



Alan German & Chris Taylor

Ottawa PC Users' Group

September 20, 2023

UPDATE



Microsoft PowerToys



PowerToys

- 22 utilities that add functionality to Windows
- v0.73.0 released 2023-08-31
 - lots of bug fixes and enhancements to existing toys
 - new PowerToy *Crop and Lock*
- If you already have the PowerToys installed
 - double-click the system tray icon
 - on the *General* tab, click *Check for updates*
- If you don't have the PowerToys installed
 - <https://github.com/microsoft/PowerToys/releases/>
 - in latest release (at top)
 - choose the link next to *Machine wide - x64* to download/install



Crop and Lock

- Select part of a program window
- Display in a smaller window that is *always on top*
- Two modes for the captured window
- *Thumbnail*
 - can't interact with the captured application window
 - changes within the application window will display
- *Reparent*
 - **sometimes** interact with program in captured window
 - scroll vertically in captured window using mouse wheel
 - no way to scroll horizontally
 - edit, select visible menu options, copy to clipboard...
 - *experimental... may cause issues with some applications*

Working on a document

- need info from a website

OPCUG



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for over 40 years

September 13,
2023

Directory Opus: the Ultimate Windows Explorer Replacement

The Ottawa PC Users' Group (OPCUG) invites the public to participate
in its upcoming **online** presentation **Directory Opus: the Ultimate**

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Directory Opus: the Ultimate Windows E Replacement

Speaker: Serge Fink Thériault (OPCUG)

Windows Explorer—with its basic one-pane interface—allows us to perform a number of operations on files and directories, sure. But what if you could have an Explorer replacement with a choice of single pane (vertically or horizontally set) that you could easily configure to suit your exact needs? Search no more: Directory Opus is your answer. You don't like the Windows Start menu and want to replace it? You need an F-1P client? You want to color-code your file names so they stand out among a multitude of other files? You want quick link buttons to your favourite websites, files or directories on your drives, or installed programs? "XOpus" (as its users call it) has hundreds of great, easy-to-use customization functions and options, as well as more capabilities than all other Explorer replacements. Moreover, it is supported by a large community of users who create and share buttons and scripts that can be used to be more efficient and enhance your Windows experience overall.

This meeting v
Join us at <https://tinyurl.com/opcug-meeting>

Open browser

- find web page with info I need

Press hotkey for Crop & Lock's reparent option

- drag bounding box around what I want captured

Directory Opus: the Ultimate Windows Explorer Replacement

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Captured window appears

Captured window can be moved

- switch focus to Word in order to edit
- captured window remains on top

Close captured window

Use mouse wheel to scroll content in captured window



A work in progress

- Great when you have some text showing in a program that you want to refer to while working in another program
- Significant issues with this initial release
- Thumbnail mode generally most stable
 - displays properly, but no interaction with captured program
- Reparent mode more functional...*and more problematic*
 - some Windows Store apps don't display properly at all
 - some programs allow interaction (editing, selecting menus, etc.)
 - some programs become confused...stop being interactable
- I hope this will improve over time
 - horizontal scrolling
 - more reliable interaction with program in captured window
 - ability to resize captured window

Share

Photo editing with Photoscape X

Part 1 – Straightening and cropping

Part 2 – Lighting adjustments

Part 3 – Editing tools (e.g. spot healing, soften skin, red eye)

Part 4 – Masking



Share

BleachBit



BleachBit

> Home

> Download

> Features

> Contribute

> Shop

> Help

> Forums

> Press Center

> Search

- Quickly free disk space
- Clear cache, cookies, Internet history, logs, and junk you didn't even know was there!
- Includes advanced features such as shredding files and wiping free disk space
- Designed for Linux and Windows systems
- Better than free, BleachBit is open source

<https://www.bleachbit.org>

**Site is full of ads
avoid downloading
the wrong software!**

**Hint! None
of these!**

The screenshot shows the BleachBit website interface. At the top, there's a navigation bar with links: Home, Download, Features, Contribute, Shop, and Help. The main heading is "Clean Your System and Free Disk Space". Below this, there are three prominent "DOWNLOAD" buttons, each enclosed in a red rectangular box. A red arrow points from the text "Hint! None of these!" to each of these three buttons. The first button is a green rectangle with the word "DOWNLOAD" in white. The second button is a light blue rounded rectangle with a downward arrow icon and the text "Download now". The third button is a green rounded rectangle with the word "DOWNLOAD" in white. The website also features several advertisements, including one for Adobe Acrobat Pro on the left and a "New Client" form on the right. The footer contains a "2 Easy Steps" section with instructions: "1. Click 'Download'" and "2. Add Safe Browse Extension".



BleachBit

[> Home](#)[> Download](#)[> Features](#)[> Contribute](#)[> Shop](#)

Download BleachBit for Windows

Download Now

For windows 10, 11 32/64 bit



This is not it either!!!



PC APP STORE™



BleachBit

[> Home](#)[> Download](#)[> Features](#)[> Contribute](#)[> Shop](#)

Download BleachBit for Windows

Download Now

For windows 10, 11 32/64 bit



← This is not it either!!!



PC APP STORE™

Installation package

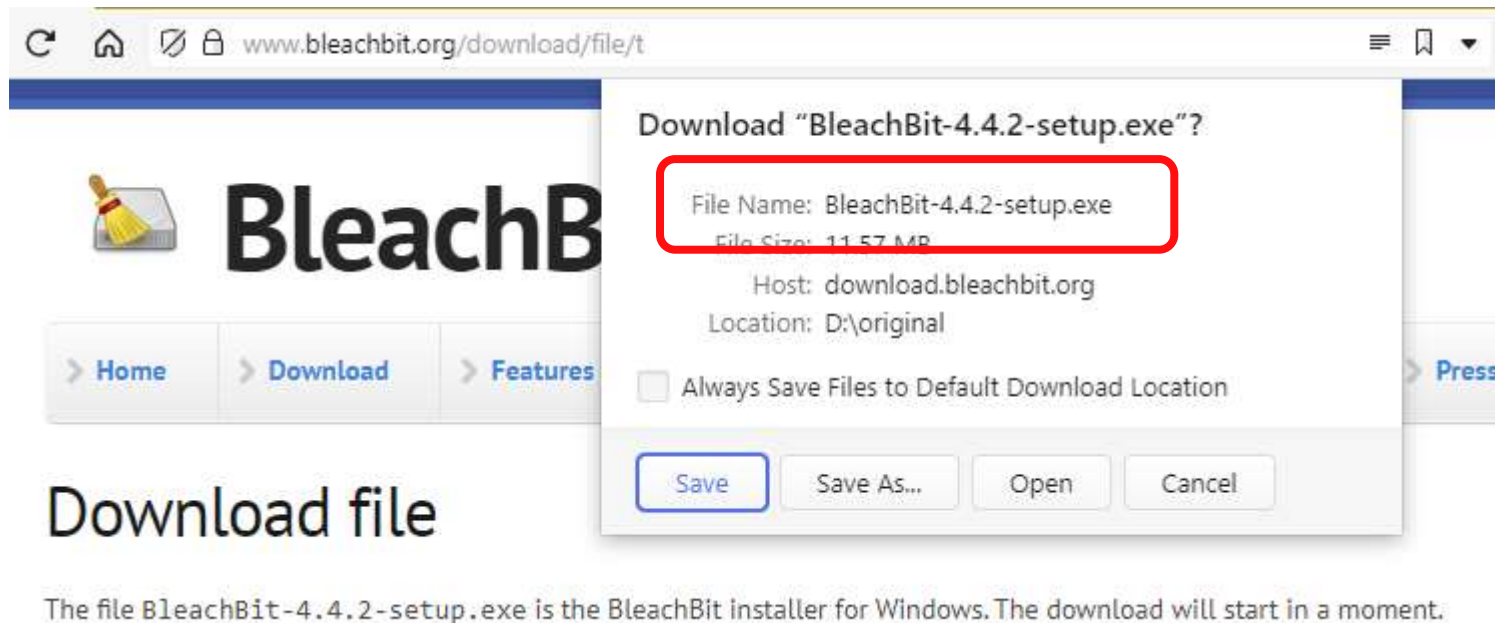
Download the latest BleachBit installation packages for:

