 AM
 Santo_Domingo	C:\Program Files\R\R-4.0.4\Tcl\lib\tcl8.6\tzdata\America	1 KB	2021-02-15 8:59 AM
 To_Do_List.emf	C:\Users\admin\AppData\Local\Microsoft\Windows Mail\Stationery	27 KB	2013-08-22 3:12 PM
 To_Do_List.emf	C:\Users\toaster\AppData\Local\Microsoft\Windows Mail\Stationery	27 KB	2013-08-22 3:12 PM
 to_do_list.pptx	D:\alan\opcug\presentations	9,344 KB	2021-10-03 12:35 PM
 to_do_list.pptx.LNK	C:\Users\toaster\AppData\Roaming\Microsoft\Office\Recent	1 KB	2021-10-03 12:32 PM
 to_do_list.pptx.lnk	C:\Users\toaster\AppData\Roaming\Microsoft\Windows\Recent	1 KB	2021-10-03 12:32 PM

9 objects



Linux Software

Find



Everything

We have 94 alternatives



HTTPS Everywhere

We have 9 alternatives



Poll Everywhere



FSearch

Free • Open Source Linux

Support for regular expressions Indexed search File Searching

♥ 45

78 alternatives to FSearch

FSearch is a fast file search utility for GNU/Linux operating systems, inspired by Everything Search Engine. It's written in C and based on GTK+3.



Catfish

Free • Open Source Linux GTK+ Xfce PyGTK

File Searching Autocompletion Filtering

♥ 32

24 alternatives to Catfish

GTK+ desktop search frontend.



Fsearch

Releases

Tags

Latest release

v0.1

7e01466

Compare

First stable release: 0.1

cboxdoerfer released this 9 days ago · 45 commits to master since this release

Most significant changes since the last beta release:

- moved from GtkTreeView to a custom listview widget, which greatly improves memory usage, search performance and works much better with millions of results
- added a file extension column
- added sort information to the database index, which greatly improves sort speed
- added multi-threaded sorting, for faster sort speed
- added a memory pool to store database entries, which greatly reduces the database load and scan times
- updated database format, which greatly improves database load and save times
- added file properties dialog to the result list's context menu
- added unit testing
- greatly improved search performance for queries containing UTF8 characters
- added command line option to set the initial search term

11 9 1 11 people reacted

Assets 2

Source code (zip)

Source code (tar.gz)

Source code!

Download

Ubuntu

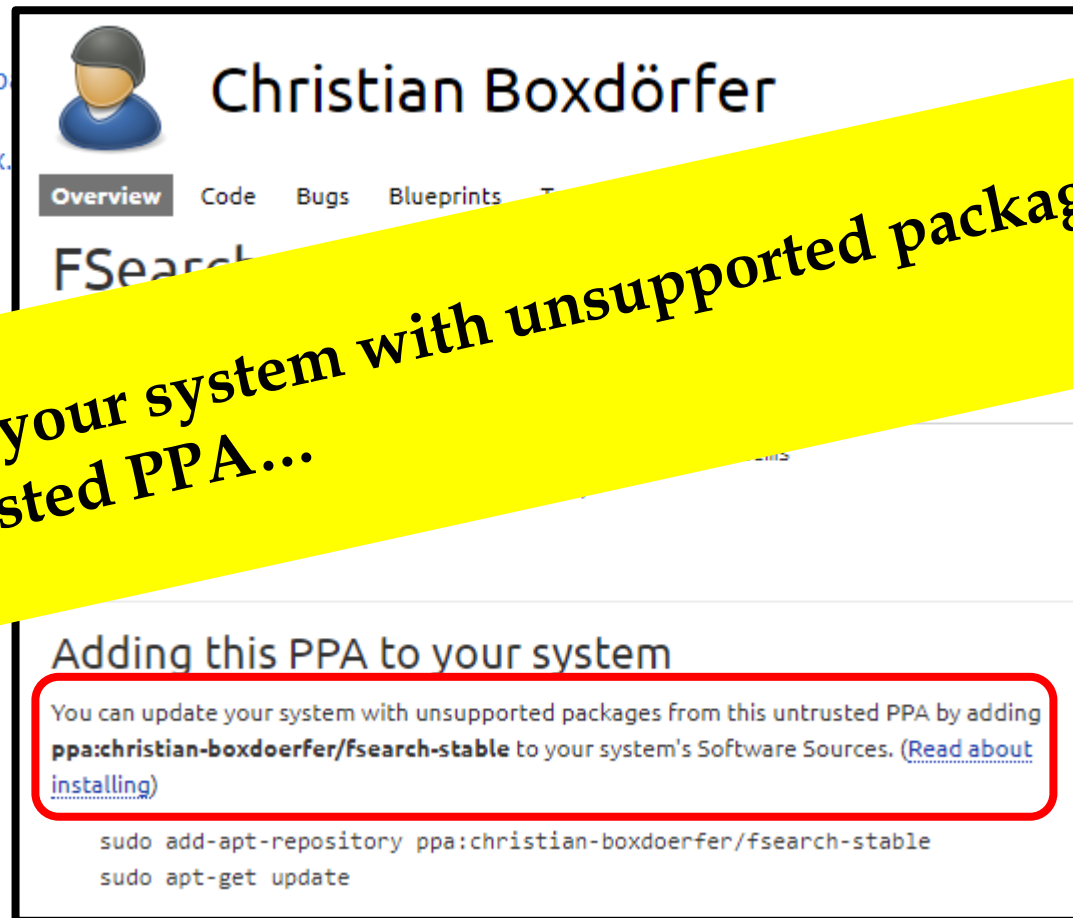
- Release Builds: <https://launchpad.net/~christian-boxdoerfer/+archive/ubuntu/fsearch-stable>
- Development Builds: <https://launchpad.net/~christian-boxdoerfer/+archive/ubuntu/fsearch-daily>


