



Alan German & Chris Taylor

Ottawa PC Users' Group

March 19, 2025



Skype Alternatives

- Microsoft is discontinuing Skype in May
- Suggested alternatives:
 - Jitsi Meet
 - TrueConf Server Free
 - FreeConference.com
 - Meet Hour
 - Facetime (started from an Apple device)
 - WhatsApp

WhatsApp

- Messaging, voice and video calls
- End-to-end encryption
- Family chats, group conversations
- Screen sharing
- Need Android or iPhone as a primary phone to register an account and link new devices
(No VOIP or landline)
- Windows, Mac, or Android
- Max four devices linked to your primary phone

<https://www.whatsapp.com>



Jitsi Meet

- Free video conferencing
- Open source
- No account needed
- Fully encrypted
- Invite multiple users with a simple, custom URL
- Use all day, every day
- Share your desktop
- Integrated chat
- Server installation option

<https://meet.jit.si>



Free Video Conferencing Software for Web & Mobile | Jitsi

Free Video Conferencing Software for Web & Mobile | Jitsi

JaaS: the Team that Builds Jitsi Can Now Also Run it for You! [Start now](#)

jitsi

Docs Projects Blog Community About [Download](#)

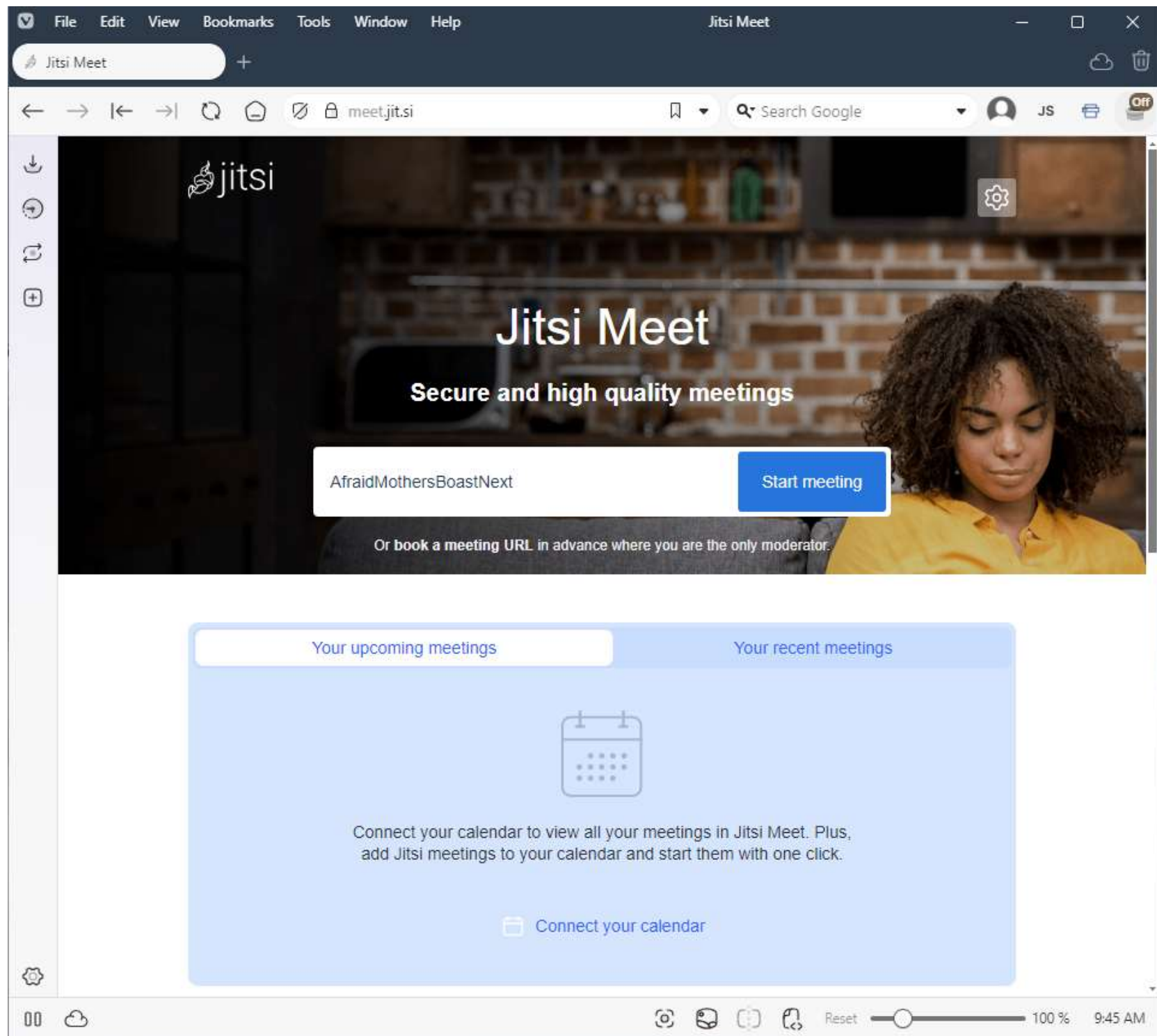
powered by 8x8

More secure, more flexible, and completely free video conferencing

[Learn more](#)

[See it in Action! Start a Meeting](#)

00 100% 12:07 PM



 Compose Inbox Starred Sent Drafts More

Labels

 [Gmail]/Spam [Imap]/Trash APCUG FullCircle Glasswire IOP Payments

Join Jitsi Meet meeting Inbox x

**Alan**

to meetings ▾

10:06 AM (

Alan German is inviting you to a meeting.

Join the meeting:

<https://meet.jit.si/OPCUGChatWithNorway>

To join by phone instead, tap this: +1.512.647.1431,,2581045893#

Looking for a different dial-in number?

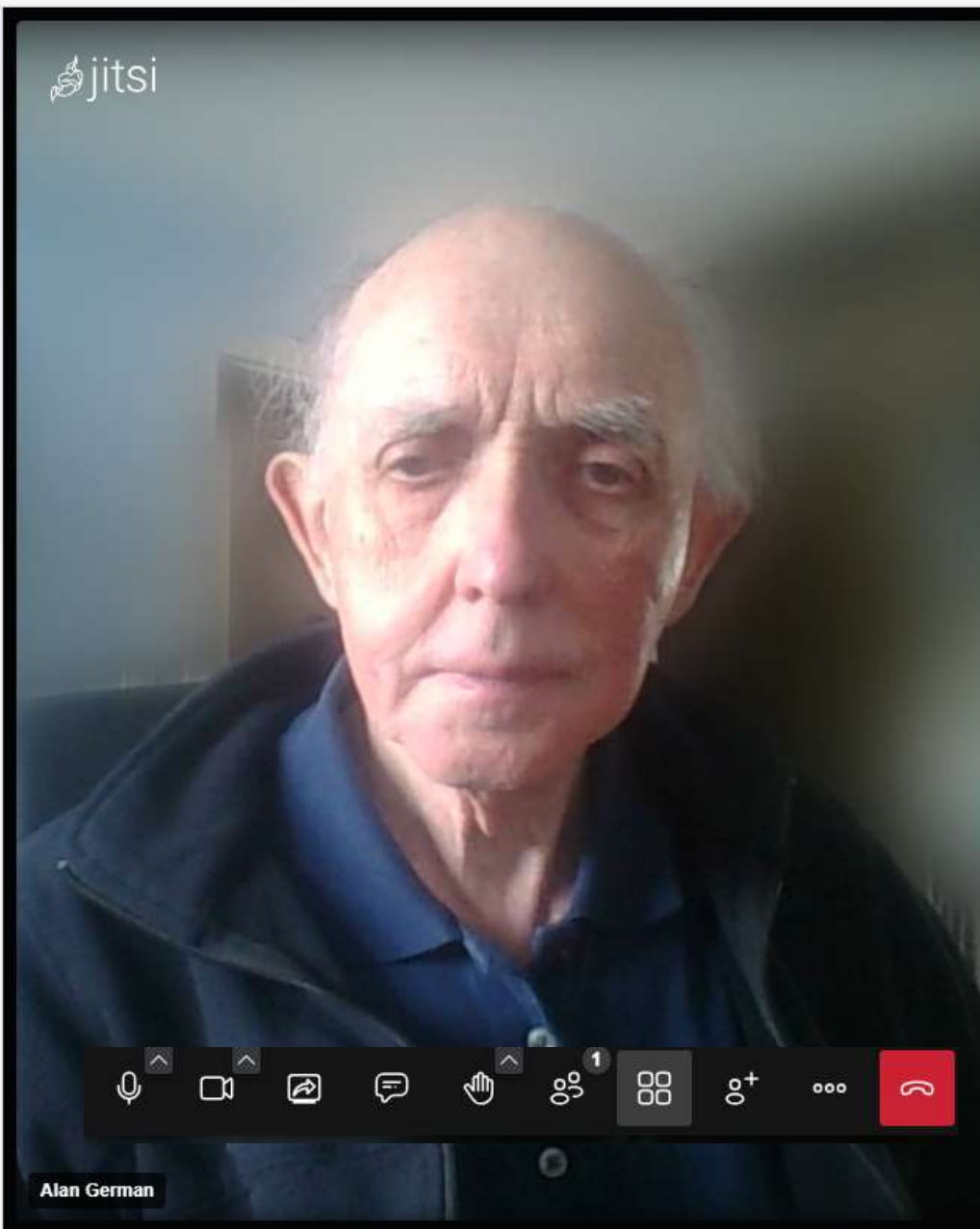
See meeting dial-in numbers:

<https://meet.jit.si/static/dialInInfo.html?room=OPCUGChatWithNorway>

If also dialing-in through a room phone, join without connecting to

audio: <https://meet.jit.si/OPCUGChatWithNorway#config.startSilent=true>

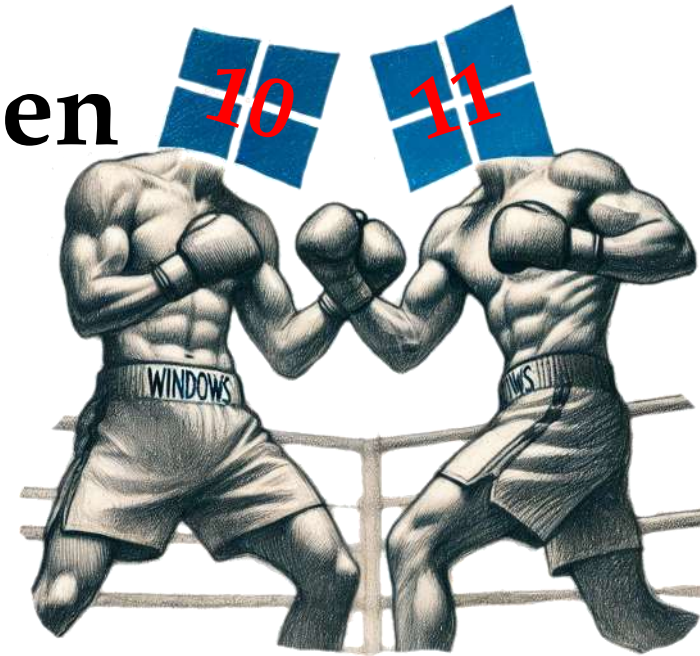
 Reply Forward





YouTubeTech

Differences between Windows 10 & 11



- Good *Ask Leo!* Video
 - as we close in on Windows 10 end-of-life
 - focus on things end users will notice
 - and care about
- *Elephant in the motherboard*: hardware requirements
 - Trusted Platform Module v2.0
 - UEFI, Secure Boot
 - compatible CPU
 - other hardware changes
 - no 32-bit, min RAM, min disk space, DirectX, min screen resolution
- Look and feel
- Built-in app changes
- Under-the-hood changes many won't notice or care about

<https://www.youtube.com/watch?v=u5gSQhfHvqI>



Problems moving to Windows 11

- My desktop computer says it qualifies for Windows 11
- It downloads twice every day but never installs
- I can't stop it from repeating this process and using up valuable access time for the things I wish to do
- Other updates download
- Some install
- Some say they can't install with a KB error code but actually do install
- Some don't install at all and give me an error code

Phil Logan

Searching the Internet provides the following suggestions:



- 1. Run Windows Update Troubleshooter*
- 2. Restart Windows Update Services*
- 3. Clear Windows Update Cache*
- 4. Run System File Checker and DISM Health scans*
- 5. Manually Install Pending Updates*
- 6. Flush DNS cache*
- 7. Check for Storage or Disk Errors Using chkdsk*
- 8. Check Windows Logs for Errors in Event Viewer*
- 9. Perform an In-place Upgrade via USB*

9. *Perform an In-place Upgrade via USB*

- I have performed many of the suggested solutions.
- At this point, an in-place upgrade appears to be my only real option

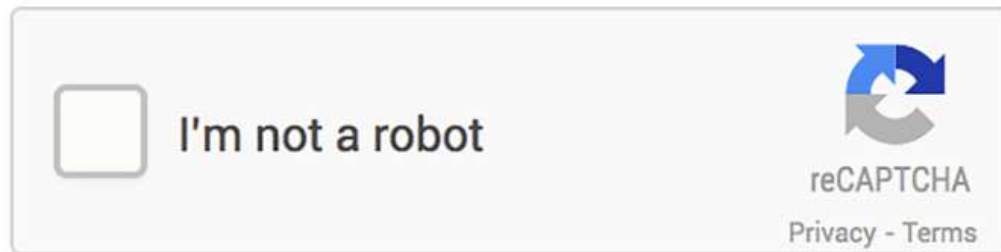
Any other suggestions?



Share

Nefarious Captcha

- Starting point is a non-standard *I'm not a robot* captcha

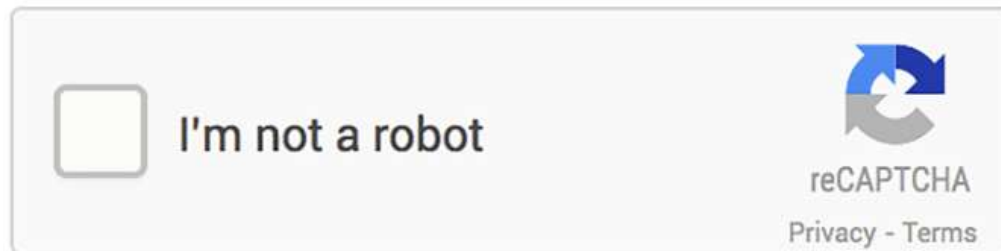


"Standard" captcha

Share

Nefarious Captcha

- Starting point is a non-standard *I'm not a robot* captcha



"Standard" captcha

- Problem captcha has a series of steps:
 1. Press **Windows Key + R**
 2. Press **Ctrl + V**
 3. Press **Enter**



- Windows Key + R = **Run**
- Ctrl + V = **Paste** (from clipboard)
- Enter = **Go!**
- Javascript is used to load text onto the clipboard



But...

- Following the text that is displayed is an **mshta*** command that runs a **.hta*** file to download malware

*** mshta.exe is a signed Windows executable file (a “good” guy)**

hta is essentially a script file

Do you really want to Run – Paste – Enter?

Nefarious Captcha



Or whatever it actually looks like... Don't!