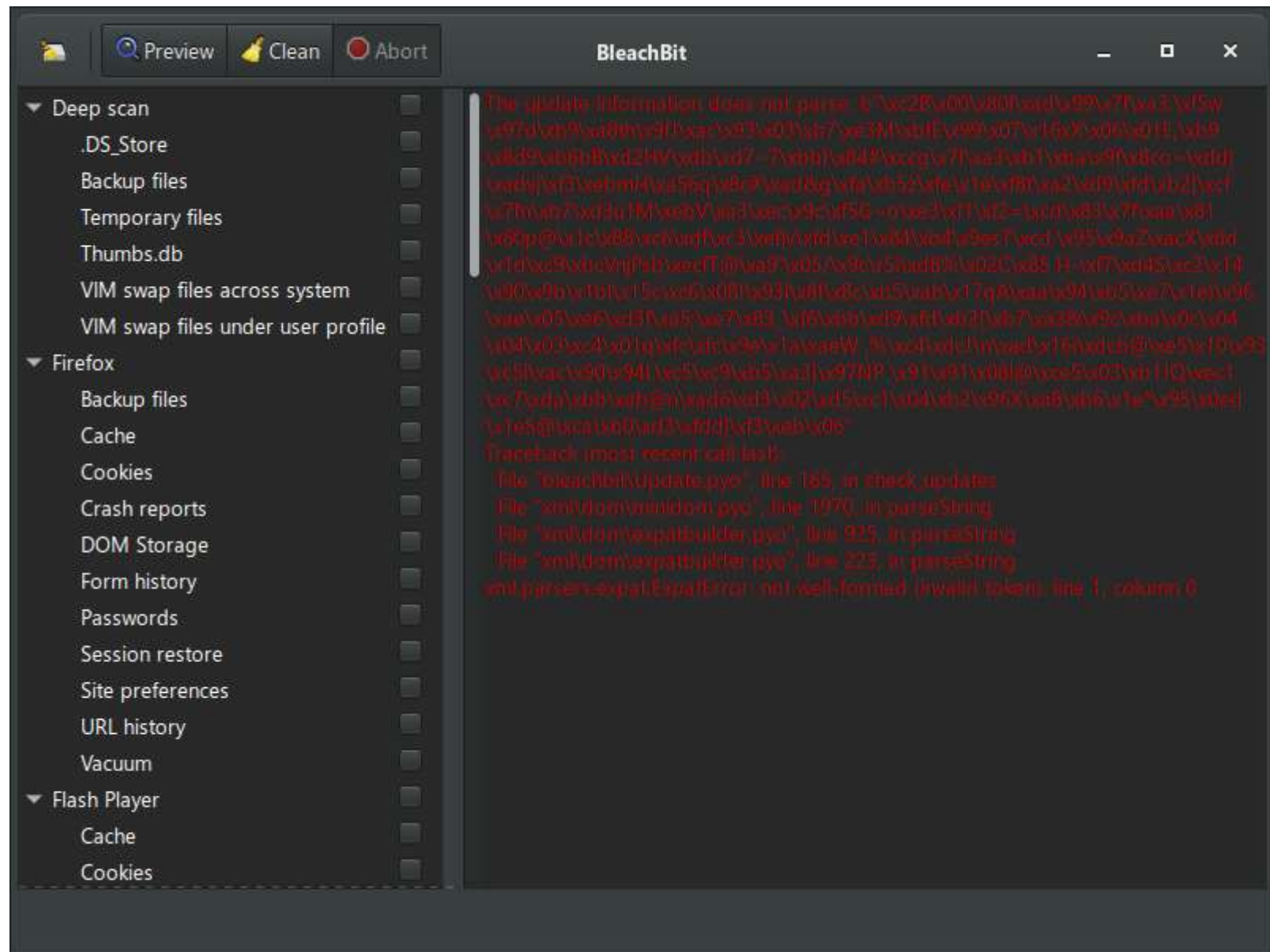
- [Linux](#)
- [Windows](#)