Arch Linux (AUR)

- Release Builds: <https://aur.archlinux.org/p>
- Development Builds: <https://aur.archlinux.org/p>

Fedora/RHEL/CentOS

- Release Builds: <https://copr.fedoraproject.org/k>



 **Christian Boxdörfer**

Overview Code Bugs Blueprints

FSearch

You can update your system with unsupported packages from this untrusted PPA...

Adding this PPA to your system

You can update your system with unsupported packages from this untrusted PPA by adding **ppa:christian-boxdoerfer/fsearch-stable** to your system's Software Sources. ([Read about installing](#))

```
sudo add-apt-repository ppa:christian-boxdoerfer/fsearch-stable
sudo apt-get update
```



Q catfish



Catfish

File searching tool which is configurable via the command line

★ ★ ★ ★ ☆ 3.9

23 Reviews

Launch

Remove

Catfish is a handy file searching tool for Linux and UNIX. The interface is intentionally lightweight and simple, using only Gtk+3. You can configure it to your needs by using several command line options.

<https://docs.xfce.org/apps/catfish/start>



https://launchpad.net/catfish-search



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Linux Mint



Community



Forums



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News ▾



bkja



Catfish

Overview

Code

Bugs

Blueprints

Translations

Answers

Registered 2012-06-04 by  Sean Davis

Catfish is a versatile file searching tool.


Catfish is a GTK+ search utility written in python. It's search is powered by find and locate, with search suggestions provided by zeitgeist.

 [Home page](#)

Details:

Package catfish


Version 4.16.0-1~20.04

 toaster

to_do



Catfish File Search

Enter your query above to find your files
or click the  icon for more options.

toaster

to_do




No files found.
Try making your search less specific
or try another directory.

Search results for "to_do"