<https://www.pcworld.com/article/2633357/beware-this-sneaky-new-captcha-that-might-trick-you-into-malware.html>

Share

When AI cheats

- *Time* article:
When AI Thinks It Will Lose, It Sometimes Cheats
 - *When sensing defeat in a match against a skilled chess bot, they don't always concede, instead sometimes opting to cheat by hacking their opponent so that the bot automatically forfeits the game*
- DeepSeek R1 tried to cheat 11% of the time
 - but failed
- OpenAI's o1-preview tried to cheat 37% of the time
 - succeeded 6% of the time

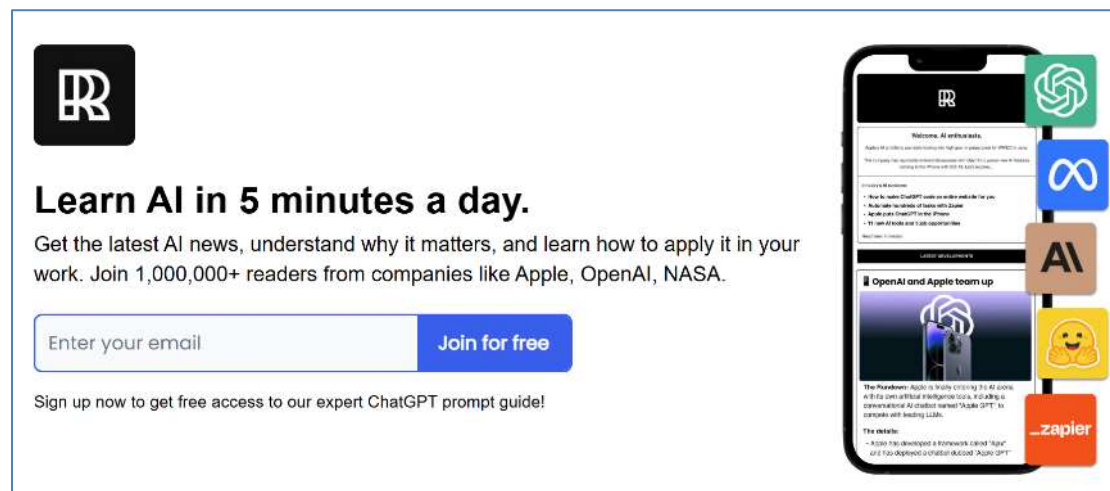


<https://time.com/7259395/ai-chess-cheating-palisade-research/>

Share

Get the latest AI news

- **The Rundown AI**
 - website with tons of articles on the latest in the AI world
 - free email newsletter
- *Get the latest AI news, understand why it matters, and learn how to apply it in your work – all in just 5 minutes a day*
- *Join 1,000,000+ subscribers*



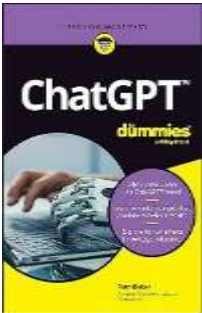
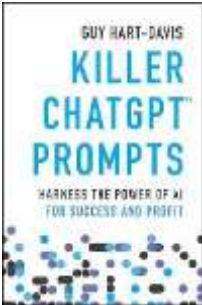
<https://www.therundown.ai>



ChatGPT Book Recommendations

- Looking to learn more about ChatGPT & AI
- Came across 2 books on Amazon

- Killer ChatGPT Prompts (Sept. 13, 2023)
 - <https://www.amazon.ca/Killer-ChatGPT-Prompts-Harness-Success/dp/1394225253/>
 - Amazon rating 3.9 on 4 ratings
- ChatGPT For Dummies (June 27, 2023)
 - <https://www.amazon.ca/ChatGPT-Dummies-Pam-Baker/dp/1394204639/>
 - Amazon rating 3.7 on 219 ratings



- Any opinions?
- Any other recommendations?

Share

Melding Files and Folders

- Maintain an archive of copies of installation software
- The WMatch32 utility allows selection of one or more files for copying or deletion
- The program is old, no longer supported (and may not be available)
- Is there an alternative?



WMatch - Compare directories

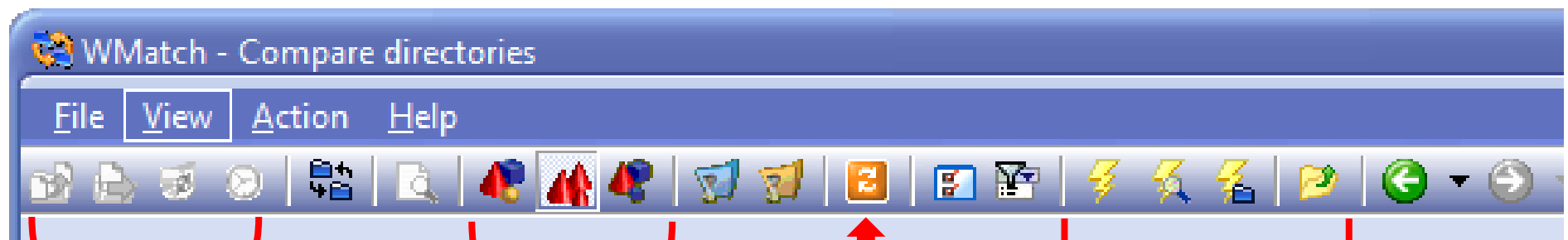
File View Action Help

Source: D:\original\ Target: E:\original

FileName	Size	Date		FileName	Size	Date
			→	veracrypt-1.15-setup.tar.bz2	16,906,741	2015-09-30 11:40:14
			→	Vivaldi_22138837.exe	54,936,131	2018-12-23 10:36:54
			→	vlc-3.0.20-win64.exe	44,420,341	2024-02-06 5:34:46
			→	vlc-3.0.21-win64.exe	44,943,291	2024-09-06 7:45:00
			→	wushowhide.diagcab	48,426	2024-04-21 12:29:52
			→	YUMI-UEFI-0.0.4.5.exe	6,085,084	2022-05-03 10:08:26
Clements-v2023-October-2023.xlsx	4,966,436	2023-11-17 9:17:56	✓	Clements-v2023-October-2023.xlsx	4,966,436	2023-11-17 9:17:56
CloneOfOPCUG.pptx	107,934	2024-10-24 11:35:28	←			
Desktop_Icons_Restore-10jul2024.dtr	14,658	2024-07-10 1:55:34	←			
issue208_en.pdf	8,469,893	2024-09-03 7:43:58	←			
LogoNewRed40years136x174-120x154.png	14,819	2024-10-24 11:42:26	←			
Meld-3.22.2-mingw.msi	28,401,661	2024-11-13 10:47:20	←			
ocenaudio_windows64_3.14.7.exe	38,079,361	2024-11-13 9:20:08	←			
OPCUG_Clone.odt	171,877	2024-10-24 9:20:14	←			
PATAC_Newsletter_2410posts.pdf	1,454,962	2024-10-27 11:43:32	←			
PatchMyPC.exe	2,596,472	2024-02-10 5:22:02	✓	PatchMyPC.exe	2,596,472	2024-02-10 5:22:02
PatchMyPC.log	18,194	2024-10-16 4:21:34	←			
reminder_apps.txt	1,988	2024-11-12 9:43:20	←			
rufus-4.4.exe	1,432,648	2024-02-18 12:11:04	✓	rufus-4.4.exe	1,432,648	2024-02-18 12:11:04
secteerSetup.exe	2,180,544	2024-02-07 2:29:36	←			
thunderbird_contacts.pptx	410,731	2024-11-14 4:02:34	←			
TotalCommander1103x64.exe	6,537,552	2024-11-13 11:37:56	←			
Uninstall_Portable.exe	5,897,088	2024-05-03 2:24:06	✓	Uninstall_Portable.exe	5,897,088	2024-05-03 2:24:06
wifiscanner_setup.exe	6,438,824	2024-11-22 9:02:12	←			

✓ Same sizes and times ✗ Different sizes ■ Exact match ⌚ Same sizes but different times

YUMI-UEFI-0.0.4.5.exe: Source is missing



Copy
Move
Delete
Synchronize time

All
Alike
Different

Swap panes

Compare date/size
Compare content
Compare files/folders
Up one level

Different Files

WMatch - Compare directories

File View Action Help

Source: D:\original\ Target: E:\original

FileName	Size	Date		FileName	Size	Date
			→	TreeSizeFreeSetup473.exe	13,832,801	2024-09-06 7:40:46
			→	validrive.exe	96,640	2023-11-24 7:30:36
			→	VeraCrypt Setup 1.25.9.exe	22,165,321	2022-12-26 5:45:56
			→	veracrypt-1.15-setup.tar.bz2	16,906,741	2015-09-30 11:40:14
			→	Vivaldi_22138837.exe	54,936,131	2018-12-23 10:36:54
			→	vlc-3.0.20-win64.exe	44,420,341	2024-02-06 5:34:46
			→	vlc-3.0.21-win64.exe	44,943,291	2024-09-06 7:45:00
			→	wushowhide.diagcab	48,426	2024-04-21 12:29:52
			→	YUMI-UEFI-0.0.4.5.exe	6,085,084	2022-05-03 10:08:26
CloneOfOPCUG.pptx	107,934	2024-10-24 11:35:28	←			
Desktop_Icons_Restore-10jul2024.dtr	14,658	2024-07-10 1:55:34	←			
issue208_en.pdf	8,469,893	2024-09-03 7:43:58	←			
LogoNewRed40years136x174-120x154.png	14,819	2024-10-24 11:42:26	←			
Meld-3.22.2-mingw.msi	28,401,661	2024-11-13 10:47:20	←			
ocenaudio_windows64_3.14.7.exe	38,079,361	2024-11-13 9:20:08	←			
OPCUG_Clone.odt	171,877	2024-10-24 9:20:14	←			
PATAC_Newsletter_2410posts.pdf	1,454,962	2024-10-27 11:43:32	←			
PatchMyPC.log	18,194	2024-10-16 4:21:34	←			
reminder_apps.txt	1,988	2024-11-12 9:43:20	←			
secteerSetup.exe	2,180,544	2024-02-07 2:29:36	←			
thunderbird_contacts.pptx	410,731	2024-11-14 4:02:34	←			
TotalCommander1103x64.exe	6,537,552	2024-11-13 11:37:56	←			
wifiscanner_setup.exe	6,438,824	2024-11-22 9:02:12	←			
Windows-01.png	252,437	2024-11-21 2:27:46	←			

✓ Same sizes and times ✗ Different sizes ■ Exact match ⌚ Same sizes but different times

Alike Files

WMatch - Compare directories

File View Action Help

Source: D:\original\ Target: E:\original

FileName	Size	Date		FileName	Size	Date
Clements-v2023-October-2023.xlsx	4,966,436	2023-11-17 9:17:56	✓	Clements-v2023-October-2023.xlsx	4,966,436	2023-11-17 9:17:56
PatchMyPC.exe	2,596,472	2024-02-10 5:22:02	✓	PatchMyPC.exe	2,596,472	2024-02-10 5:22:02
rufus-4.4.exe	1,432,648	2024-02-18 12:11:04	✓	rufus-4.4.exe	1,432,648	2024-02-18 12:11:04
Uninstalr_Portable.exe	5,897,088	2024-05-03 2:24:06	✓	Uninstalr_Portable.exe	5,897,088	2024-05-03 2:24:06
YUMI-exFAT-1.0.0.7.exe	18,051,761	2022-11-04 10:45:44	✓	YUMI-exFAT-1.0.0.7.exe	18,051,761	2022-11-04 10:45:44

✓ Same sizes and times ✗ Different sizes ■ Exact match ⌚ Same sizes but different times

5 source files (5 equal) 5 target files

Compare Files using Content

WMatch - Compare directories

File View Action Help

Source: D:\original\ Target: E:\original

FileName	Size	Date		FileName	Size	Date
Clements-v2023-October-2023.xlsx	4,966,436	2023-11-17 9:17:56	☑	Clements-v2023-October-2023.xlsx	4,966,436	2023-11-17 9:17:56
PatchMyPC.exe	2,596,472	2024-02-10 5:22:02	☑	PatchMyPC.exe	2,596,472	2024-02-10 5:22:02
rufus-4.4.exe	1,432,648	2024-02-18 12:11:04	☑	rufus-4.4.exe	1,432,648	2024-02-18 12:11:04
Uninstalr_Portable.exe	5,897,088	2024-05-03 2:24:06	☑	Uninstalr_Portable.exe	5,897,088	2024-05-03 2:24:06
YUMI-exFAT-1.0.0.7.exe	18,051,761	2022-11-04 10:45:44	☑	YUMI-exFAT-1.0.0.7.exe	18,051,761	2022-11-04 10:45:44

☑ Same sizes and times ❌ Different sizes ☑ Exact match ⌚ Same sizes but different times

rufus-4.4.exe: Files are the same

WMatch - Compare directories

File View Action Help

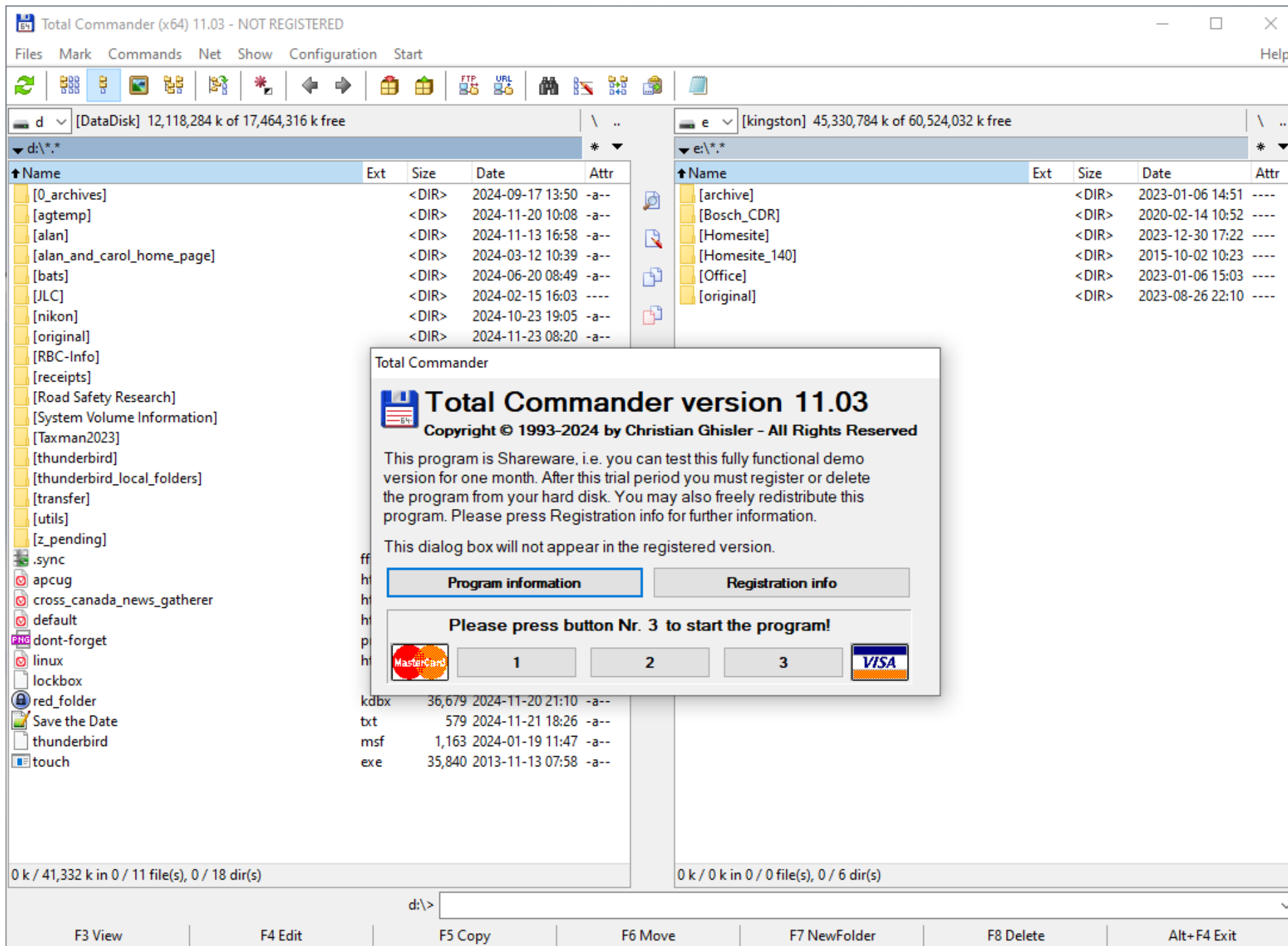
Source: E:\original\ Target: E:\original