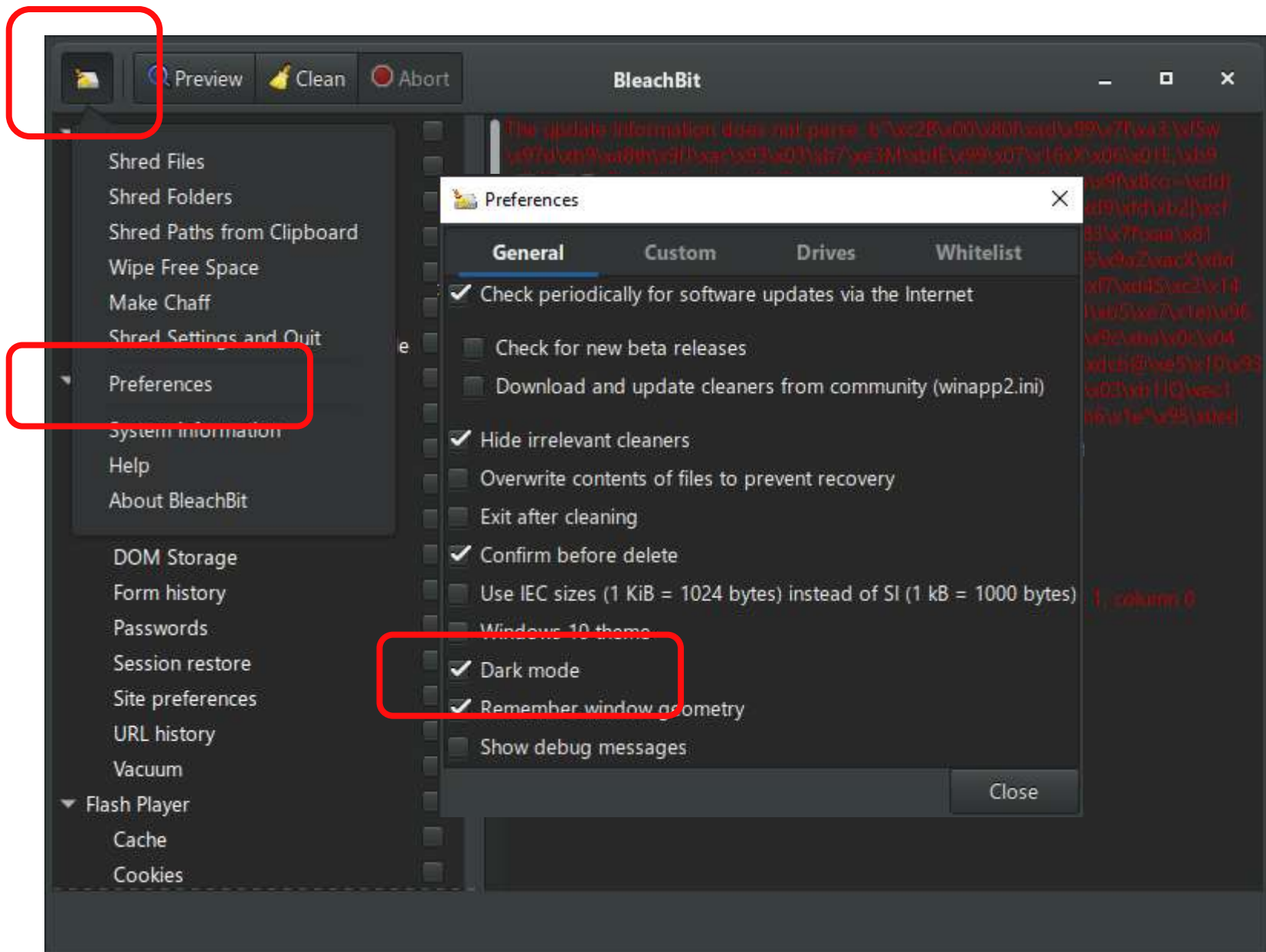
← Scroll down to this tiny link

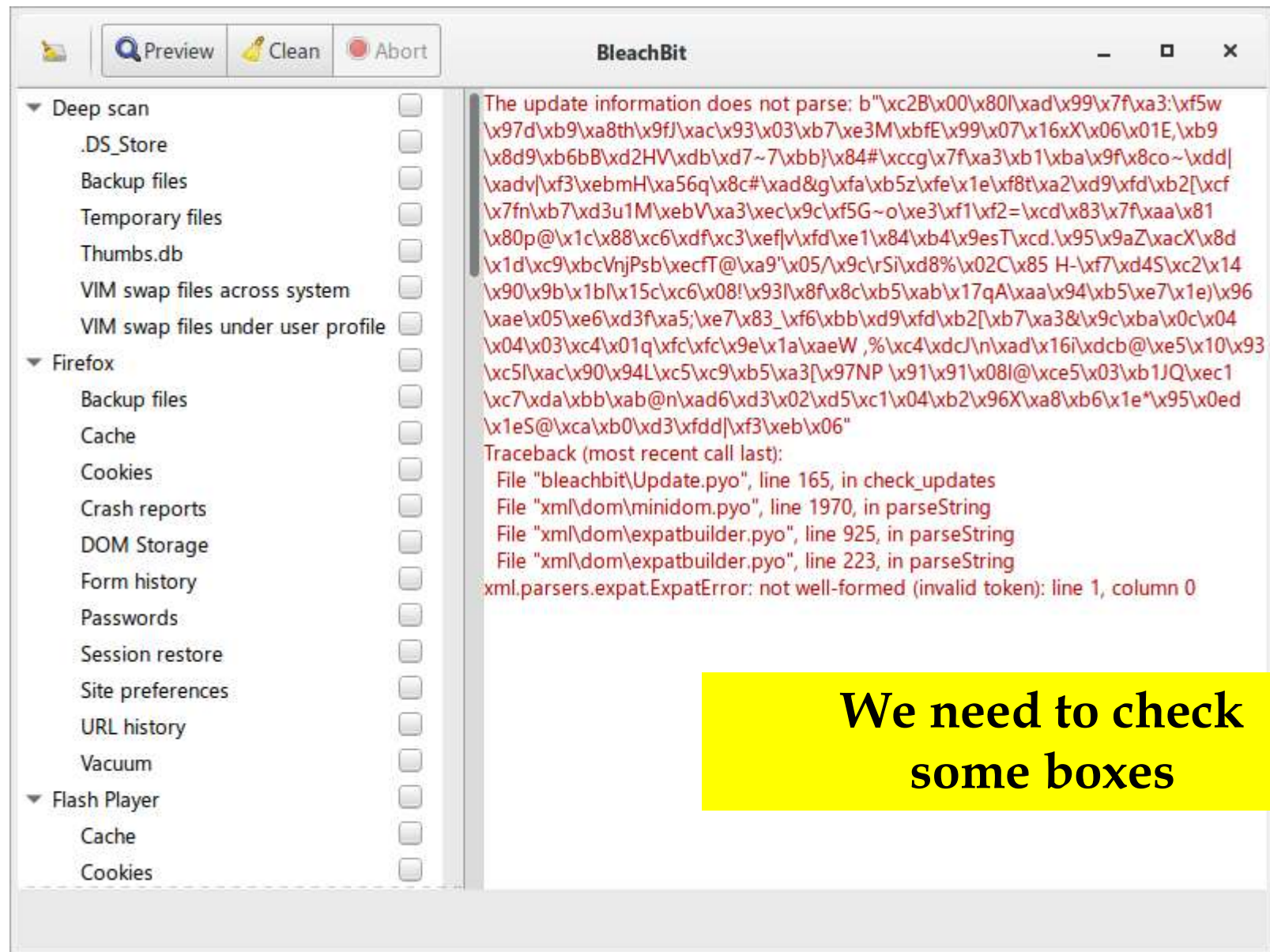
Download BleachBit 4.4.2 for Microsoft Windows (32-bit and 64-bit):

- [BleachBit installer .exe](#): best option for most people
- [BleachBit portable](#): official portable distribution. Run BleachBit without installation.