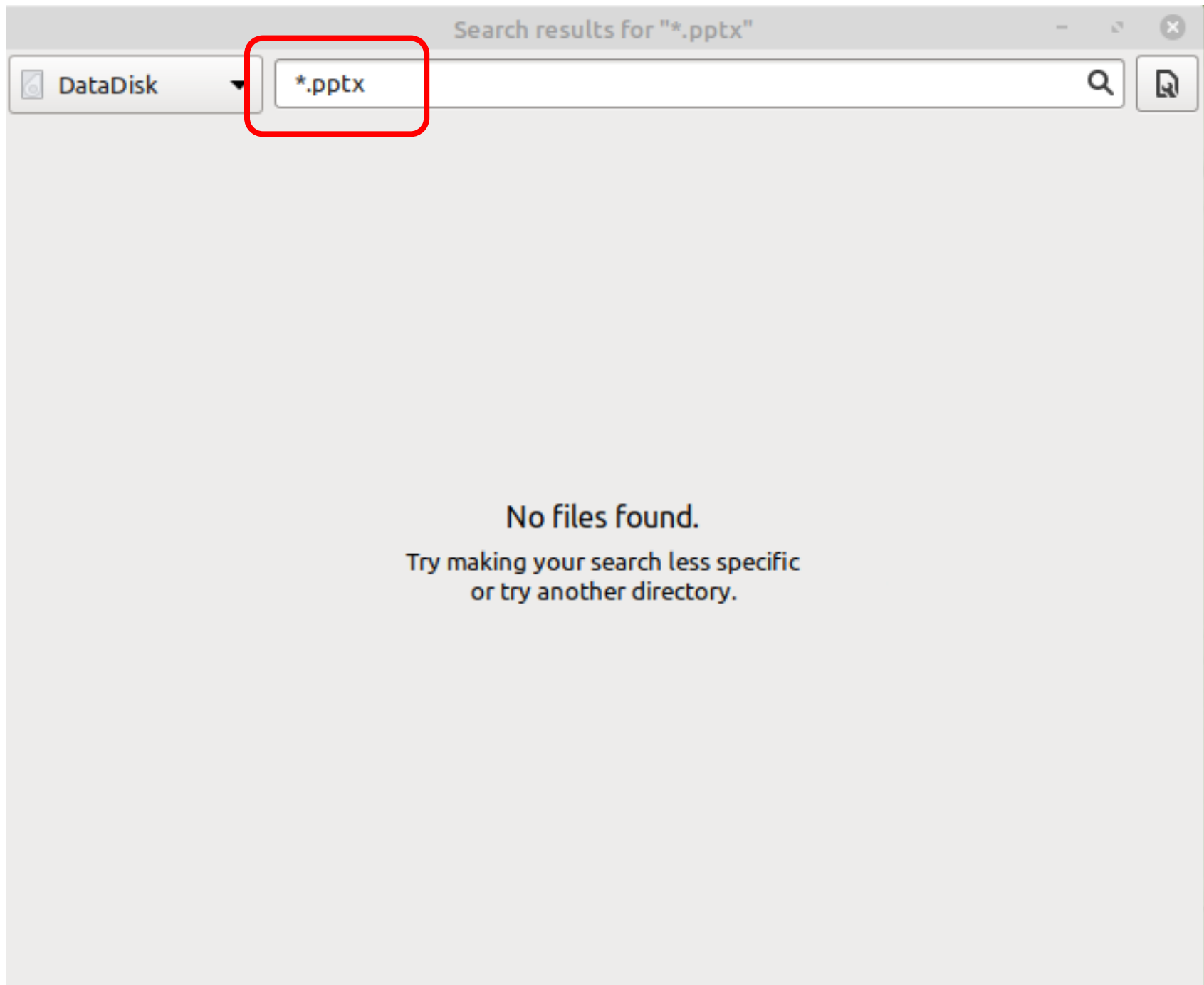
DataDisk

to_do



Filename	Size	Location	Modified
 to_do_list.pptx	9.4 MB	/media/DataDisk/alan/opcug/presentations	Today

1 file found.



Search results for ".pptx"


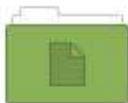






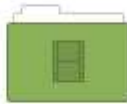




DataDisk

.pptx

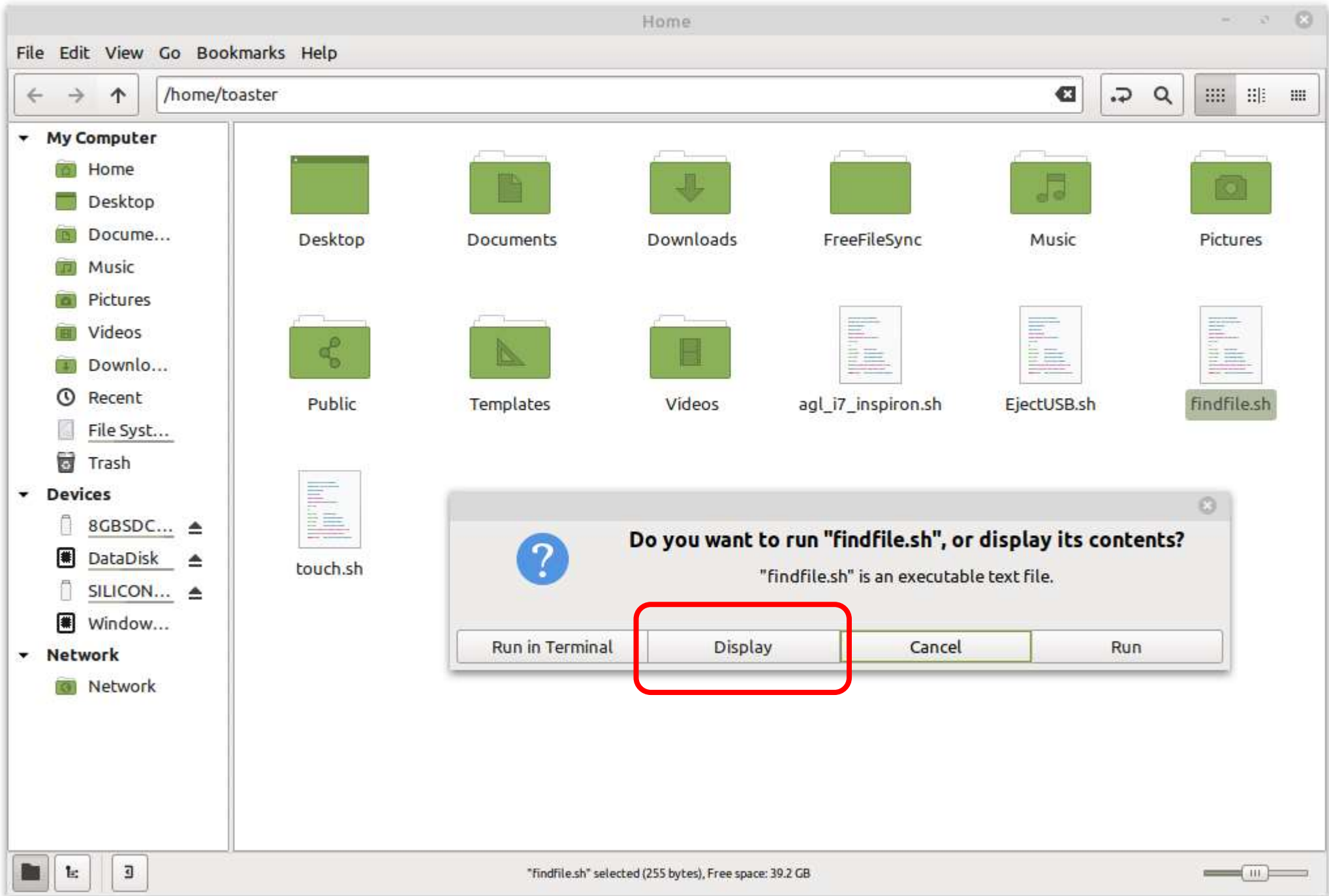
Filename	Size	Location	Modified
ped_detect.pptx	82.7 kB	/media/DataDisk/alan/carsp	2019-10-31
precrash.pptx	192.2 kB	/media/DataDisk/alan/carsp/edr	2019-11-04
djd_presentation_template.pptx	95.4 kB	/media/DataDisk/alan/djd	2011-11-30
ATIP.pptx	4.4 MB	/media/DataDisk/alan/djd/ATIP	2019-09-02
2017 CISS EDR INVESTIGATION FDEW 2019-10-26.pptx	32.5 MB	/media/DataDisk/alan/djd/CISS	2019-11-07
rsx_member_site.pptx	60.4 kB	.../DataDisk/alan/djd/rsx/documents	2010-06-25
Regulatory_Convergence_Analysis_Final_Presentation_L	1.4 MB	...aDisk/alan/djd/web_site/cmvss214	2012-03-07
djd_logo.pptx	183.1 kB	...Disk/alan/djd/web_site/documents	2018-12-03
linux_north.pptx	38.2 kB	/media/DataDisk/alan/linux_north	2010-12-31
did_you_know_01.pptx	54.8 kB	/media/DataDisk/alan/opcug/articles	2017-03-12
2021-09-29-Q&A.pptx	2.9 MB	...ataDisk/alan/opcug/presentations	Thursday
2021-10-06-Share-monitors.pptx	4.7 MB	...ataDisk/alan/opcug/presentations	Friday
Q&A.pptx	8.0 MB	...ataDisk/alan/opcug/presentations	Yesterday
Q&A_USBshare.pptx	1.1 MB	...ataDisk/alan/opcug/presentations	2021-09-20
Q&A_addons.pptx	2.2 MB	...ataDisk/alan/opcug/presentations	2021-09-01
Q&A_pending.pptx	357.0 kB	...ataDisk/alan/opcug/presentations	2021-09-20
computer_basics.pptx	178.0 kB	...ataDisk/alan/opcug/presentations	2021-08-21
graphics.pptx	1.3 MB	...ataDisk/alan/opcug/presentations	2021-03-11
office-smidgen-down.pptx	611.9 kB	...ataDisk/alan/opcug/presentations	2021-09-04