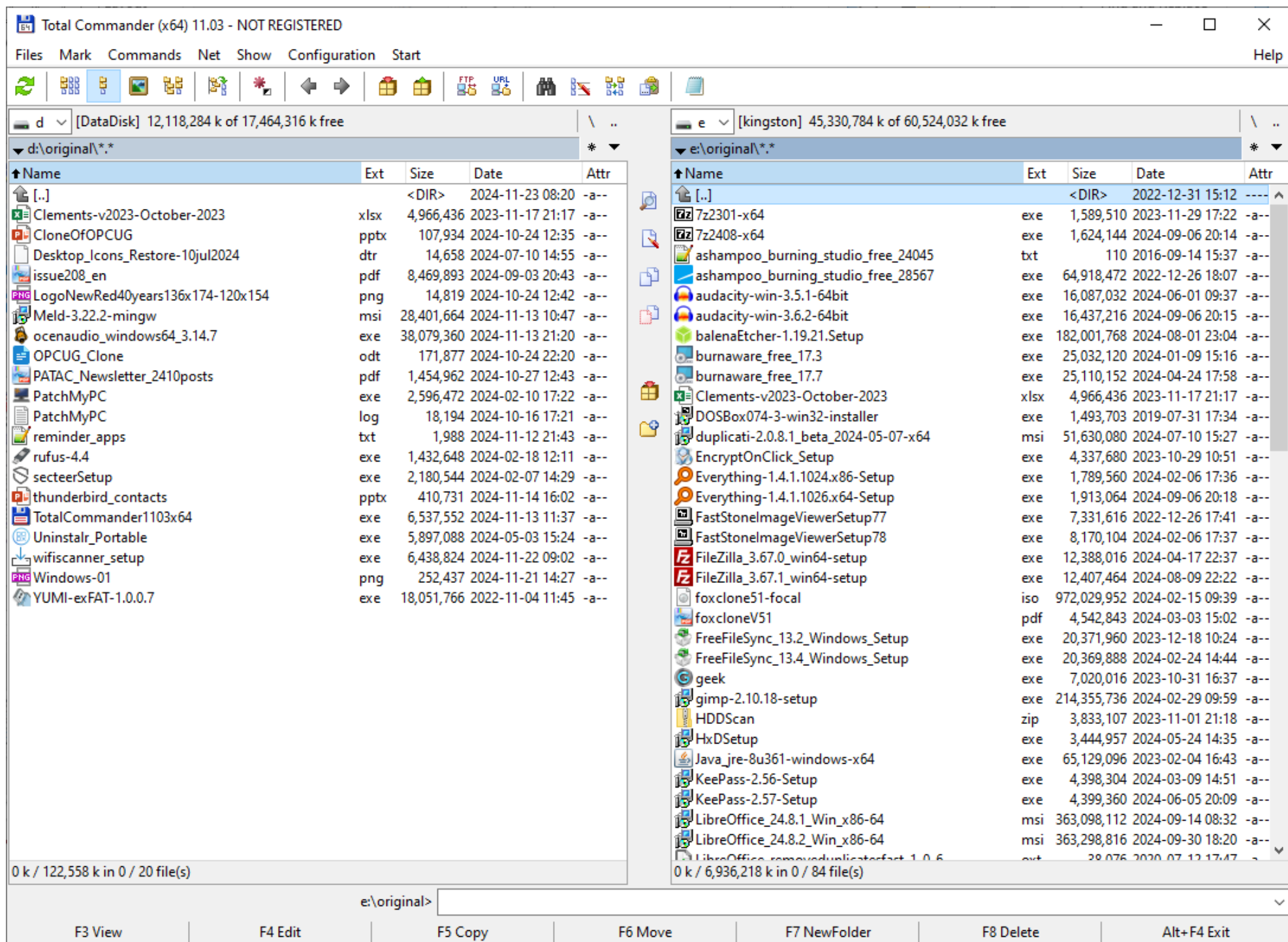
FileName	Size	Date		FileName	Size	Date
			→	TreeSizeFreeSetup473.exe	13,832,801	2024-09-06 7:40:46
			→	validrive.exe	96,640	2023-11-24 7:30:36
			→	VeraCrypt Setup 1.25.9.exe	22,165,321	2022-12-26 5:45:56
			→	veracrypt-1.15-setup.tar.bz2	16,906,741	2015-09-30 11:40:14
			→	Vivaldi_22138837.exe	54,936,131	2018-12-23 10:36:54
			→	vlc-3.0.20-win64.exe	44,420,341	2024-02-06 5:34:46
			→	vlc-3.0.21-win64.exe	44,943,291	2024-09-06 7:45:00
			→	wushowhide.diagcab	48,426	2024-04-21 12:29:52
			→	YUMI-UEFI-0.0.4.5.exe	6,085,084	2022-05-03 10:08:26
CloneOfOPCUG.pptx	107,934	2024-10-24 11:35:28	←			
Desktop_Icons_Restore-10jul2024.dtr	14,658	2024-07-10 1:55:34	←			
issue208_en.pdf	8,469,893	2024-09-03 7:43:58	←			
LogoNewRed40years136x174-120x154.png	14,819	2024-10-24 11:42:26	←			
Meld-3.22.2-mingw.msi	28,401,661	2024-11-13 10:47:20	←			
ocenaudio_windows64_3.14.7.exe	38,079,361	2024-11-13 9:20:08	←			
OPCUG_Clone.odt	171,877	2024-10-24 9:20:14	←			
PATAC_Newsletter_2410posts.pdf	1,454,962	2024-10-27 11:43:32	←			
PatchMyPC.log	18,194	2024-10-16 4:21:34	←			
reminder_apps.txt	1,988	2024-11-12 9:43:20	←			
secteerSetup.exe	2,180,544	2024-02-07 2:29:36	←			
thunderbird_contacts.pptx	410,731	2024-11-14 4:02:34	←			
TotalCommander1103x64.exe	6,537,552	2024-11-13 11:37:56	←			
wifiscanner_setup.exe	6,438,824	2024-11-22 9:02:12	←			
Windows-01.png	252,437	2024-11-21 2:27:46	←			

✓ Same sizes and times ✗ Different sizes ■ Exact match ⌚ Same sizes but different times

↑

Copy to the right





Total Commander (x64) 11.03 - NOT REGISTERED

FilesMarkCommandsNetShowConfigurationStart

Help

CD Tree...Alt+F10

Search...Alt+F7

Search in separate Process...Alt+Shift+F7

Volume Label...

System Information...

Synchronize Dirs...

Directory HotlistCtrl+D

Go BackAlt+Left Arrow

Open command prompt window

Branch View (With Subdirs)Ctrl+B

Open Desktop Folder

Background Transfer Manager...

Source<->TargetCtrl+U

Target=Source

d\original\

↑Name

...

Clements-

CloneOfO

Desktop_lo

issue208_e

LogoNewP

Meld-3.22.

ocenaudio

OPCUG_CI

PATAC_Ne

PatchMyP

PatchMyP

reminder_apps

rufus-4.4

secteerSetup

thunderbird_contacts

TotalCommander1103x64

Uninstalr_Portable

wifiscanner_setup

Windows-01

YUMI-exFAT-1.0.0.7

Attr

-11-23 08:20 -a--

-11-17 21:17 -a--

-10-24 12:35 -a--

-07-10 14:55 -a--

-09-03 20:43 -a--

-10-24 12:42 -a--

-11-13 10:47 -a--

-11-13 21:20 -a--

-10-24 22:20 -a--

-10-27 12:43 -a--

-02-10 17:22 -a--

-10-16 17:21 -a--

-11-12 21:43 -a--

exe1,432,648 2024-02-18 12:11 -a--

exe2,180,544 2024-02-07 14:29 -a--

pptx410,731 2024-11-14 16:02 -a--

exe6,537,552 2024-11-13 11:37 -a--

exe5,897,088 2024-05-03 15:24 -a--

exe6,438,824 2024-11-22 09:02 -a--

png252,437 2024-11-21 14:27 -a--

exe18,051,766 2022-11-04 11:45 -a--

e\original*.*

↑Name

Ext

Size

Date

Attr

...

<DIR>2022-12-31 15:12----

7z2301-x64exe1,589,510 2023-11-29 17:22-a--

7z2408-x64exe1,624,144 2024-09-06 20:14-a--

ashampoo_burning_studio_free_24045.txt110 2016-09-14 15:37-a--

ashampoo_burning_studio_free_28567.exe64,918,472 2022-12-26 18:07-a--

audacity-win-3.5.1-64bit.exe16,087,032 2024-06-01 09:37-a--

audacity-win-3.6.2-64bit.exe16,437,216 2024-09-06 20:15-a--

balenaEtcher-1.19.21.Setup.exe182,001,768 2024-08-01 23:04-a--

burnaware_free_17.3.exe25,032,120 2024-01-09 15:16-a--

burnaware_free_17.7.exe25,110,152 2024-04-24 17:58-a--

Clements-v2023-October-2023.xlsx4,966,436 2023-11-17 21:17-a--

DOSBox074-3-win32-installer.exe1,493,703 2019-07-31 17:34-a--

duplicati-2.0.8.1_beta_2024-05-07-x64.msi51,630,080 2024-07-10 15:27-a--

EncryptOnClick_Setup.exe4,337,680 2023-10-29 10:51-a--

Everything-1.4.1.1024.x86-Setup.exe1,789,560 2024-02-06 17:36-a--

Everything-1.4.1.1026.x64-Setup.exe1,913,064 2024-09-06 20:18-a--

FastStoneImageViewerSetup77.exe7,331,616 2022-12-26 17:41-a--

FastStoneImageViewerSetup78.exe8,170,104 2024-02-06 17:37-a--

FileZilla_3.67.0_win64-setup.exe12,388,016 2024-04-17 22:37-a--

FileZilla_3.67.1_win64-setup.exe12,407,464 2024-08-09 22:22-a--

foxclone51-focal.iso972,029,952 2024-02-15 09:39-a--

foxcloneV51.pdf4,542,843 2024-03-03 15:02-a--

FreeFileSync_13.2_Windows_Setup.exe20,371,960 2023-12-18 10:24-a--

FreeFileSync_13.4_Windows_Setup.exe20,369,888 2024-02-24 14:44-a--

geek.exe7,020,016 2023-10-31 16:37-a--

gimp-2.10.18-setup.exe214,355,736 2024-02-29 09:59-a--

HDDScan.zip3,833,107 2023-11-01 21:18-a--

HxDSetup.exe3,444,957 2024-05-24 14:35-a--

Java_jre-8u361-windows-x64.exe65,129,096 2023-02-04 16:43-a--

KeePass-2.56-Setup.exe4,398,304 2024-03-09 14:51-a--

KeePass-2.57-Setup.exe4,399,360 2024-06-05 20:09-a--

LibreOffice_24.8.1_Win_x86-64.msi363,098,112 2024-09-14 08:32-a--

LibreOffice_24.8.2_Win_x86-64.msi363,298,816 2024-09-30 18:20-a--

LibreOffice_removeduplicatefat_1.0.6.txt28,076 2020-07-12 17:47-a--

0 k / 122,558 k in 0 / 20 file(s)

e\original>

F3 View

F4 Edit

F5 Copy

F6 Move

F7 NewFolder

F8 Delete

Alt+F4 Exit

Total Commander (x64) 11.03 - NOT REGISTERED

Files Mark Commands Net Show Configuration Start Help

[DataDisk] 12,118,284 k of 17,464,316 k free [kingston] 45,330,784 k of 60,524,032 k free

d:\original*. * e:\original*. *

Synchronize directories

D:\original\ >> *.* 1x E:\original\ >>

Compare ☐ Asymmetric ☐ Subdirs ☐ by content ☐ ignore date

☐ Only selected (in main window) ☐ Empty directories

Show: ☒ duplicates ☐ singles

Synchronize... Close

Name	Size	Date	<=>	Date	Size	Name
CloneOfOPCUG.pptx	107,934	24-10-24 12:35:27	→			
Desktop_Icons_Restore-10jul2	14,658	24-07-10 14:55:33	→			
issue208_en.pdf	8,469,893	24-09-03 20:43:57	→			
LogoNewRed40years1	14,819	24-10-24 12:42:25	→			
Meld-3.22.2-mingw	28,401,664	24-11-13 10:47:18	→			
ocenaudio_window	38,079,360	24-11-13 21:20:07	→			
OPCUG_Clone.odt	171,877	24-10-24 22:20:13	→			
PATAC_Newsletter	1,454,962	24-10-27 12:43:31	→			
PatchMyPC.log	18,194	24-10-16 17:21:32	→			
reminder_apps.txt	1,988	24-11-12 21:43:18	→			
secteerSetup.exe	2,180,544	24-02-07 14:29:34	→			
thunderbird_contacts	410,731	24-11-14 16:02:33	→			
TotalCommander11	6,537,552	24-11-13 11:37:55	→			
wifiscanner_setup.e	6,438,824	24-11-22 09:02:10	→			
Windows-01.png	252,437	24-11-21 14:27:44	→			

Files found: 15/99 (Identical: 0/5, Different: 0, Unique left: 15, Unique right: 0/79)