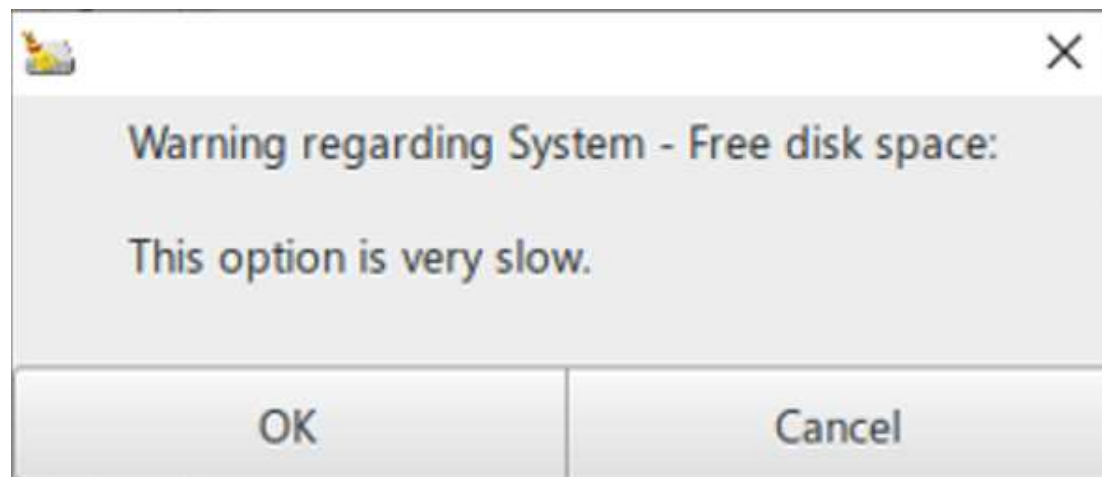


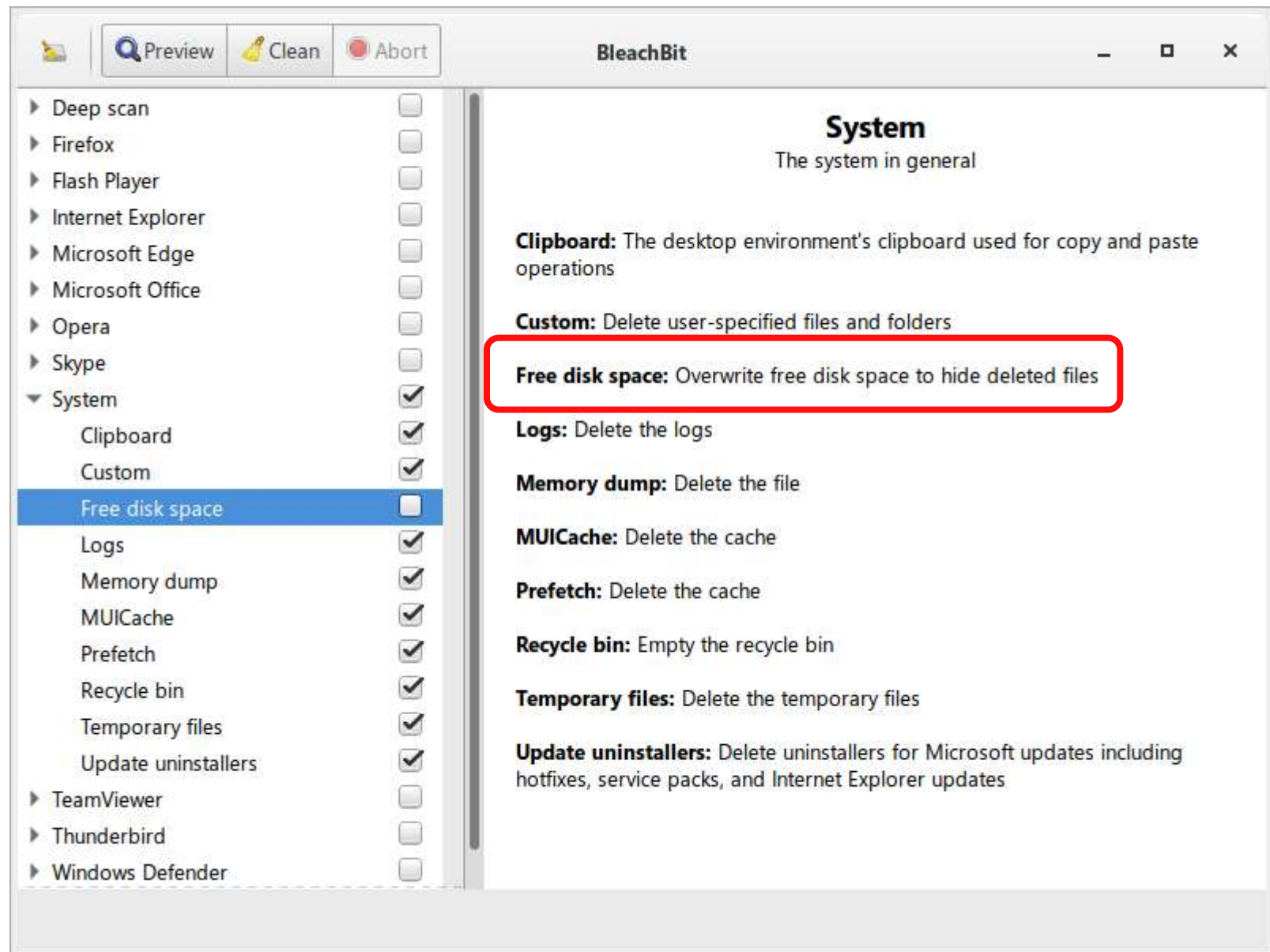






**We need to check
some boxes**





Disable the following options:

System

- Free disk space (shreds free space)