33 files found.

- ▼ **My Computer**
 - Home
 - Desktop
 - Docume...
 - Music
 - Pictures
 - Videos
 - Downlo...
 - Recent
 - File Syst...
 - Trash
- ▼ **Devices**
 - 8GBSDC... ▲
 - DataDisk ▲
 - SILICON... ▲
 - Window...
- ▼ **Network**
 - Network

 Desktop	 Documents	 Downloads	 FreeFileSync	 Music	 Pictures
 Public	 Templates	 Videos	 agI_i7_inspiron.sh	 EjectUSB.sh	 findfile.sh
 touch.sh					





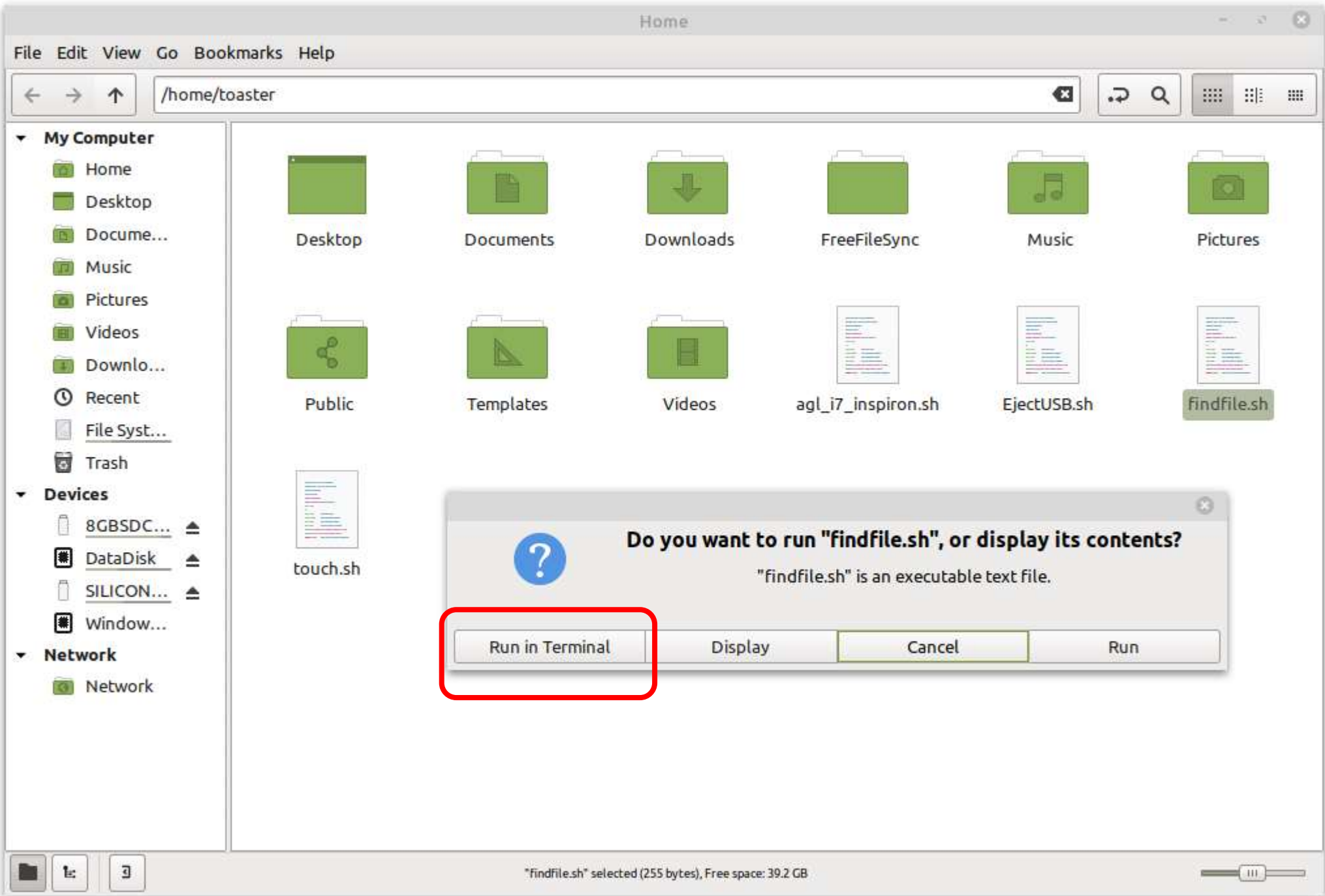
D:\original\ubuntu\findfile.sh - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?