0 k / 122,558 k in 0 / 20 file(s)

e:\original>

F3 View F4 Edit F5 Copy F6 Move F7 NewFolder F8 Delete Alt+F4 Exit

Total Commander (x64) 11.03 - NOT REGISTERED

Files Mark Commands Net Show Configuration Start Help

[DataDisk] 12,118,284 k of 17,464,316 k free [kingston] 45,330,784 k of 60,524,032 k free

d:\original*. * e:\original*. *

Name Ext Size Date Attr Name Ext Size Date Attr

[..] <DIR> 2024-11-23 08:20 -a-- [..] <DIR> 2022-12-31 15:12 ----

Synchronize directories

D:\original\ >> *.* 1x E:\original\ >>

Compare ☐ Asymmetric ☐ Subdirs ☐ Only selected (in main window) ☐ by content ☐ Empty directories ☐ ignore date

Show:  =    duplicates singles

Synchronize... Close

Name	Size	Date	<=>	Date	Size	Name
CloneOfOPCUG.pptx	107,934	24-10-24 12:35:27	→			
Desktop_Icons_Restor	14,658	24-07-10 14:55:33	→			
issue208_en.pdf	8,469,893	24-09-03 20:43:57	→			
LogoNewRed40years1	14,819	24-10-24 12:42:25	→			
Meld-3.22.2-mingw	28,401,664	24-11-13 10:47:18	→			
ocenaudio_window	38,079,360	24-11-13 21:20:07	→			
OPCUG_Clone.odt	171,877	24-10-24 22:20:13	→			
PATAC_Newsletter_	1,454,962	24-10-27 12:43:31	→			
PatchMyPC.log	18,194	24-10-16 17:21:32	→			
reminder_apps.txt	1,988	24-11-12 21:43:18	→			
secteerSetup.exe	2,180,544	24-02-07 14:29:34	→			
thunderbird_contacts	410,731	24-11-14 16:02:33	→			
TotalCommander11	6,537,552	24-11-13 11:37:55	→			
wifiscanner_setup.e	6,438,824	24-11-22 09:02:10	→			
Windows-01.png	252,437	24-11-21 14:27:44	→			

Files found: 15/99 (Identical: 0/5, Different: 0, Unique left: 15, Unique right: 0/79)

0 k / 122,558 k in 0 / 20 file(s)

e:\original>

F3 View F4 Edit F5 Copy F6 Move F7 NewFolder F8 Delete Alt+F4 Exit

Total Commander (x64) 11.03 - NOT REGISTERED

Files Mark Commands Net Show Configuration Start Help

d [DataDisk] 12,118,284 k of 17,464,316 k free e [kingston] 45,330,784 k of 60,524,032 k free

d:\original*. * e:\original*. *

Name	Ext	Size	Date	Attr
[..]	<DIR>		2024-11-23 08:20	-a--
Clements-v2023-October-202				
CloneOfOPCUG				
Desktop_Icons_Restore-10jul2				
issue208_en				
LogoNewRed40years136x174-				
Meld-3.22.2-mingw				
ocenaudio_windows64_3.14.7				
OPCUG_Clone				
PATAC_Newsletter_2410posts				
PatchMyPC				
PatchMyPC				
reminder_apps				
rufus-4.4				
secteerSetup				
thunderbird_contacts				
TotalCommander1103x64				
Uninstalr_Portable				
wifiscanner_setup				
Windows-01				
YUMI-exFAT-1.0.0.7				

Synchronize directories

D:\original\ >> *.* 1x E:\original\

Compare ☐ Asymmetric ☐ Subdirs ☐ by content ☐ ignore date

☐ Only selected (in main window) ☐ Empty directories

Show: ☒ duplicates ☐ singles

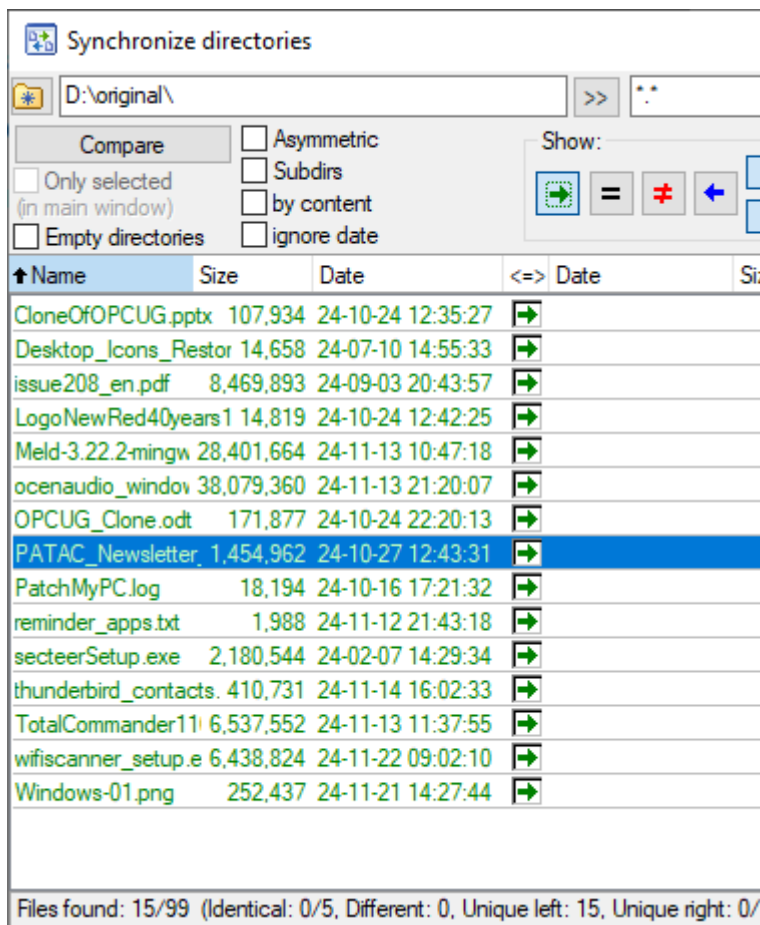
Name	Size	Date	<=>	Date	Size	Name
CloneOfOPCUG.pptx	107,934	24-10-24 12:35:27	→			
Desktop_Icons_Restor	14,658	24-07-10 14:55:33	→			
issue208_en.pdf	8,469,893	24-09-03 20:43:57	→			
LogoNewRed40years1	14,819	24-10-24 12:42:25	→			
Meld-3.22.2-mingw	28,401,664	24-11-13 10:47:18	→			
ocenaudio_window	38,079,360	24-11-13 21:20:07	→			
OPCUG_Clone.odt	171,877	24-10-24 22:20:13	→			
PATAC_Newsletter_	1,454,962	24-10-27 12:43:31	→			
PatchMyPC.log	18,194	24-10-16 17:21:32	→			
reminder_apps.txt	1,988	24-11-12 21:43:18	→			
secteerSetup.exe	2,180,544	24-02-07 14:29:34	→			
thunderbird_contacts	410,731	24-11-14 16:02:33	→			
TotalCommander11	6,537,552	24-11-13 11:37:55	→			
wifiscanner_setup.e	6,438,824	24-11-22 09:02:10	→			
Windows-01.png	252,437	24-11-21 14:27:44	→			

Files found: 15/99 (Identical: 0/5, Different: 0, Unique left: 15, Unique right: 0/79)

0 k / 122,558 k in 0 / 20 file(s)

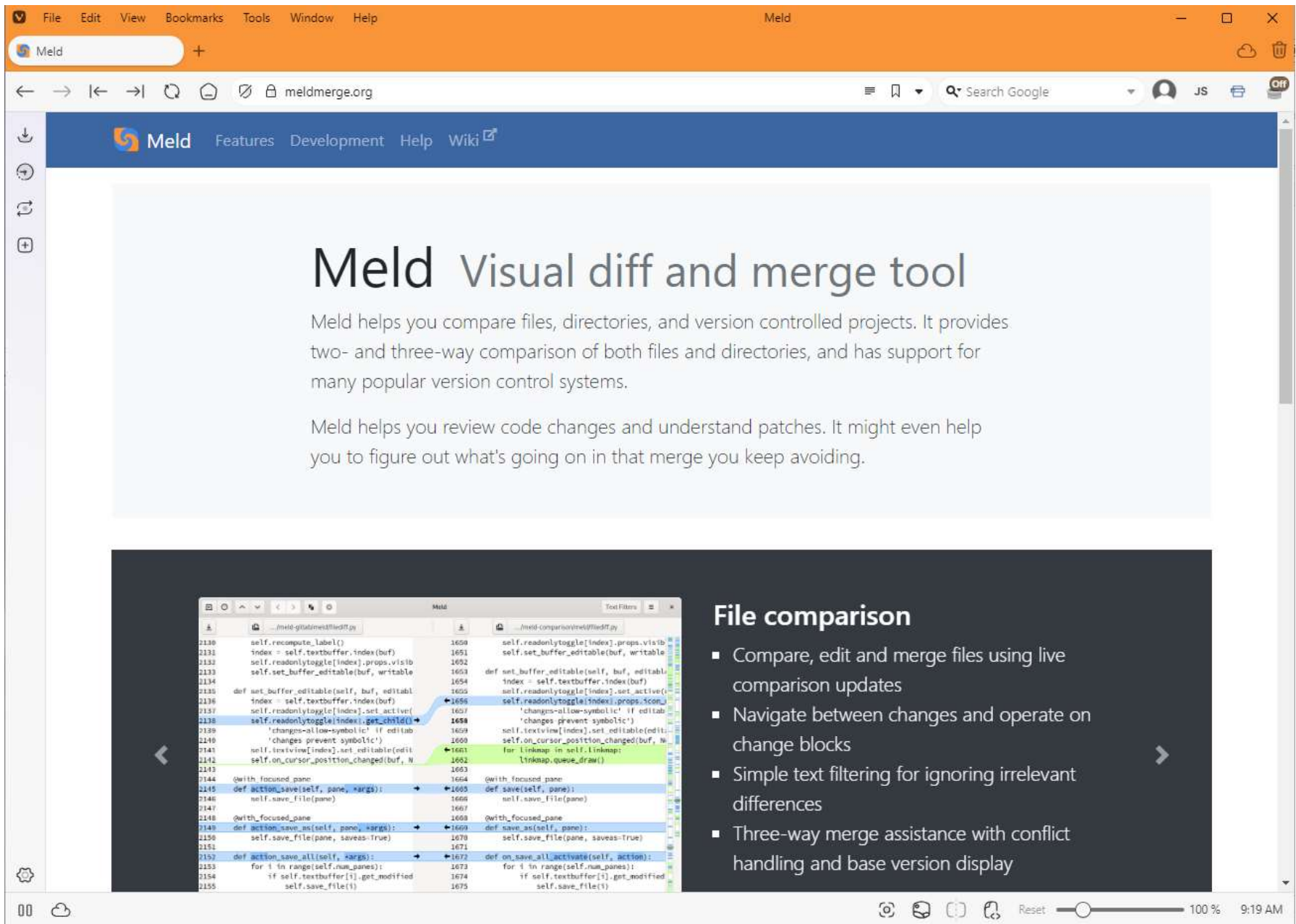
e:\original>

F3 View F4 Edit F5 Copy F6 Move F7 NewFolder F8 Delete Alt+F4 Exit



Right-click on file

Mark for copying (default direction)	Ctrl+D
Unmark for copying	Ctrl+M
Mark for copying -> (left to right)	Ctrl+L
Mark for copying <- (right to left)	Ctrl+R
Mark for copying in reverse direction	Ctrl+W
Copy file properties -> (left to right)...	Ctrl+Alt+L
Copy file properties <- (right to left)...	Ctrl+Alt+R
Print selected...	Ctrl+P
Compare left & right	Ctrl+F3
View left	F3
View right	Shift+F3
Edit left	F4
Edit right	Shift+F4
Rename left	F6
Rename right	Shift+F6
Left context menu	Alt+Down
Right context menu	Alt+Shift+Down
Left properties	Alt+Enter
Right properties	Alt+Shift+Enter
<- Delete left	
-> Delete right	
Delete on both sides	



The screenshot shows a web browser window with the Meld website. The browser's address bar shows 'meldmerge.org'. The website has a blue header with the Meld logo and navigation links: 'Features', 'Development', 'Help', and 'Wiki'. The main content area has a large heading 'Meld Visual diff and merge tool'. Below the heading, there are two paragraphs of text. The first paragraph describes Meld's capabilities in comparing files, directories, and version-controlled projects. The second paragraph mentions its ability to help review code changes and understand patches. Below the text is a video player. The video player has a dark background and shows a side-by-side comparison of two Python files. The left pane shows a file named 'meld-gitattributes@faded.py' and the right pane shows 'meld-comparisonview@faded.py'. Both panes display Python code with line numbers. The video player includes standard controls like play, pause, and a progress bar. To the right of the video player, there is a section titled 'File comparison' with a bulleted list of features.

Meld Visual diff and merge tool

Meld helps you compare files, directories, and version controlled projects. It provides two- and three-way comparison of both files and directories, and has support for many popular version control systems.

Meld helps you review code changes and understand patches. It might even help you to figure out what's going on in that merge you keep avoiding.

File comparison

- Compare, edit and merge files using live comparison updates
- Navigate between changes and operate on change blocks
- Simple text filtering for ignoring irrelevant differences
- Three-way merge assistance with conflict handling and base version display

<https://meldmerge.org>

Installing Meld



Meld is packaged for most Linux/Unix distributions, and is also available on [Flathub](#). For installing from source, see the [instructions](#).



Windows users should download the MSI. Meld does not yet support automatic updates or portable installs.



Meld is not yet supported on OS X. Third-party binaries are available, and you can install from [Homebrew](#), [MacPorts](#) or [Fink](#).

Requirements

- Python 3.4
- PyGObject 3.20
- GTK+ 3.20
- GtkSourceView 3.20
- GLib 2.36
- pycairo

See the current [README file](#) for development and build requirements.

Meld 3.22.2 — stable

24 March 2024

The most recent stable release is the best option for most users. We keep changes to these releases to a minimum. See the [release notes](#) for details.