Thunderbird

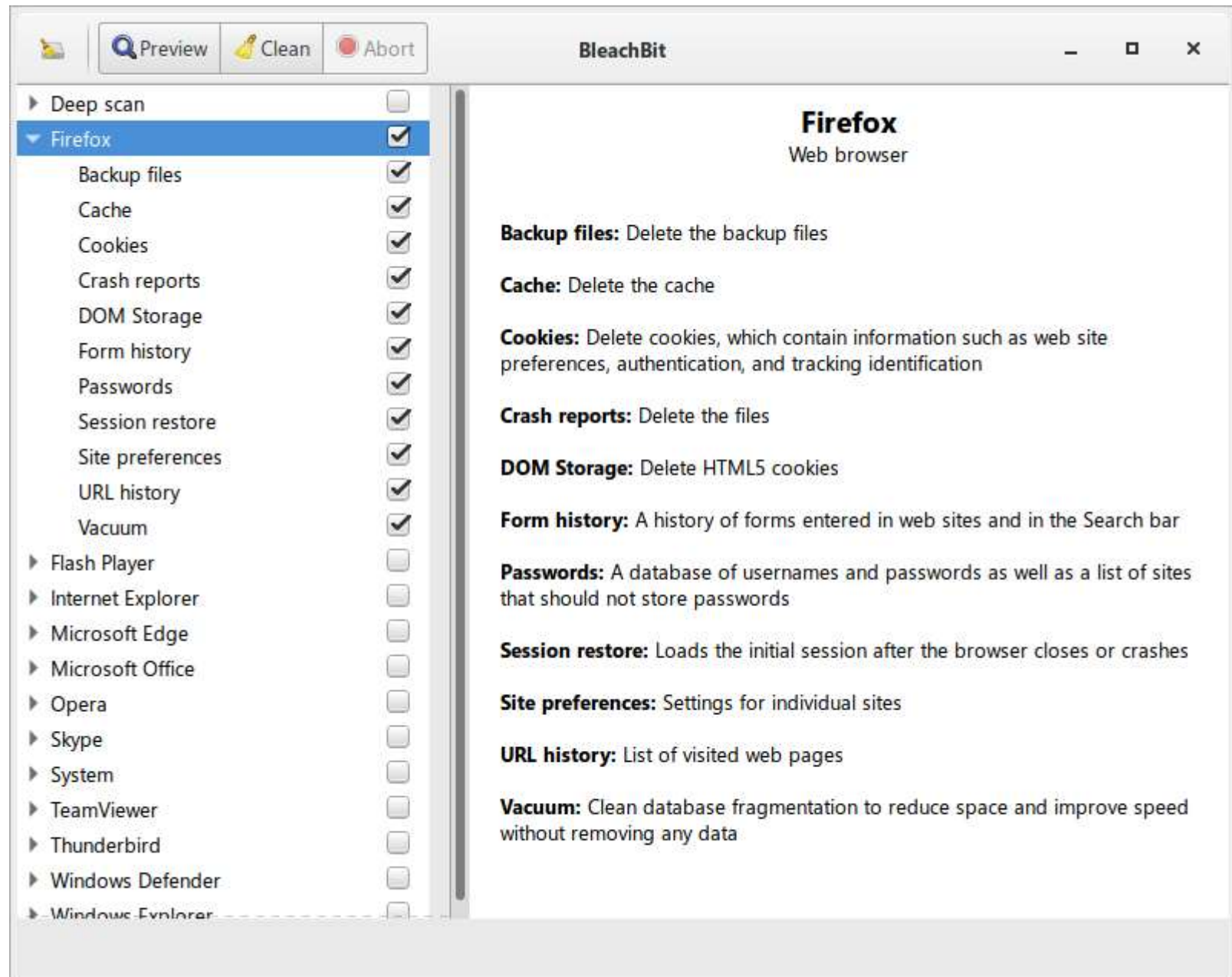
- Index (resets message column configurations)
- Passwords (deletes saved passwords)

Windows Explorer

- Shellbags (resets position of desktop icons)



BleachBit will change the filesystem
- Make a backup disk image



Home

Find a setting

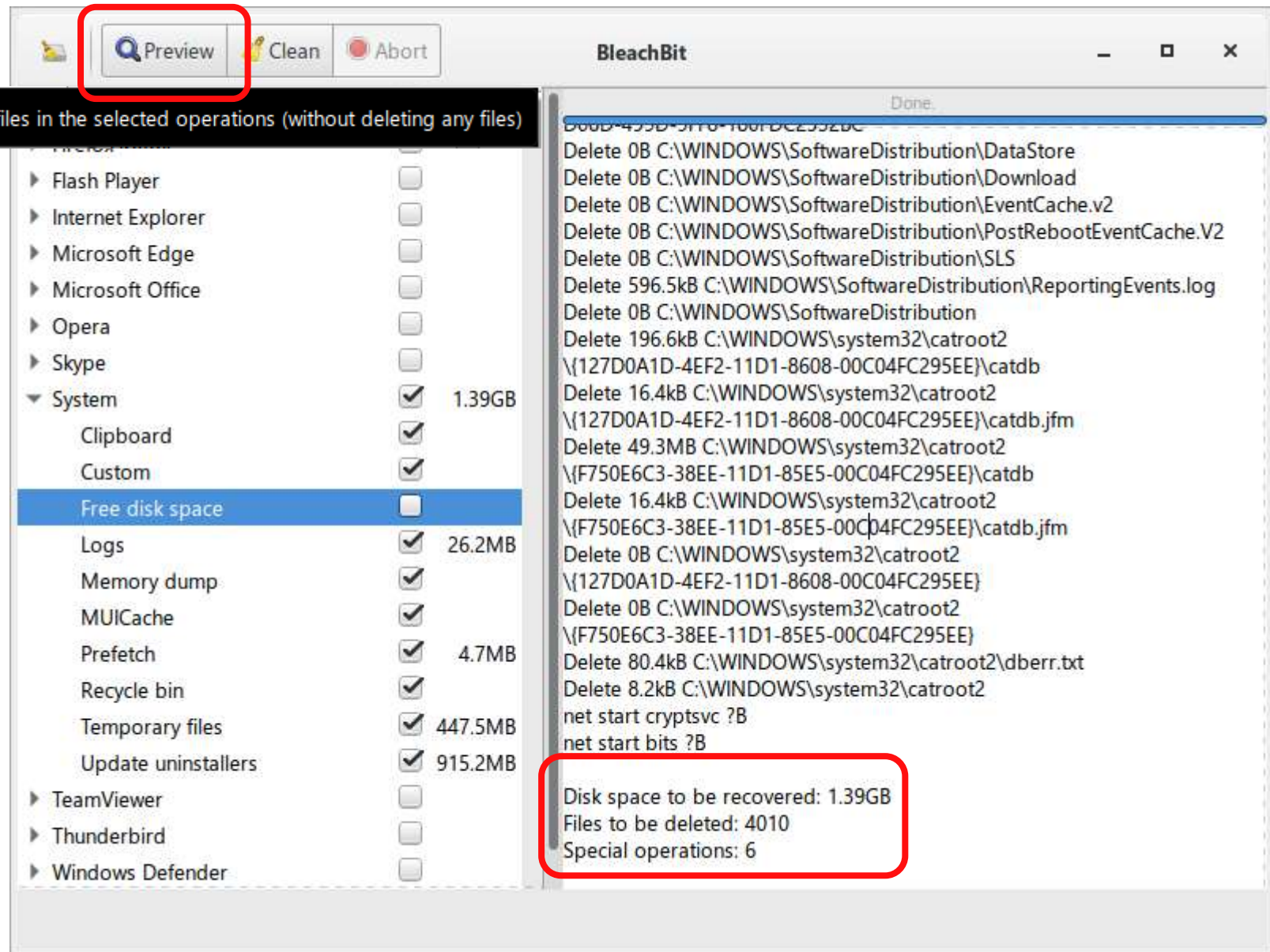
Apps

- Apps & features
- Default apps
- Offline maps
- Apps for websites
- Video playback

Apps & features

	Everything 1.4.1.1022 (x64)	3.00 MB 2022-10-15
	FastStone Image Viewer 7.7	2022-12-28
	Feedback Hub Microsoft Corporation	1.28 MB 2023-06-02
	FFmpeg (Windows) for Audacity version 2.2.2	29.4 MB 2020-09-10
	File Shredder 2.5	6.04 MB 2014-12-14
	FileZilla 3.65.0	42.7 MB 2023-07-26
	Films & TV Microsoft Corporation	14.4 MB 2023-04-29
	Food & Drink Microsoft Corporation	16.0 KB 2016-08-22
	FreeFileSync	51.9 MB 2023-01-22

Firefox is not installed !