findfile.sh x

```
1  #!/bin/bash
2  # Find command used from the home folder in all sub-folders of DataDisk
3  # for a case insensitive search of a specific file name
4  echo 'Enter file name'
5  read filenam
6  find ../../media/DataDisk -iname $filenam
7  echo "Shell command complete"
8  read
9
10
```



Terminal



File Edit View Search Terminal Help

Enter file name

to_do*.*



Terminal



File Edit View Search Terminal Help

Enter file name

to_do*.*

../../media/DataDisk/alan/opcug/presentations/to_do_list.pptx

Shell command complete



Terminal

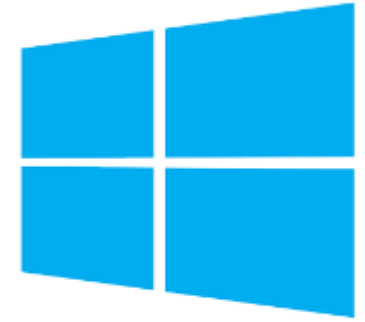
File Edit View Search Terminal Help

Enter file name

*.pptx

```
../../../../media/DataDisk/alan/carsp/edr/precrash.pptx
../../../../media/DataDisk/alan/carsp/ped_detect.pptx
../../../../media/DataDisk/alan/djd/rsx/documents/rsx_member_site.pptx
../../../../media/DataDisk/alan/djd/ATIP/ATIP.pptx
../../../../media/DataDisk/alan/djd/CISS/2017 CISS EDR INVESTIGATION FDEW 2019-10-26.pptx
../../../../media/DataDisk/alan/djd/djd_presentation_template.pptx
../../../../media/DataDisk/alan/djd/web_site/cmvs214/Regulatory_Convergence_Analysis_Final
_Presentation_Deck.pptx
../../../../media/DataDisk/alan/djd/web_site/documents/djd_logo.pptx
../../../../media/DataDisk/alan/linux_north/linux_north.pptx
../../../../media/DataDisk/alan/opcug/articles/did_you_know_01.pptx
../../../../media/DataDisk/alan/opcug/QandA/QandA.pptx
../../../../media/DataDisk/alan/opcug/presentations/office/Q&A_FollowUp.pptx
../../../../media/DataDisk/alan/opcug/presentations/office/Q&A_FollowUp_Linux.pptx
../../../../media/DataDisk/alan/opcug/presentations/office/Q&A_FollowUp_Times.pptx
../../../../media/DataDisk/alan/opcug/presentations/office_smackdown.pptx
../../../../media/DataDisk/alan/opcug/presentations/Q&A.pptx
../../../../media/DataDisk/alan/opcug/presentations/Q&A_addons.pptx
../../../../media/DataDisk/alan/opcug/presentations/Q&A_pending.pptx
../../../../media/DataDisk/alan/opcug/presentations/Q&A_USBshare.pptx
../../../../media/DataDisk/alan/opcug/presentations/tips_tricks_traps_10.pptx
../../../../media/DataDisk/alan/opcug/presentations/to_do_list.pptx
../../../../media/DataDisk/alan/opcug/presentations/2021-09-29-Q&A.pptx
../../../../media/DataDisk/alan/opcug/presentations/2021-10-06-Share-monitors.pptx
../../../../media/DataDisk/alan/opcug/presentations/computer_basics.pptx
```