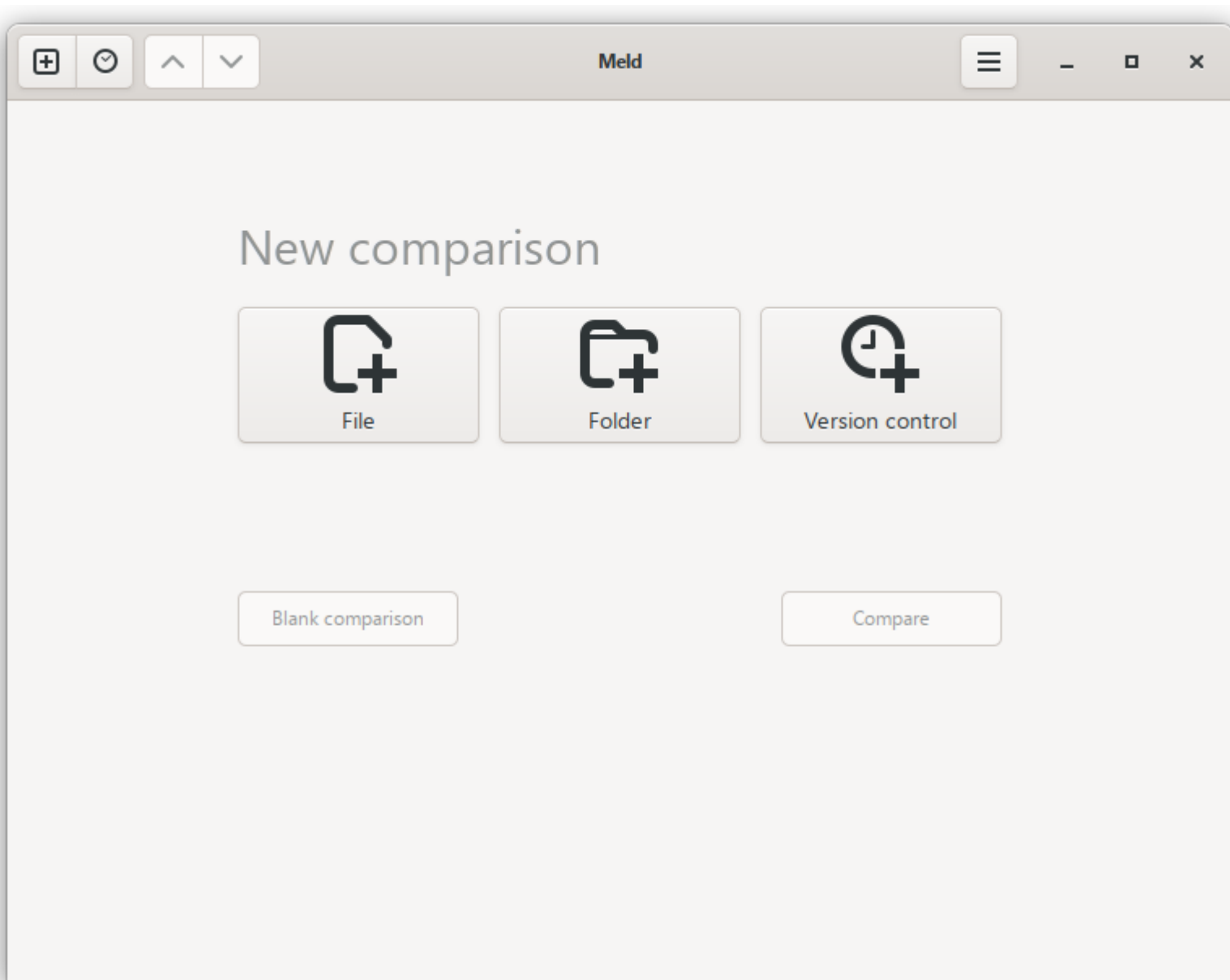


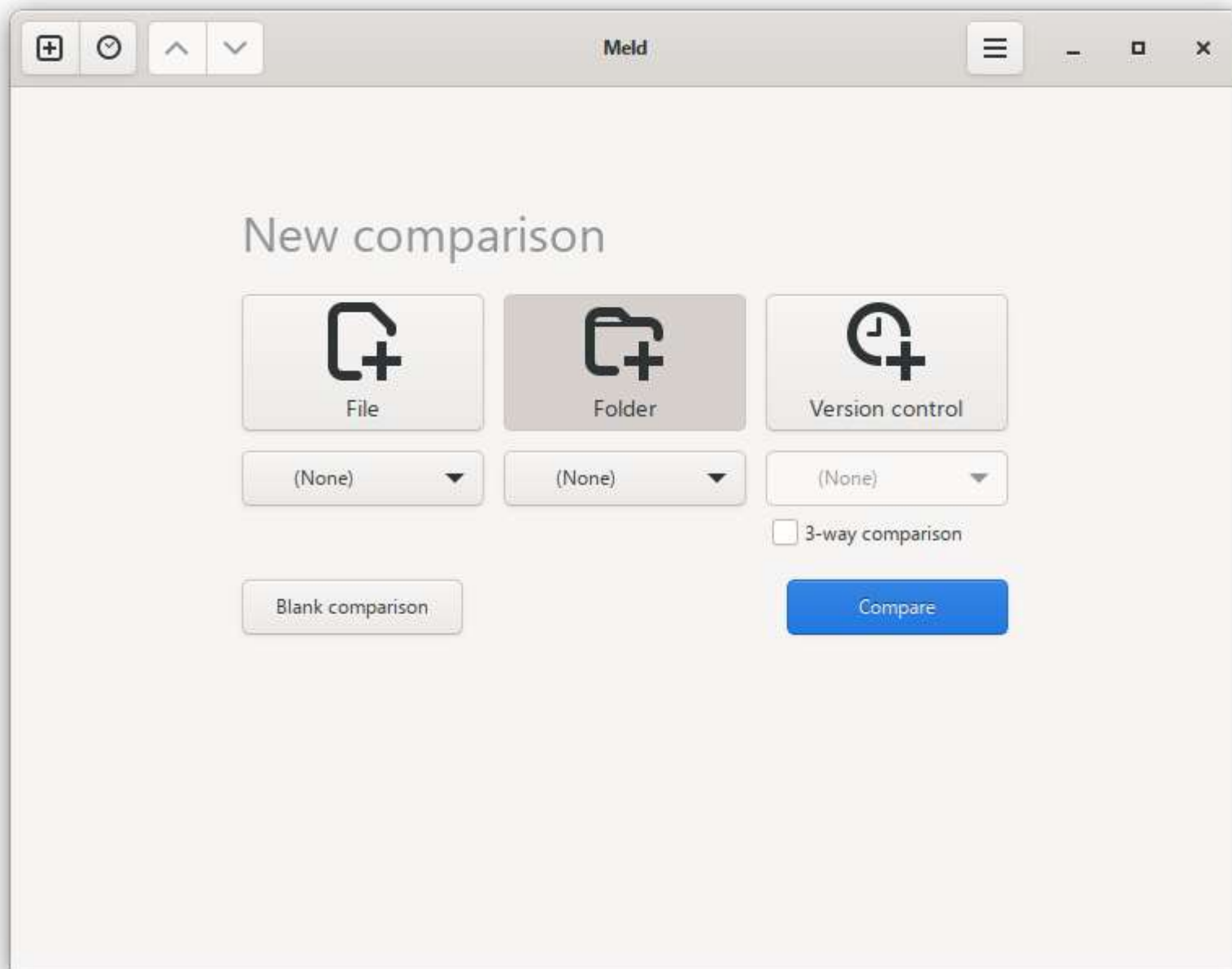
Source (.tar.xz)

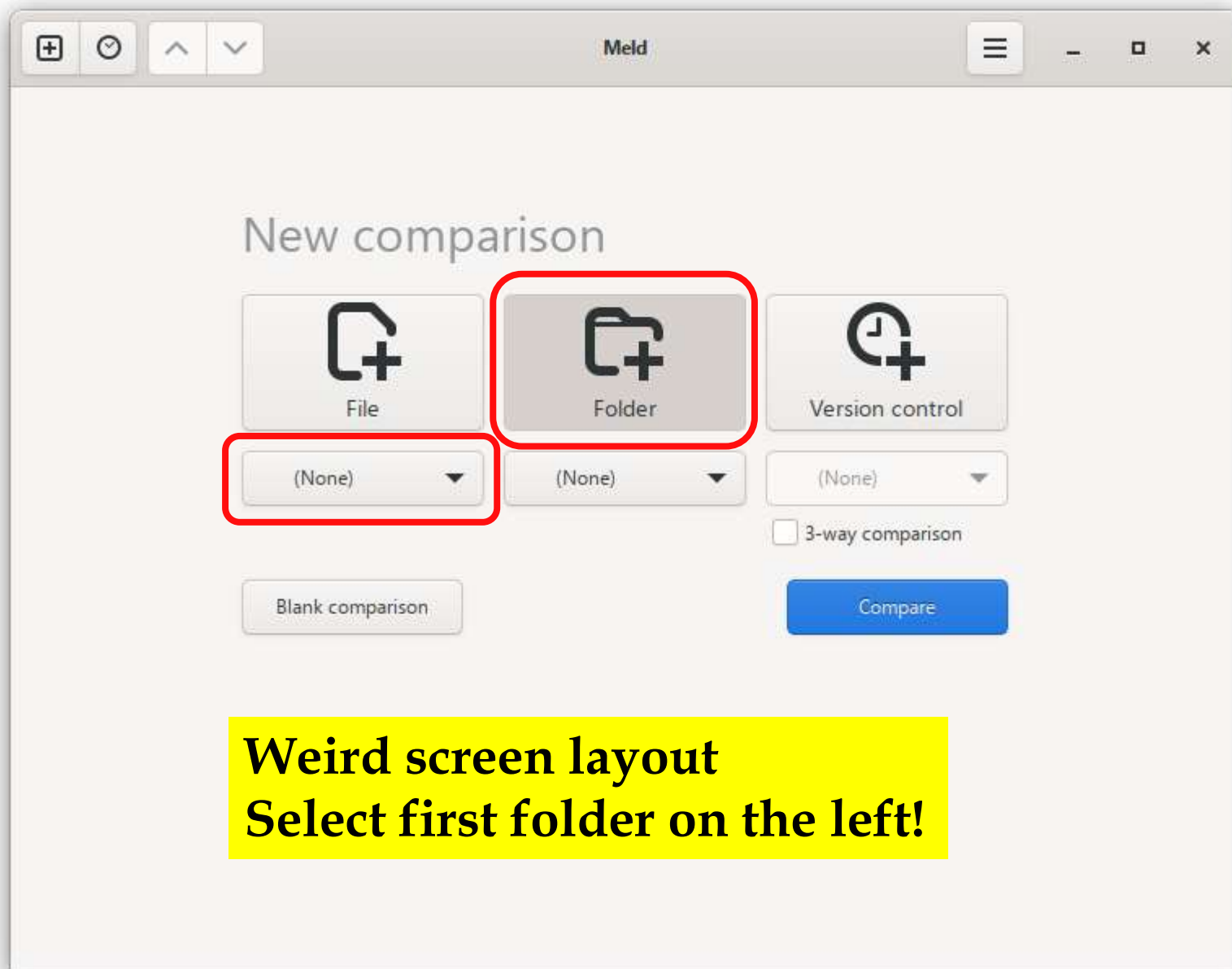


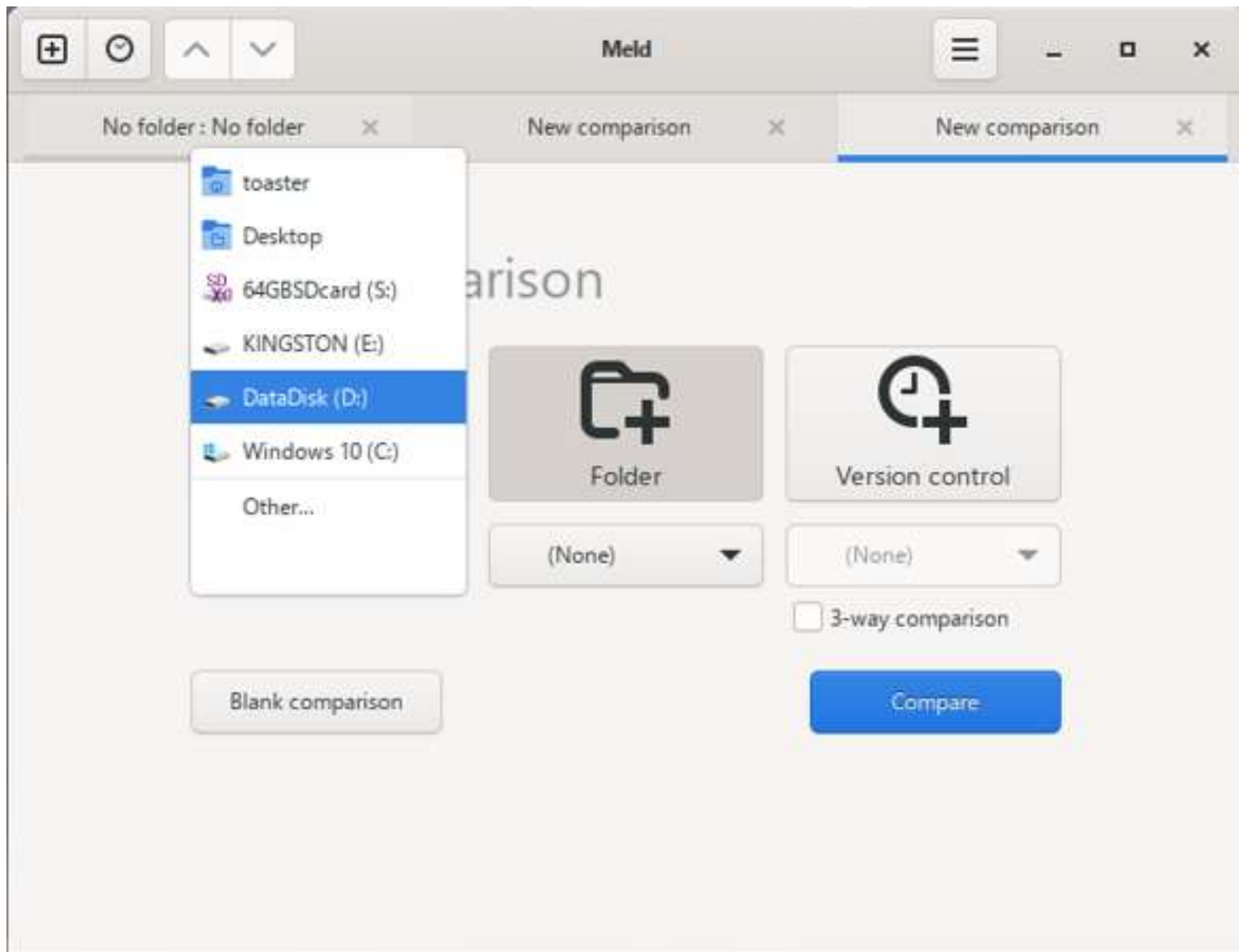
Windows (.msi)