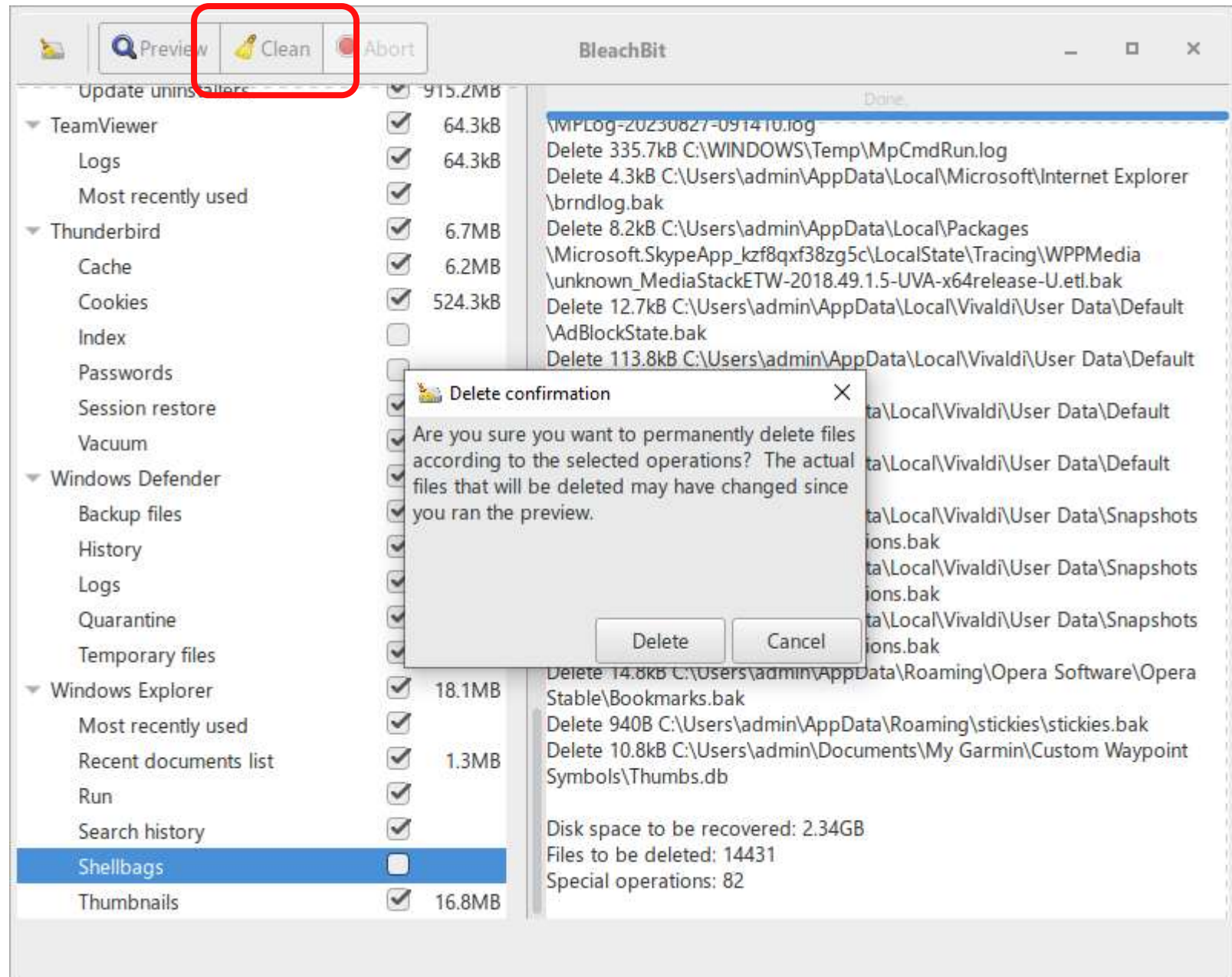
Preview files in the selected operations (without deleting any files)

Flash Player	☐	
Internet Explorer	☐	
Microsoft Edge	☐	
Microsoft Office	☐	
Opera	☐	
Skype	☐	
System	☒	1.39GB
Clipboard	☒	
Custom	☒	
Free disk space	☐	
Logs	☒	26.2MB
Memory dump	☒	
MUICache	☒	
Prefetch	☒	4.7MB
Recycle bin	☒	
Temporary files	☒	447.5MB
Update uninstallers	☒	915.2MB
TeamViewer	☐	
Thunderbird	☐	
Windows Defender	☐	

Done.

Delete 0B C:\WINDOWS\SoftwareDistribution\DataStore
Delete 0B C:\WINDOWS\SoftwareDistribution\Download
Delete 0B C:\WINDOWS\SoftwareDistribution\EventCache.v2
Delete 0B C:\WINDOWS\SoftwareDistribution\PostRebootEventCache.V2
Delete 0B C:\WINDOWS\SoftwareDistribution\SLS
Delete 596.5kB C:\WINDOWS\SoftwareDistribution\ReportingEvents.log
Delete 0B C:\WINDOWS\SoftwareDistribution
Delete 196.6kB C:\WINDOWS\system32\catroot2
\\{127D0A1D-4EF2-11D1-8608-00C04FC295EE}\catdb
Delete 16.4kB C:\WINDOWS\system32\catroot2
\\{127D0A1D-4EF2-11D1-8608-00C04FC295EE}\catdb.jfm
Delete 49.3MB C:\WINDOWS\system32\catroot2
\\{F750E6C3-38EE-11D1-85E5-00C04FC295EE}\catdb
Delete 16.4kB C:\WINDOWS\system32\catroot2
\\{F750E6C3-38EE-11D1-85E5-00C04FC295EE}\catdb.jfm
Delete 0B C:\WINDOWS\system32\catroot2
\\{127D0A1D-4EF2-11D1-8608-00C04FC295EE}
Delete 0B C:\WINDOWS\system32\catroot2
\\{F750E6C3-38EE-11D1-85E5-00C04FC295EE}
Delete 80.4kB C:\WINDOWS\system32\catroot2\dberr.txt
Delete 8.2kB C:\WINDOWS\system32\catroot2
net start cryptsvc ?B
net start bits ?B

Disk space to be recovered: 1.39GB
Files to be deleted: 4010
Special operations: 6