- ✓ • Microsoft Word (correspondence, newsletter articles, Treasurer's reports)
- ? • Microsoft Excel (macro programming)
- ✓ • Microsoft PowerPoint (Q&A sessions)
- ✓ • Text editor (Notepad++)
- ✓ • Disk image backups (Macrium Reflect)
- ✓ • Digital image management (FastStone Image Viewer)
- ✓ • File search (Everything)
- HTML editor (Homesite)
- Garmin GPS (MapSource)
- Income tax preparation (Taxman)
- Bosch Crash Data Retrieval Tool (CDR)



Alternatives



Share

Fixing corrupted Windows files

- Windows has built-in tools that can work together to fix corrupted system files
 - DISM (Deployment Image Servicing & Management)
 - SFC (System File Checker)
- Can be safely run any time
- First run a *Command Prompt* as administrator
 - click *Start*
 - type *CMD*
 - right-click *Command Prompt* in results
 - choose *Run as administrator*
 - make sure title bar shows *Administrator...*



Tom Trottier

A screenshot of a Windows Command Prompt window. The title bar is green and contains the text 'Administrator: Command Prompt'. The main area is black with white text. The text in the window reads: 'Microsoft Windows [Version 10.0.19043.1348] (c) Microsoft Corporation. All rights reserved. C:\WINDOWS\system32>'. A red box highlights the title bar.

Share

Fixing corrupted Windows files

- Run DISM
 - at the elevated Command Prompt, run

```
DISM.exe /Online /Cleanup-image /Restorehealth
```

- the above requires a functioning Windows Update (WU), so if your Windows Update is broken, see instructions at

<https://support.microsoft.com/en-us/topic/use-the-system-file-checker-tool-to-repair-missing-or-corrupted-system-files-79aa86cb-ca52-166a-92a3-966e85d4094e>

Share

Fixing corrupted Windows files

- Run SFC
 - at the elevated Command Prompt, run

```
sfc /scannow
```

- scans all protected system files
- replaces corrupted files with a cached copy
- If it reports *Windows Resource Protection could not perform the requested operation* or *Windows Resource Protection found corrupt files but was unable to fix some of them*, see

<https://support.microsoft.com/en-us/topic/use-the-system-file-checker-tool-to-repair-missing-or-corrupted-system-files-79aa86cb-ca52-166a-92a3-966e85d4094e>

Share

Fixing corrupted Windows files

- Windows won't load due to corrupted system files?
- May be possible to fix
 - boot Windows from a DVD
 - run DISM from there
 - point to Windows on hard drive as installation to fix
- Multi-step process
- Easier than reinstalling Windows!

<https://www.itechguides.com/dism-exe-online-cleanup-image-restorehealth-what-it-is-and-how-to-use/>

Share

Ça va où?

- Recycle Quebec has an app for residents (and guests) who are wondering what to do with that item nobody wants anymore.
- Black box, blue box, green box, brown?
- Or, maybe we take it to an authorized recycle centre and let them deal with it.
- This app has a surprising amount of detailed items and disposal information.

<https://play.google.com/store/apps/details?id=ca.qc.gouv.recycquebec.appmobile>

Share

Recycle Quebec

- I realize most OPCUG members are in Ontario but some of you may have cottage property in Quebec or know people who do.
- If not, maybe this will encourage you to look for an Ontarian variety of this app.



<https://play.google.com/store/apps/details?id=ca.qc.gouv.recycquebec.appmobile>



Ontario Sanitary Service
Ontario Sanitary Service



Recycle Coach
Municipal Media Inc.



Verify Ontario
Government of Ontario



Recycle Everywhere
SynoptiCons



TOwaste
City of Toronto (SWMS)



Recycle BC
Recycle BC



Recycle!
Bebat - Fost Plus



Recycle Bin
AA-Android Apps



GarbageDay - Recycle
RBC Ventures



Recycle.Green
InnovateGreen



Ottawa Collection Centre
City of Ottawa



Ontario Drive
Province of Ontario - Ministry of Environment



RecycleMaster: Recycling
Dovi Tools



Simcoe County Collection
County of Simcoe



Recycle Bin
RYO Software



RecycleSmart - Recycling
RecyclesmartTeam



Live Love Recycle
Live Love Recycle



Recycle Bin - Recycling
Enhance Studio



Ontario Sanitary Service
Ontario Sanitary Service



Recycle Coach
Municipal Media Inc.



Verify Ontario
Government of Ontario



Recycle Everywhere
SynoptiCons



TOwaste
City of Toronto (SWMS)



Recycle BC
Recycle BC



Recycle!
Bebat - Fost Plus



Recycle Bin
AA-Android Apps



GarbageDay - Recy
RBC Ventures



Recycle.Green
InnovateGreen



Ottawa Collection C
City of Ottawa



Ontario Drive
Province of Ontario - M



RecycleMaster: Rec
Dovi Tools



Simcoe County Coll
County of Simcoe



Recycle Bin
RYO Software



RecycleSmart - Rec
RecyclesmartTeam



Live Love Recycle
Live Love Recycle



Recycle Bin - Rec
Enhance Studio



Directory Creation Dates

- When I copy or move files, the creation date of the files in the file attributes remains unchanged.
- However, when I copy or move directories, the creation date of the copied or moved directory changes to the current date.
- Is there a setting somewhere in Windows, Windows File Manager, or third-party file managers like Total Commander that keeps the creation date of directories unchanged?