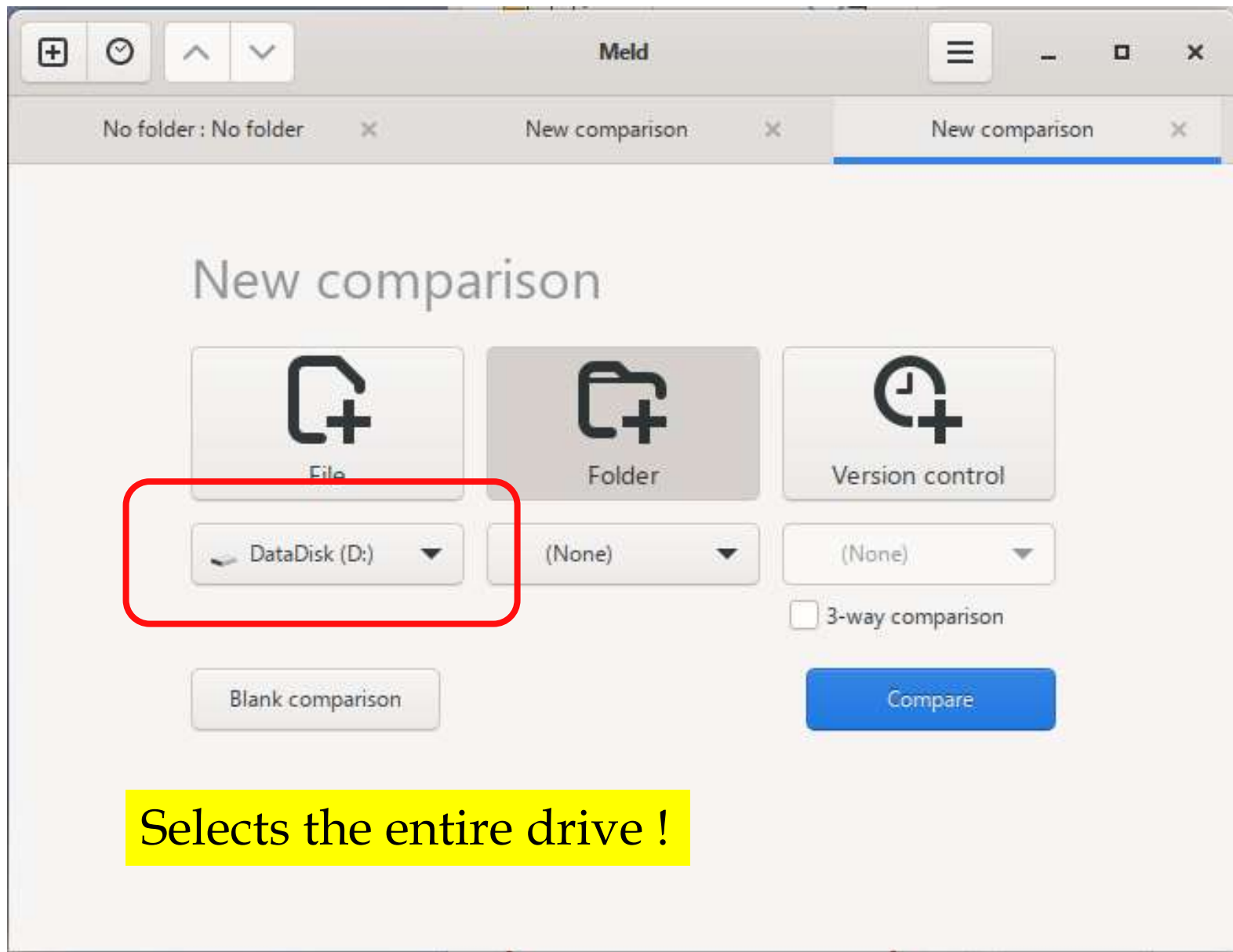
See the [full release list](#) for details of previous versions, or you can download old [source archives](#) or [Windows installers](#).