 Preview Clean Abort **BleachBit** — □ ×

Update uninstallers ☒ 905.4MB

▼ TeamViewer ☒ 64.3kB

 Logs ☒ 64.3kB

 Most recently used ☒

▼ Thunderbird ☒ 15.7MB

 Cache ☒ 6.2MB

 Cookies ☒ 524.3kB

 Index ☐

 Passwords ☐

 Session restore ☒ 86B

 Vacuum ☒ 8.9MB

▼ Windows Defender ☒ 33.7MB

 Backup files ☒

 History ☒

 Logs ☒ 33.7MB

 Quarantine ☒

 Temporary files ☒

▼ Windows Explorer ☒ 18MB

 Most recently used ☒

 Recent documents list ☒ 1.2MB

 Run ☒

 Search history ☒

 Shellbags ☐

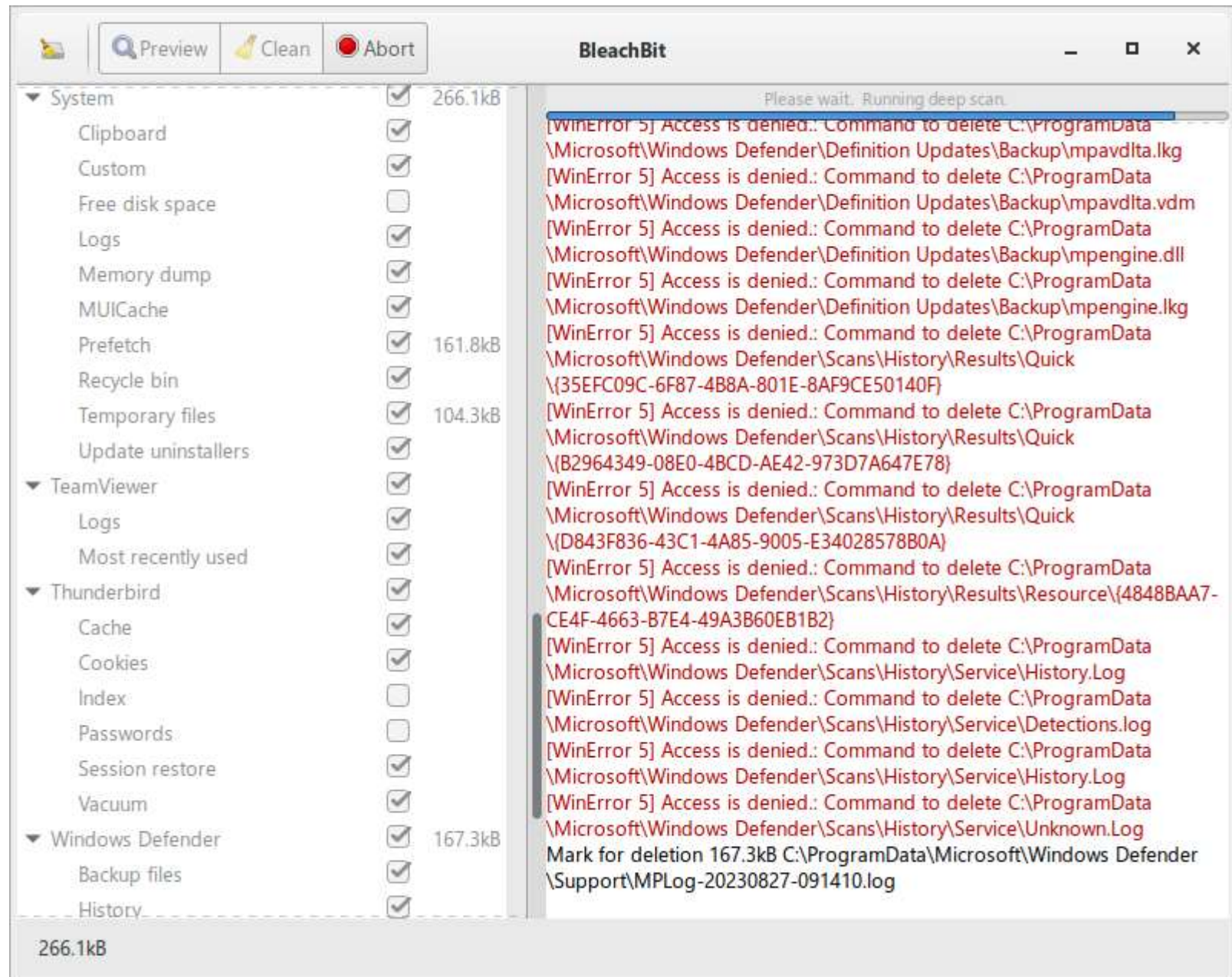
 Thumbnails ☒ 16.8MB

Done

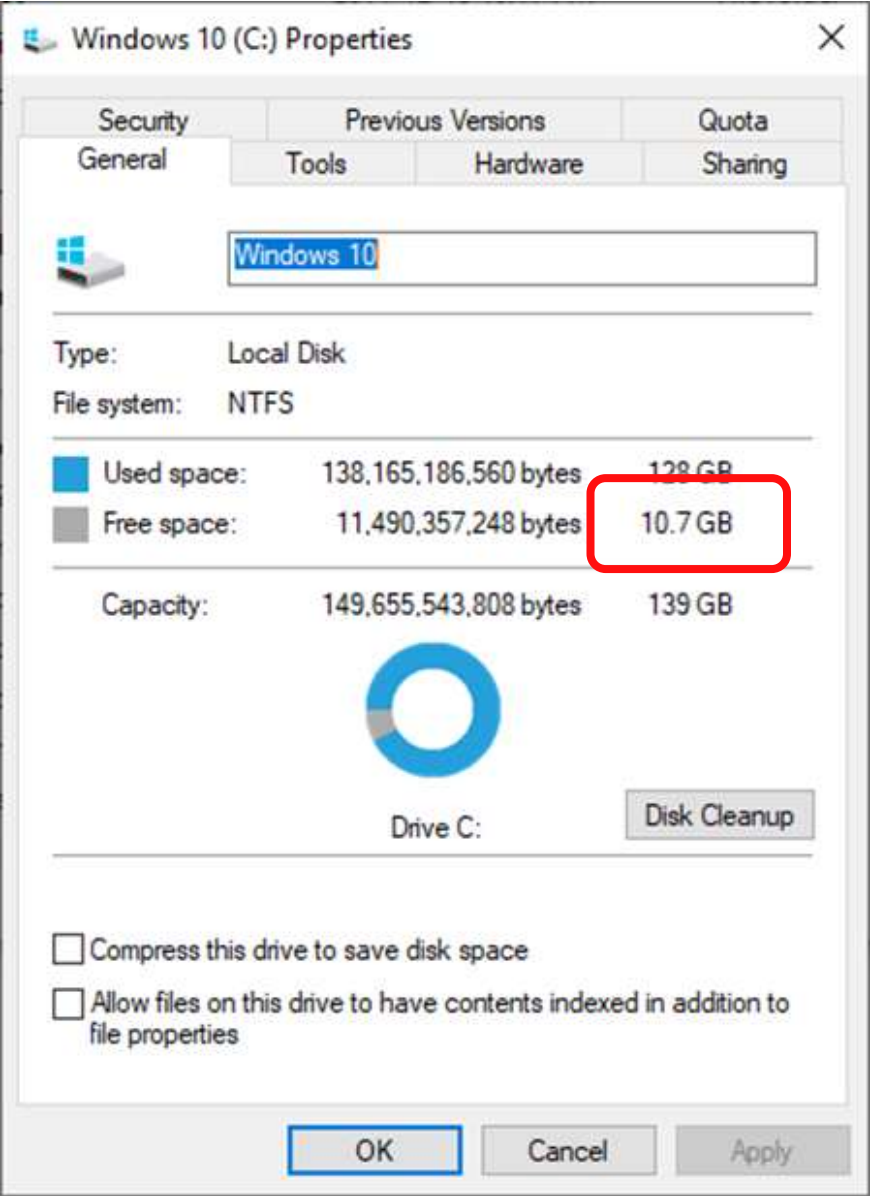
\\MPLog-20230630-101602.log
Mark for deletion 101.1kB C:\\ProgramData\\Microsoft\\Windows Defender
\\Support\\MPLog-20230827-091410.log
Delete 8.2kB C:\\Users\\admin\\AppData\\Local\\Packages
\\Microsoft.SkypeApp_kzf8qxf38zg5c\\LocalState\\Tracing\\WPPMedia
\\unknown_MediaStackETW-2018.49.1.5-UVA-x64release-U.etl.bak
Delete 12.7kB C:\\Users\\admin\\AppData\\Local\\Vivaldi\\User Data\\Default
\\AdBlockState.bak