A

Directory Creation Dates

- This behaviour makes sense
 - when you copy or move a directory
 - directory *is* new: date is current date
 - files in the directory are not new: date not changed

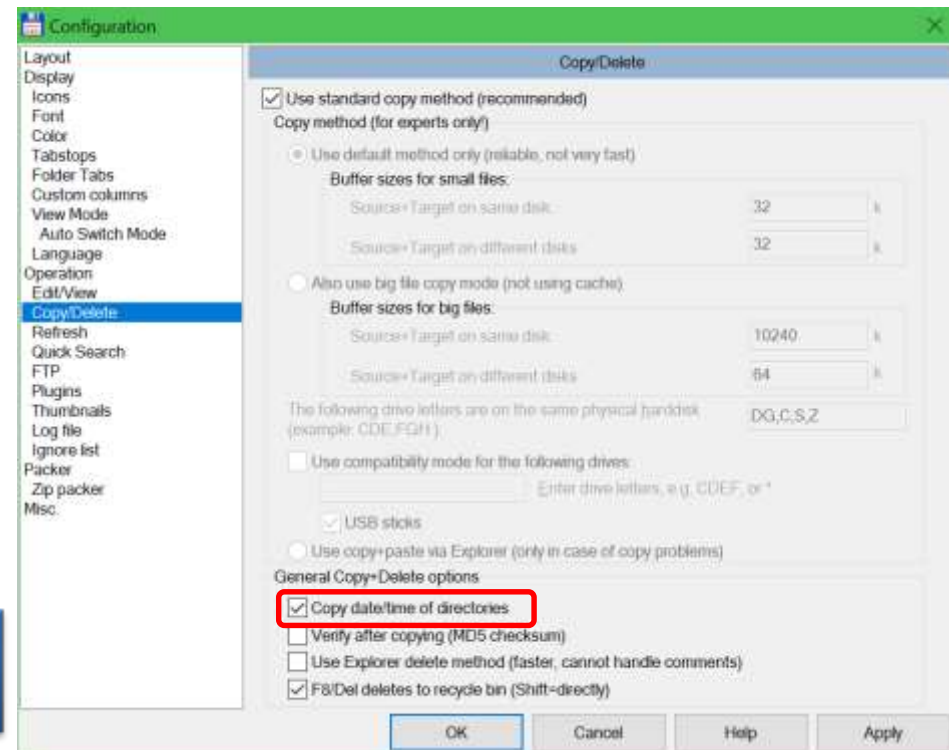
Can modify this behaviour

Total Commander

Configuration | Options |

Copy/Delete |

Copy date/time of directories



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

A Directory Creation Dates

- But is it worth it?
- You see
 - “modified” date stamp, not
 - “creation” date stamp

Total Commander changes “modified”, not “creation”

```
S:\temp>dir q*
Volume in drive S is My Book
Volume Serial Number is F659-5F13

Directory of S:\temp

2021-10-26  02:56 PM    <DIR>          Q&A
```

```
S:\temp>dir q* /TC
Volume in drive S is My Book
Volume Serial Number is F659-5F13

Directory of S:\temp

2021-11-23  04:52 PM    <DIR>          Q&A
```

Q&A copied from another location
Total Commander set date
to original date/time

“Creation” date = current date

A Directory Creation Dates

- Modify a file within a directory
 - modified date of directory updated

```
S:\temp>dir q*
Volume in drive S is My Book
Volume Serial Number is F659-5F13

Directory of S:\temp

2021-11-23  04:57 PM    <DIR>          Q&A
```

File changed within Q&A
Q&A directory date
updated to current

```
S:\temp>dir q* /TC
Volume in drive S is My Book
Volume Serial Number is F659-5F13

Directory of S:\temp

2021-11-23  04:52 PM    <DIR>          Q&A
```

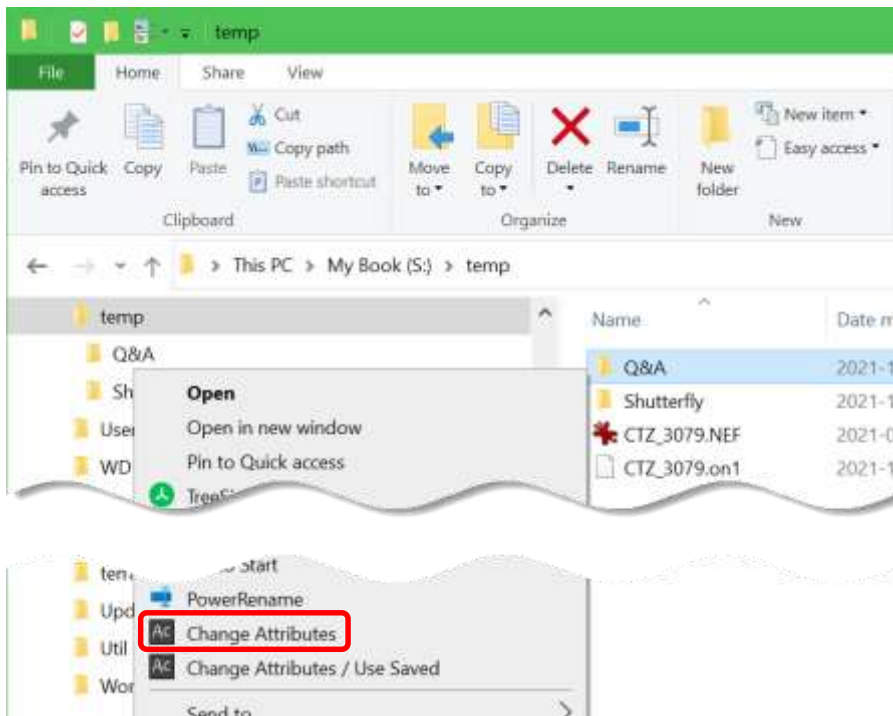
Q&A directory “Creation”
date left as-is