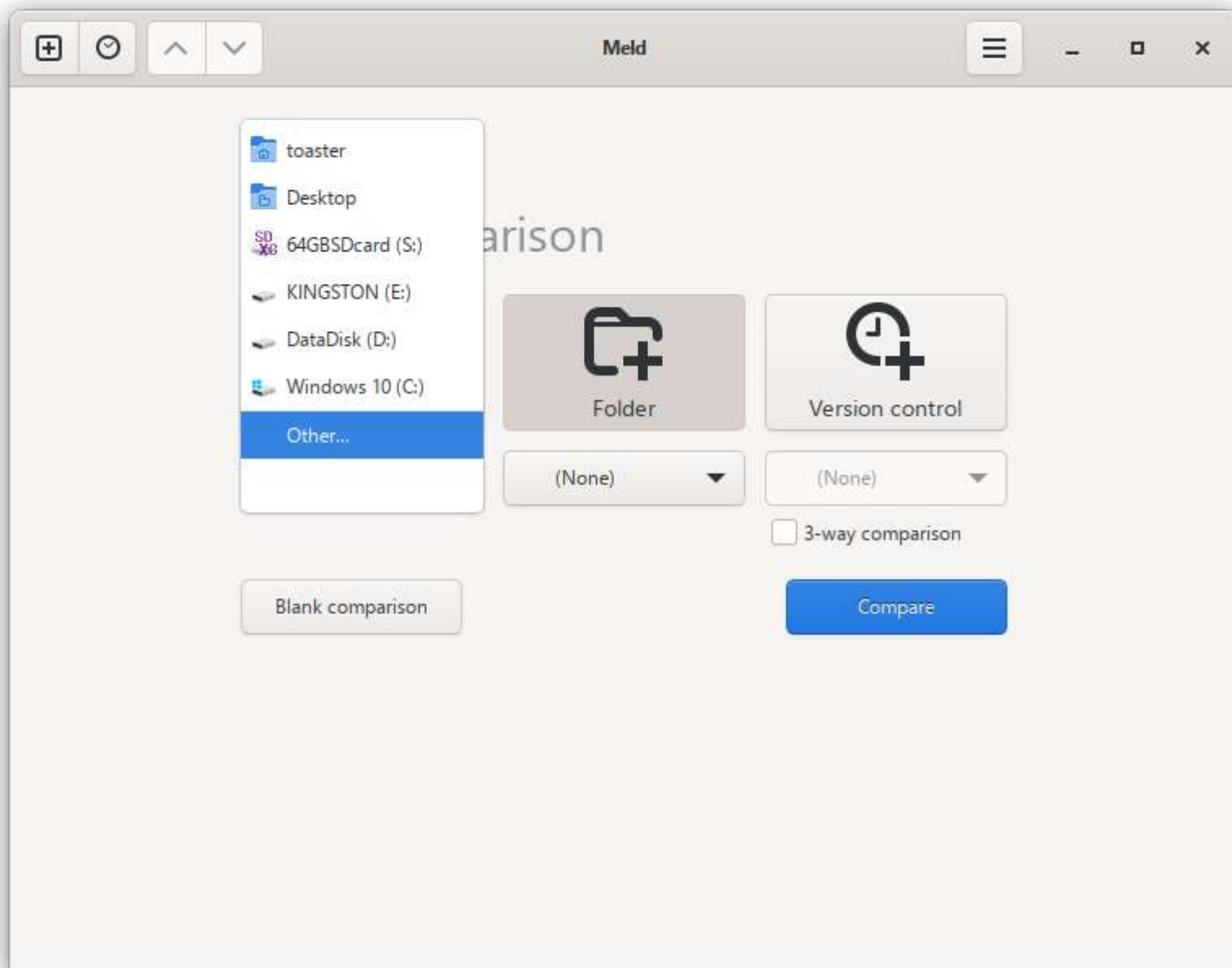


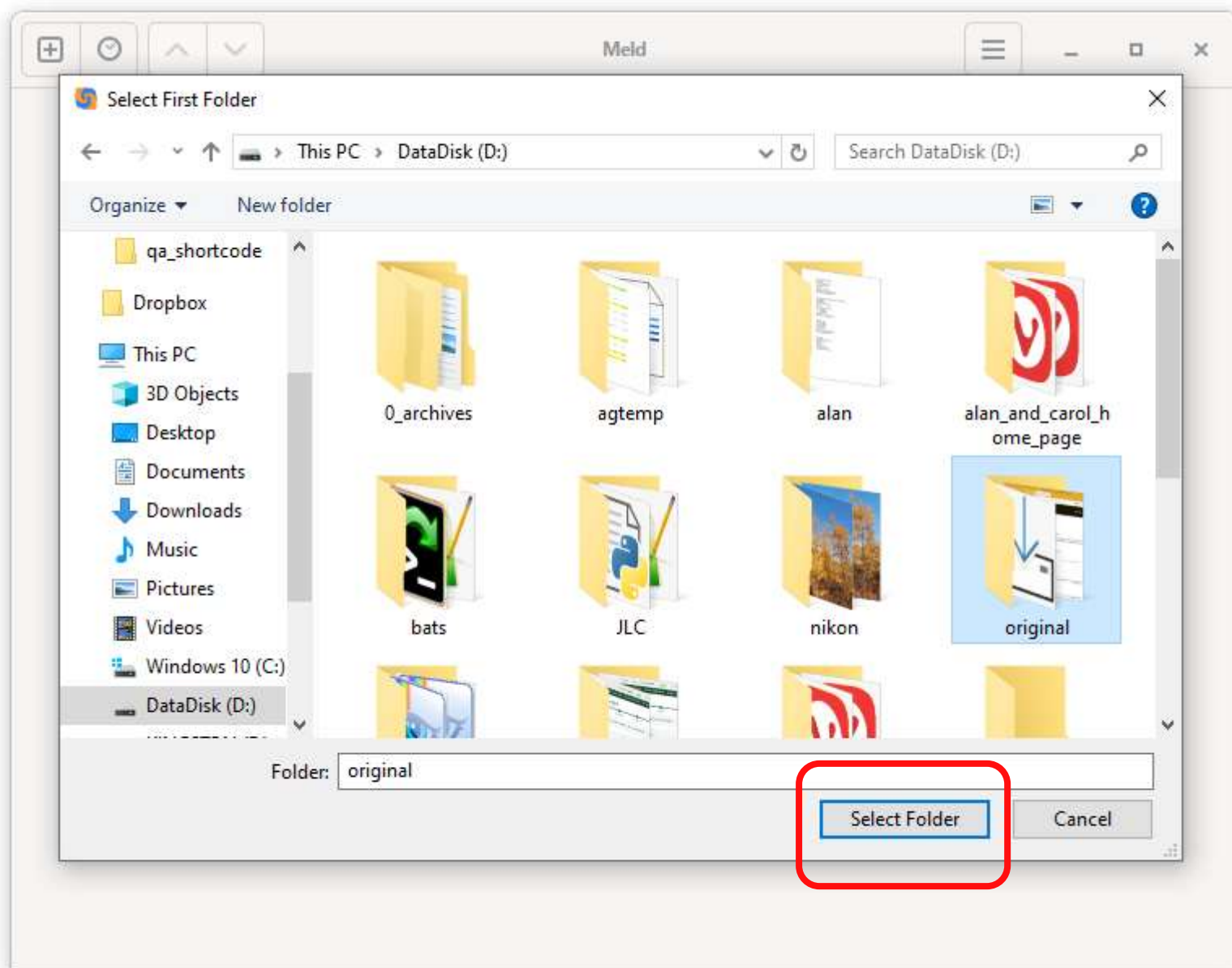


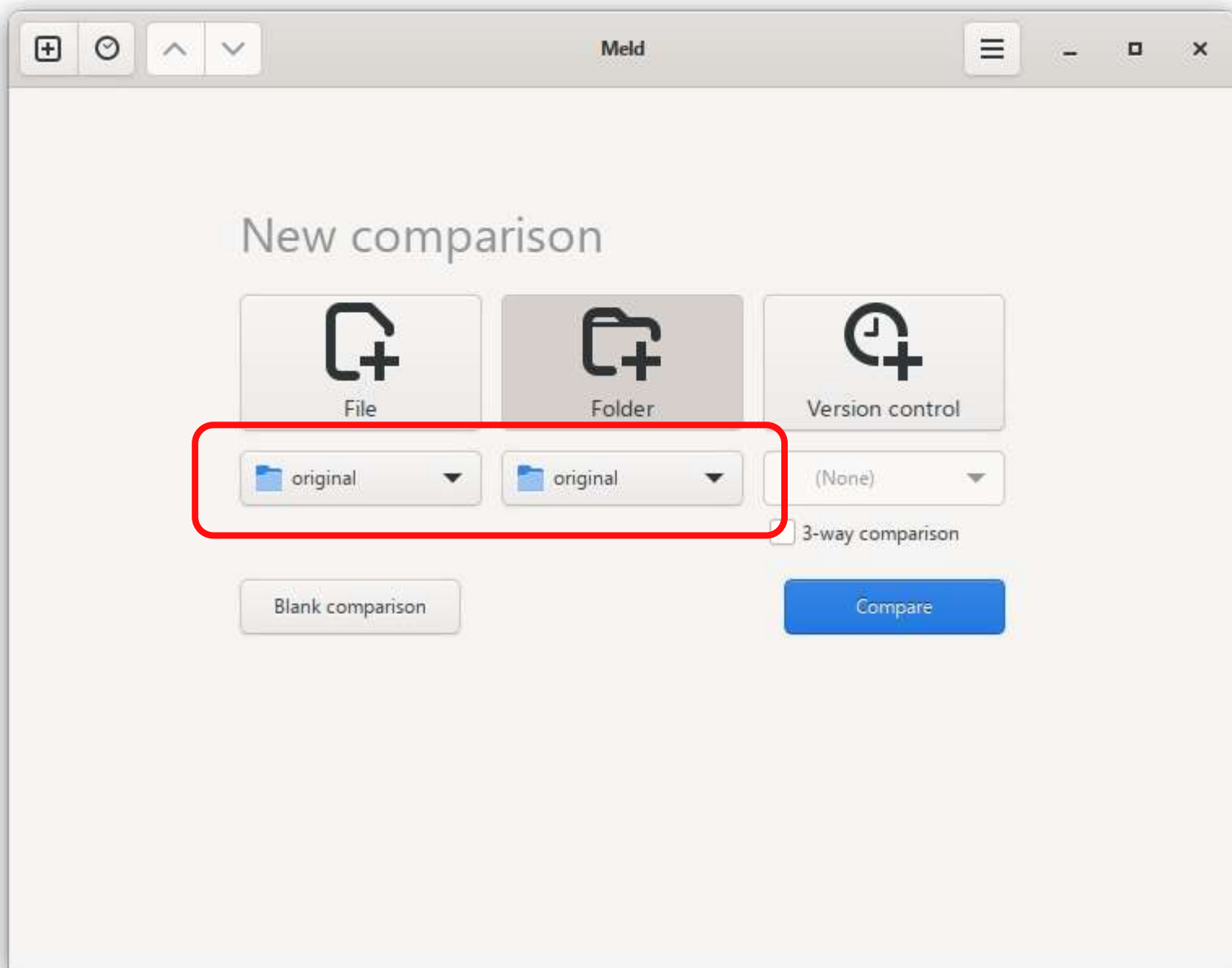












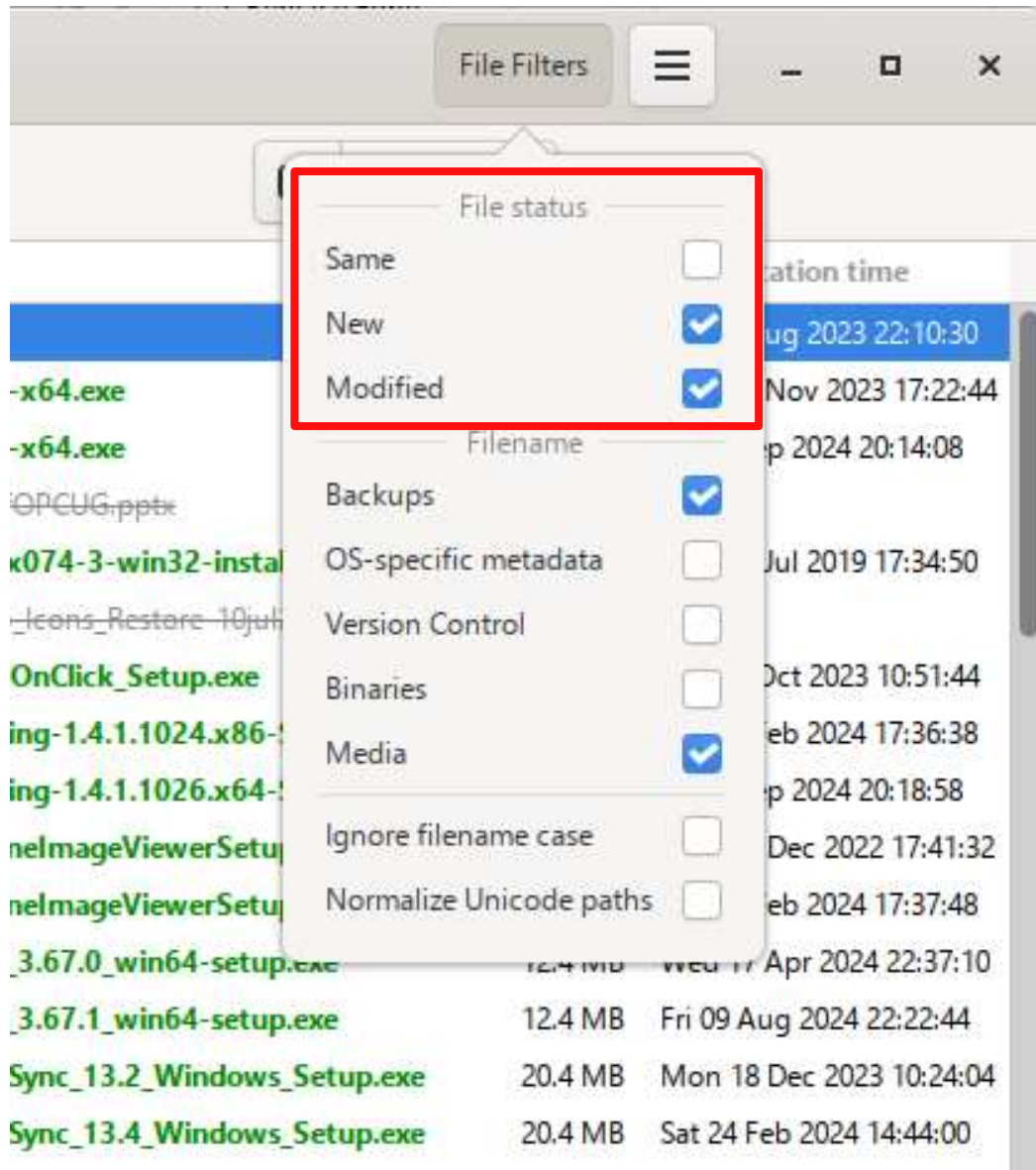
Meld

New comparison x New comparison x D:\original : E:\original x

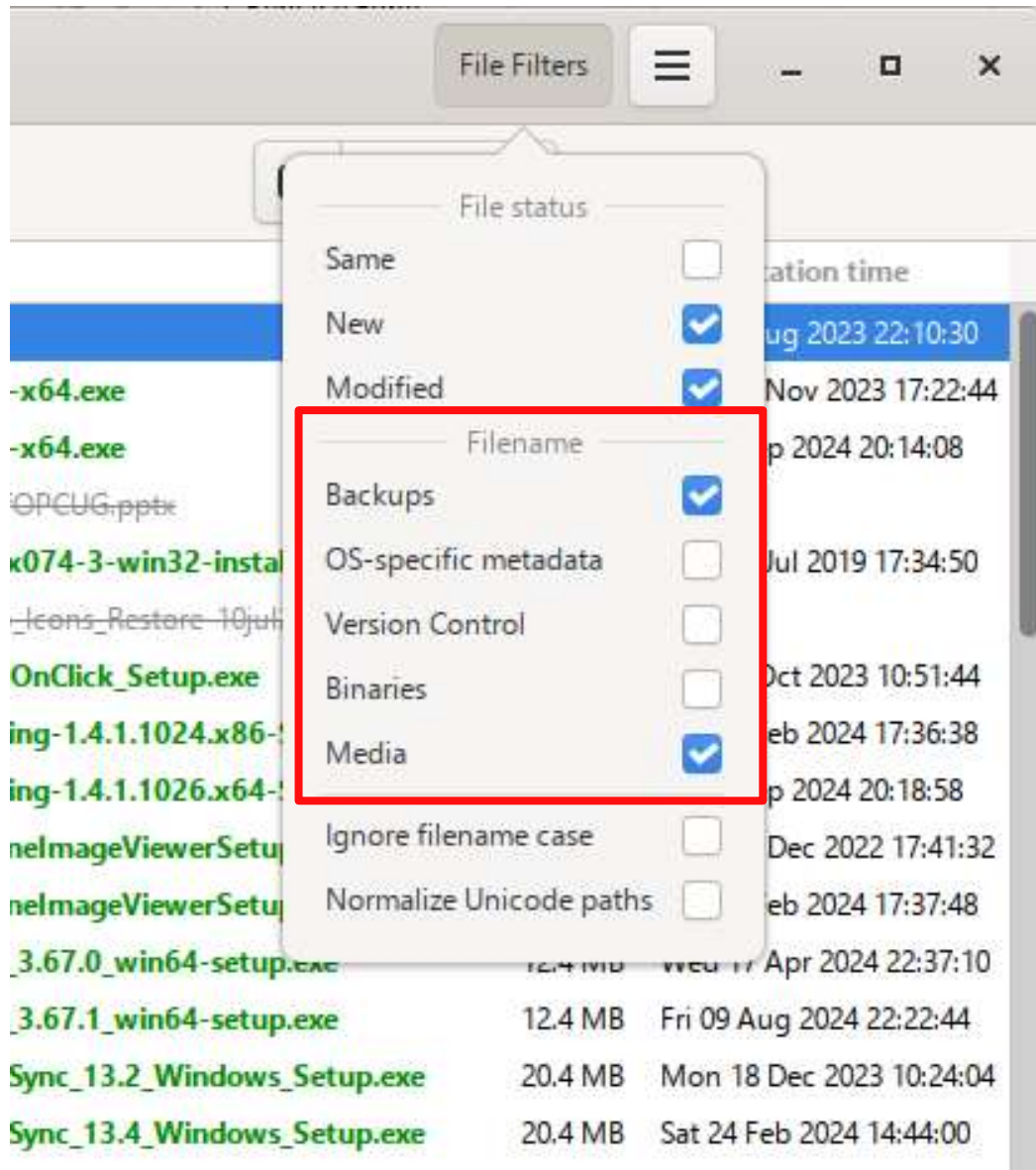
D:\original E:\original

Name	Size	Modification time
original	16.4 kB	Sat 23 Nov 2024 09:15:15
7z2301-x64.exe		
7z2408-x64.exe		
CloneOfOPCUG.pptx	107.9 kB	Thu 24 Oct 2024 12:35:27
DOSBox074-3-win32-installer.exe		
Desktop_Icons_Restore-10jul2024.dtr	14.7 kB	Wed 10 Jul 2024 14:55:33
EncryptOnClick_Setup.exe		
Everything-1.4.1.1024-x86-Setup.exe		
Everything-1.4.1.1026-x64-Setup.exe		
FastStoneImageViewerSetup77.exe		
FastStoneImageViewerSetup78.exe		
FileZilla_3.67.0-win64-setup.exe		
FileZilla_3.67.1-win64-setup.exe		
FreeFileSync_13.2_Windows_Setup.exe		
FreeFileSync_13.4_Windows_Setup.exe		
HDDScan.zip		
HxDSetup.exe		
Java_jre-8u361-windows-x64.exe		
KeePass-2.56-Setup.exe		
KeePass-2.57-Setup.exe		
LibreOffice-removeduplicatesfast-1-0-6.oxt		
LibreOffice_24.8.1_Win_x86-64.msi		
LibreOffice_24.8.2_Win_x86-64.msi		
LogiCameraSettings_2.12.8.exe		
Meld-3.22.2-mingw.msi	28.4 MB	Wed 13 Nov 2024 10:47:18
NotepadPlus8.4.8.Installer.x64.exe		
NotepadPlus_ComparePlugin_v200_X64.zip		

Name	Size	Modification time
original	0 B	Sat 26 Aug 2023 22:10:30
7z2301-x64.exe	1.6 MB	Wed 29 Nov 2023 17:22:44
7z2408-x64.exe	1.6 MB	Fri 06 Sep 2024 20:14:08
CloneOfOPCUG.pptx		
DOSBox074-3-win32-installer.exe	1.5 MB	Wed 31 Jul 2019 17:34:50
Desktop_Icons_Restore-10jul2024.dtr		
EncryptOnClick_Setup.exe	4.3 MB	Sun 29 Oct 2023 10:51:44
Everything-1.4.1.1024.x86-Setup.exe	1.8 MB	Tue 06 Feb 2024 17:36:38
Everything-1.4.1.1026.x64-Setup.exe	1.9 MB	Fri 06 Sep 2024 20:18:58
FastStoneImageViewerSetup77.exe	7.3 MB	Mon 26 Dec 2022 17:41:32
FastStoneImageViewerSetup78.exe	8.2 MB	Tue 06 Feb 2024 17:37:48
FileZilla_3.67.0-win64-setup.exe	12.4 MB	Wed 17 Apr 2024 22:37:10
FileZilla_3.67.1-win64-setup.exe	12.4 MB	Fri 09 Aug 2024 22:22:44
FreeFileSync_13.2_Windows_Setup.exe	20.4 MB	Mon 18 Dec 2023 10:24:04
FreeFileSync_13.4_Windows_Setup.exe	20.4 MB	Sat 24 Feb 2024 14:44:00
HDDScan.zip	3.8 MB	Wed 01 Nov 2023 21:18:24
HxDSetup.exe	3.4 MB	Fri 24 May 2024 14:35:28
Java_jre-8u361-windows-x64.exe	65.1 MB	Sat 04 Feb 2023 16:43:32
KeePass-2.56-Setup.exe	4.4 MB	Sat 09 Mar 2024 14:51:34
KeePass-2.57-Setup.exe	4.4 MB	Wed 05 Jun 2024 20:09:18
LibreOffice-removeduplicatesfast-1-0-6.oxt	38.1 kB	Sun 12 Jul 2020 17:47:32
LibreOffice_24.8.1_Win_x86-64.msi	363.1 MB	Sat 14 Sep 2024 08:32:50
LibreOffice_24.8.2_Win_x86-64.msi	363.3 MB	Mon 30 Sep 2024 18:20:56
LogiCameraSettings_2.12.8.exe	80.3 MB	Sat 23 Mar 2024 18:02:26
Meld-3.22.2-mingw.msi		
NotepadPlus8.4.8.Installer.x64.exe	4.7 MB	Mon 26 Dec 2022 17:42:44
NotepadPlus_ComparePlugin_v200_X64.zip	1.4 MB	Sun 17 Sep 2017 18:06:36



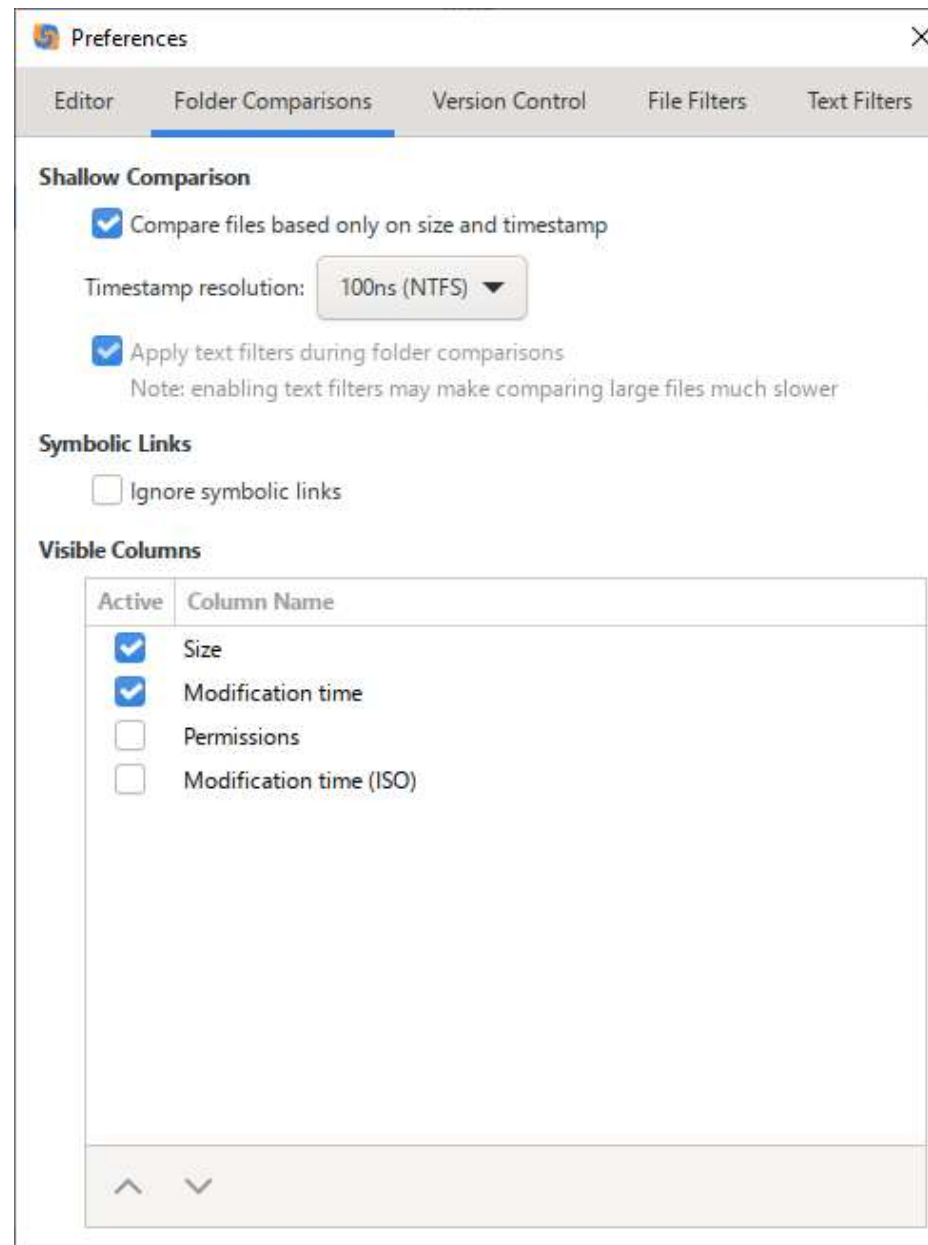
Select file types
e.g. Modified
(different)