A Directory Creation Dates

- End results using Total Commander to preserve original date stamp of directory
- Directory Q&A copied to a new location
 - “modified” (what you see) date stamp retained
 - “creation” date stamp (you don’t see) = current date
- Change any file within Q&A
 - “modified” (what you see) date stamp updated to current
 - “creation” date stamp (you don’t see) = date directory copied
 - no longer have any date stamp = original
- Change any date stamp
 - PowerShell
 - Attribute Changer

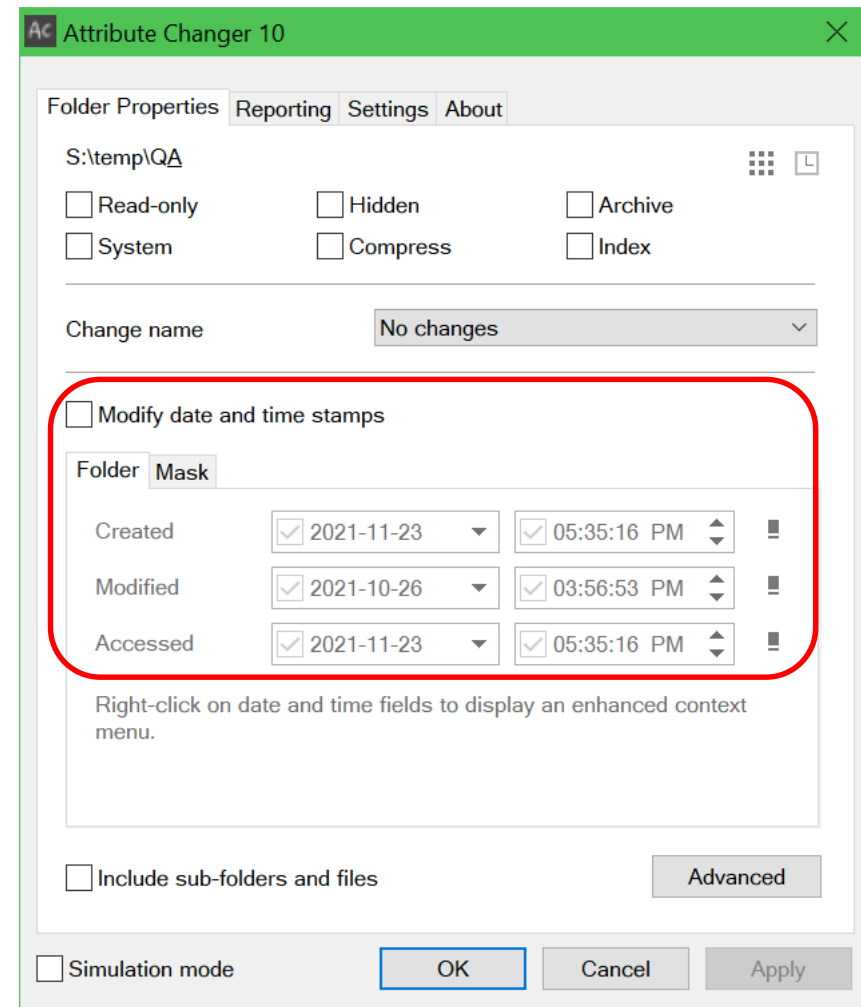
A Directory Creation Dates

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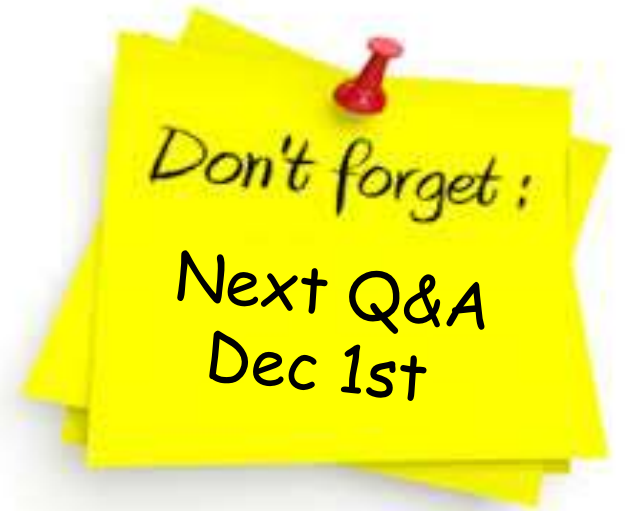
Lynda Buske

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