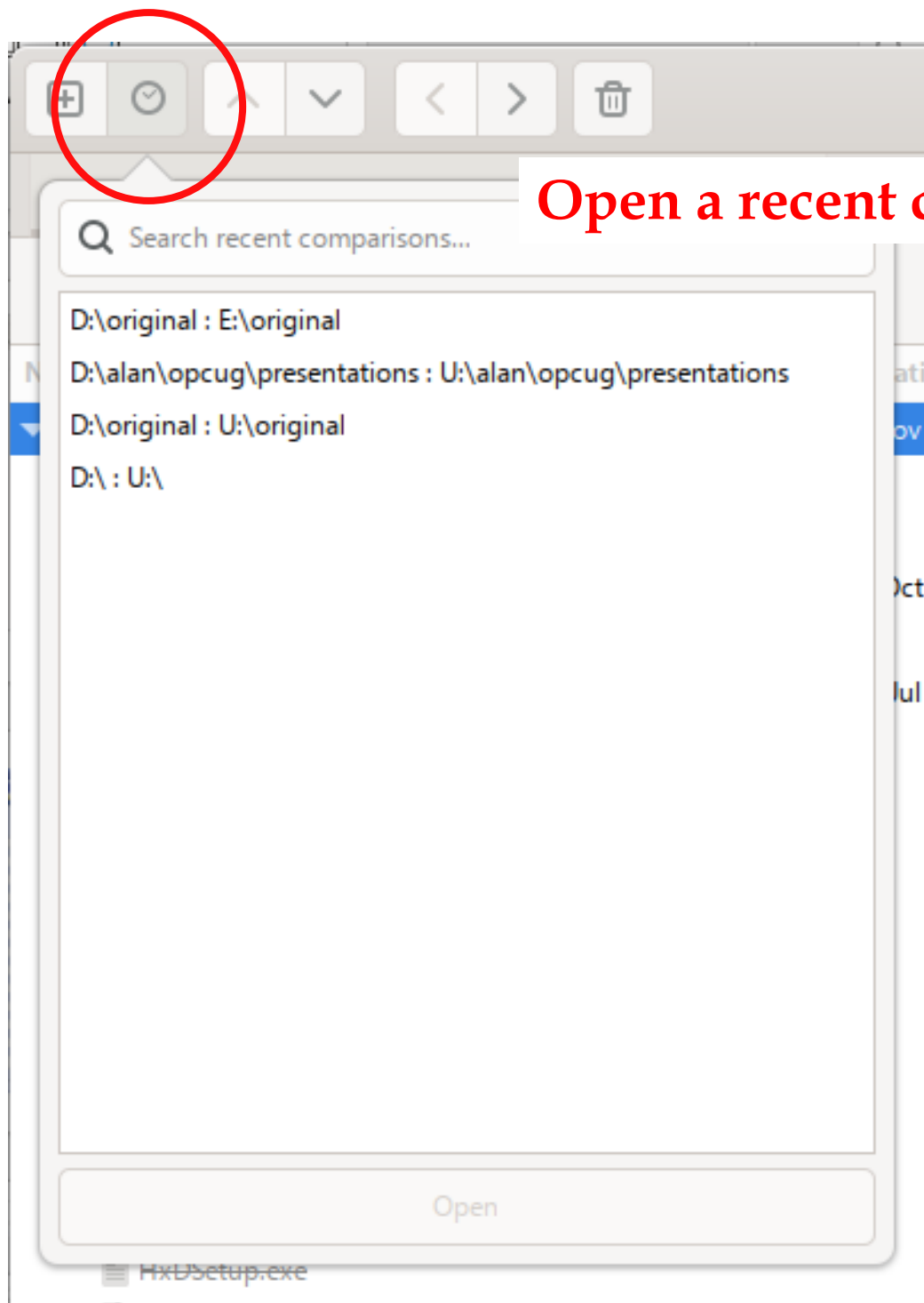


Exclude file types
e.g. No JPG, PNG*

* *Uncheck Media* to
display image files

Menu > Preferences





Open a recent comparison

Meld

File Filters

New comparison x New comparison x D:\original : E:\original x

D:\original E:\original

Name	Size	Modification time
original	16.4 kB	Sat 23 Nov 2024 09:15:15
7z2301-x64.exe		
7z2408-x64.exe		
CloneOfOPCUG.pptx	107.9 kB	Thu 24 Oct 2024 12:35:27
DOSBox074-3-win32-installer.exe		
Desktop_Icons_Restore-10jul2024.dtr	14.7 kB	Wed 10 Jul 2024 14:55:33
EncryptOnClick_Setup.exe		
Everything-1.4.1.1024-x86-Setup.exe		
Everything-1.4.1.1026-x64-Setup.exe		
FastStoneImageViewerSetup77.exe		
FastStoneImageViewerSetup78.exe		
FileZilla_3.67.0_win64-setup.exe		
FileZilla_3.67.1_win64-setup.exe		
FreeFileSync_13.2_Windows_Setup.exe		
FreeFileSync_13.4_Windows_Setup.exe		
HDDScan.zip		
HxDSetup.exe		
Java_jre-8u361-windows-x64.exe		
KeePass-2.56-Setup.exe		
KeePass-2.57-Setup.exe		
LibreOffice-removeduplicatesfast-1-0-6.oxl		
LibreOffice_24.8.1_Win_x86-64.msi		
LibreOffice_24.8.2_Win_x86-64.msi		
LogiCameraSettings_2.12.8.exe		
Meld-3.22.2-mingw.msi	28.4 MB	Wed 13 Nov 2024 10:47:18
NotepadPlus8.4.8.Installer.x64.exe		
NotepadPlus_ComparePlugin_v200_X64.zip		

Name	Size	Modification time
original	0 B	Sat 26 Aug 2023 22:10:30
7z2301-x64.exe	1.6 MB	Wed 29 Nov 2023 17:22:44
7z2408-x64.exe	1.6 MB	Fri 06 Sep 2024 20:14:08
CloneOfOPCUG.pptx		
DOSBox074-3-win32-installer.exe	1.5 MB	Wed 31 Jul 2019 17:34:50
Desktop_Icons_Restore-10jul2024.dtr		
EncryptOnClick_Setup.exe	4.3 MB	Sun 29 Oct 2023 10:51:44
Everything-1.4.1.1024.x86-Setup.exe	1.8 MB	Tue 06 Feb 2024 17:36:38
Everything-1.4.1.1026.x64-Setup.exe	1.9 MB	Fri 06 Sep 2024 20:18:58
FastStoneImageViewerSetup77.exe	7.3 MB	Mon 26 Dec 2022 17:41:32
FastStoneImageViewerSetup78.exe	8.2 MB	Tue 06 Feb 2024 17:37:48
FileZilla_3.67.0_win64-setup.exe	12.4 MB	Wed 17 Apr 2024 22:37:10
FileZilla_3.67.1_win64-setup.exe	12.4 MB	Fri 09 Aug 2024 22:22:44
FreeFileSync_13.2_Windows_Setup.exe	20.4 MB	Mon 18 Dec 2023 10:24:04
FreeFileSync_13.4_Windows_Setup.exe	20.4 MB	Sat 24 Feb 2024 14:44:00
HDDScan.zip	3.8 MB	Wed 01 Nov 2023 21:18:24
HxDSetup.exe	3.4 MB	Fri 24 May 2024 14:35:28
Java_jre-8u361-windows-x64.exe	65.1 MB	Sat 04 Feb 2023 16:43:32
KeePass-2.56-Setup.exe	4.4 MB	Sat 09 Mar 2024 14:51:34
KeePass-2.57-Setup.exe	4.4 MB	Wed 05 Jun 2024 20:09:18
LibreOffice-removeduplicatesfast-1-0-6.oxl	38.1 kB	Sun 12 Jul 2020 17:47:32
LibreOffice_24.8.1_Win_x86-64.msi	363.1 MB	Sat 14 Sep 2024 08:32:50
LibreOffice_24.8.2_Win_x86-64.msi	363.3 MB	Mon 30 Sep 2024 18:20:56
LogiCameraSettings_2.12.8.exe	80.3 MB	Sat 23 Mar 2024 18:02:26
Meld-3.22.2-mingw.msi		
NotepadPlus8.4.8.Installer.x64.exe	4.7 MB	Mon 26 Dec 2022 17:42:44
NotepadPlus_ComparePlugin_v200_X64.zip	1.4 MB	Sun 17 Sep 2017 18:06:36

Name	Size	Modification time
▼ original	16.4 kB	Sat 23 Nov 2024 09:15:15
7z2301-x64.exe		
7z2408-x64.exe		
CloneOfOPCUG.pptx	107.9 kB	Thu 24 Oct 2024 12:35:27
DOSBox074-3-win32-installer.exe		
Desktop_Icons_Restore-10jul2024.dtr	14.7 kB	Wed 10 Jul 2024 14:55:33
EncryptOnClick_Setup.exe		
Everything-1.4.1.1024-x86-Setup.exe		

New file on source

File already present on target

Goto next change

Copy right

Delete

The image shows the Meld application window with two panels displaying file lists. The left panel shows the file list for 'D:\original' and the right panel shows the file list for 'E:\original'. Both panels have columns for Name, Size, and Modification time. The file 'CloneOfOPCUG.pptx' is highlighted in the left panel. The toolbar at the top contains icons for file operations, with red arrows pointing to the right arrow (Goto next change), the copy icon (Copy right), and the trash icon (Delete).

Name	Size	Modification time
original	16.4 kB	Sat 23 Nov 2024 09:15:15
7z2301-x64.exe		
7z2408-x64.exe		
CloneOfOPCUG.pptx	107.9 kB	Thu 24 Oct 2024 12:35:27
DOSBox074-3-win32-installer.exe		
Desktop_Icons_Restore-10jul2024.dtr	14.7 kB	Wed 10 Jul 2024 14:55:33
EncryptOnClick_Setup.exe		
Everything-1.4.1.1024-x86-Setup.exe		
Everything-1.4.1.1026-x64-Setup.exe		
FastStoneImageViewerSetup77.exe		
FastStoneImageViewerSetup78.exe		
FileZilla_3.67.0-win64-setup.exe		
FileZilla_3.67.1-win64-setup.exe		
FreeFileSync_13.2-Windows_Setup.exe		
FreeFileSync_13.4-Windows_Setup.exe		
HDDScan.zip		
HxDSetup.exe		
Java_jre-8u361-windows-x64.exe		
KeePass-2.56-Setup.exe		
KeePass-2.57-Setup.exe		
LibreOffice-removeduplicatesfast-1-0-6.oxt		
LibreOffice_24.8.1_Win_x86-64.msi		
LibreOffice_24.8.2-Win-x86-64.msi		

Name	Size	Modification time
original	0 B	Sat 26 Aug 2023 22:10:30
7z2301-x64.exe	1.6 MB	Wed 29 Nov 2023 17:22:44
7z2408-x64.exe	1.6 MB	Fri 06 Sep 2024 20:14:08
CloneOfOPCUG.pptx		
DOSBox074-3-win32-installer.exe	1.5 MB	Wed 31 Jul 2019 17:34:50
Desktop_Icons_Restore-10jul2024.dtr		
EncryptOnClick_Setup.exe	4.3 MB	Sun 29 Oct 2023 10:51:44
Everything-1.4.1.1024-x86-Setup.exe	1.8 MB	Tue 06 Feb 2024 17:36:38
Everything-1.4.1.1026-x64-Setup.exe	1.9 MB	Fri 06 Sep 2024 20:18:58
FastStoneImageViewerSetup77.exe	7.3 MB	Mon 26 Dec 2022 17:41:32
FastStoneImageViewerSetup78.exe	8.2 MB	Tue 06 Feb 2024 17:37:48
FileZilla_3.67.0-win64-setup.exe	12.4 MB	Wed 17 Apr 2024 22:37:10
FileZilla_3.67.1-win64-setup.exe	12.4 MB	Fri 09 Aug 2024 22:22:44
FreeFileSync_13.2-Windows_Setup.exe	20.4 MB	Mon 18 Dec 2023 10:24:04
FreeFileSync_13.4-Windows_Setup.exe	20.4 MB	Sat 24 Feb 2024 14:44:00
HDDScan.zip	3.8 MB	Wed 01 Nov 2023 21:18:24
HxDSetup.exe	3.4 MB	Fri 24 May 2024 14:35:28
Java_jre-8u361-windows-x64.exe	65.1 MB	Sat 04 Feb 2023 16:43:32
KeePass-2.56-Setup.exe	4.4 MB	Sat 09 Mar 2024 14:51:34
KeePass-2.57-Setup.exe	4.4 MB	Wed 05 Jun 2024 20:09:18
LibreOffice-removeduplicatesfast-1-0-6.oxt	38.1 kB	Sun 12 Jul 2020 17:47:32
LibreOffice_24.8.1_Win_x86-64.msi	363.1 MB	Sat 14 Sep 2024 08:32:50



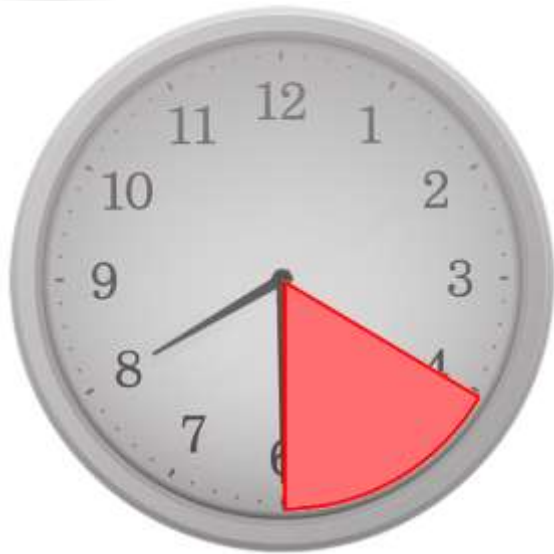
WMatch32
PC Magazine
No longer available (?)



Total Commander
Ghisler Software GmbH
<https://www.ghisler.com>



Meld
Kai Willadsen, Stephen Kennedy,
and Vincent Legoll
<https://meldmerge.org>



**Any other:
Questions
Comments
Shares?**



Armchair Travel - Alaska

Lynda Buske

On-line, Thursday Mar 20, 2025 at 6:00pm

Protecting your PC

Chris Taylor

Cumberland, Saturday Mar 22, 2025 at 2:00pm

How to Buy a PC

Chris Taylor

Ruth E. Dickinson, Tuesday Mar 25, 2025 at 2:00pm

<https://bibliottawalibrary.ca/en/program?text=pc+users>

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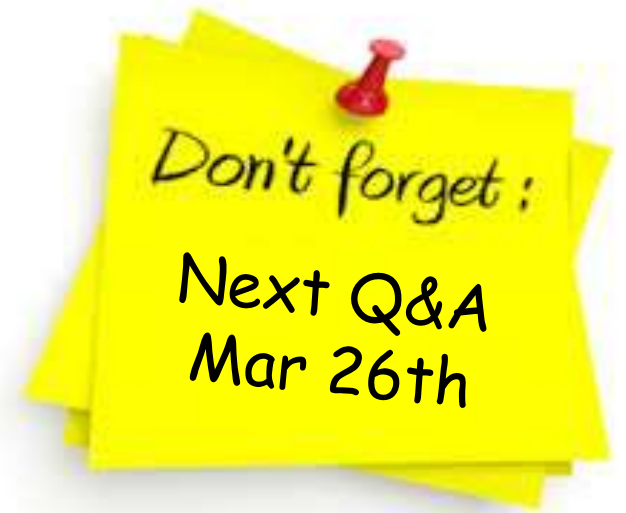
<https://opcug.ca/join-or-renew/>

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