Delete 113.8kB C:\\Users\\admin\\AppData\\Local\\Vivaldi\\User Data\\Default
\\Bookmarks.bak
Delete 651B C:\\Users\\admin\\AppData\\Local\\Vivaldi\\User Data\\Default
\\Notes.bak
Delete 202B C:\\Users\\admin\\AppData\\Local\\Vivaldi\\User Data\\Default
\\Sessions\\sessions.bak
Delete 202B C:\\Users\\admin\\AppData\\Local\\Vivaldi\\User Data\\Snapshots
\\6.1.3035.100\\Default\\Sessions\\sessions.bak
Delete 202B C:\\Users\\admin\\AppData\\Local\\Vivaldi\\User Data\\Snapshots
\\6.1.3035.111\\Default\\Sessions\\sessions.bak
Delete 202B C:\\Users\\admin\\AppData\\Local\\Vivaldi\\User Data\\Snapshots
\\6.1.3035.302\\Default\\Sessions\\sessions.bak
Delete 14.8kB C:\\Users\\admin\\AppData\\Roaming\\Opera Software\\Opera
Stable\\Bookmarks.bak
Delete 940B C:\\Users\\admin\\AppData\\Roaming\\stickies\\stickies.bak
Delete 10.8kB C:\\Users\\admin\\Documents\\My Garmin\\Custom Waypoint
Symbols\\Thumbs.db

Disk space recovered: 2.05GB
Files deleted: 14155
Special operations: 67
Errors: 18

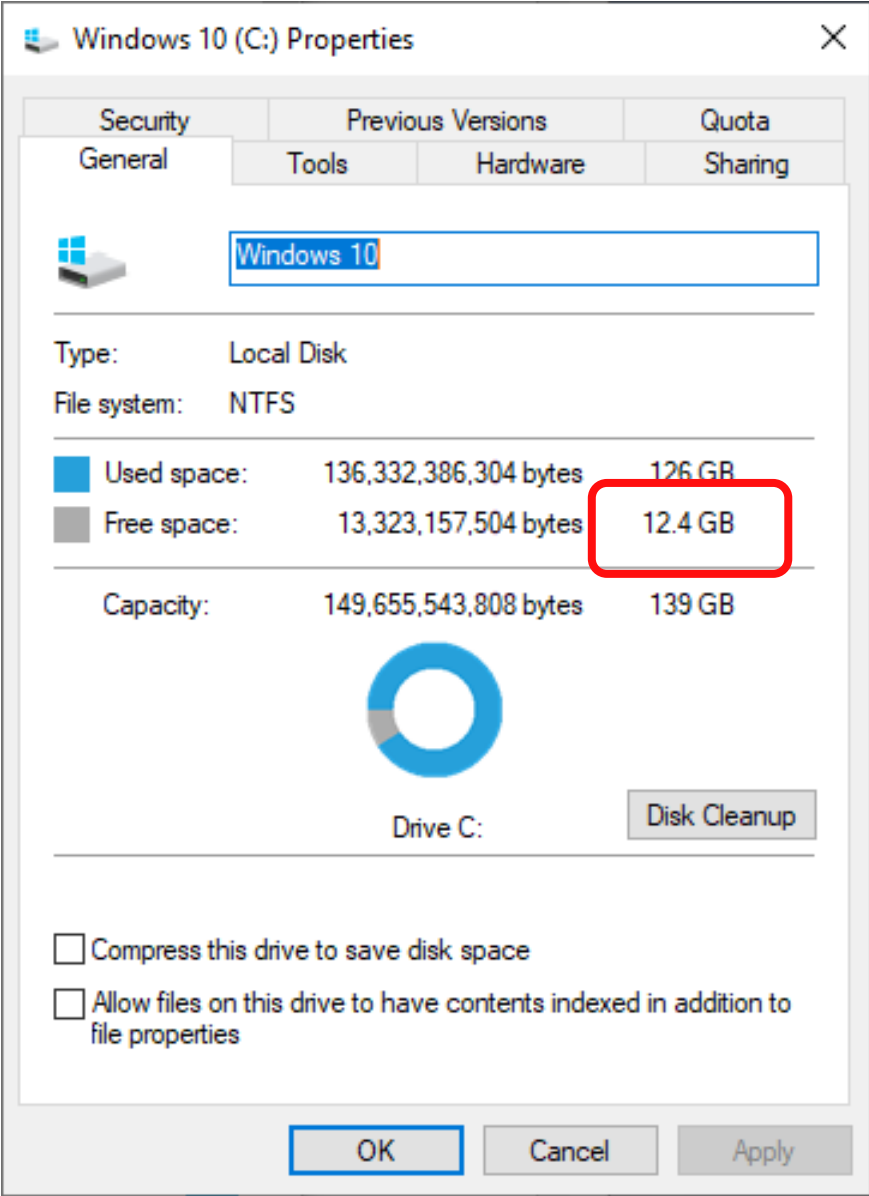
2.05GB



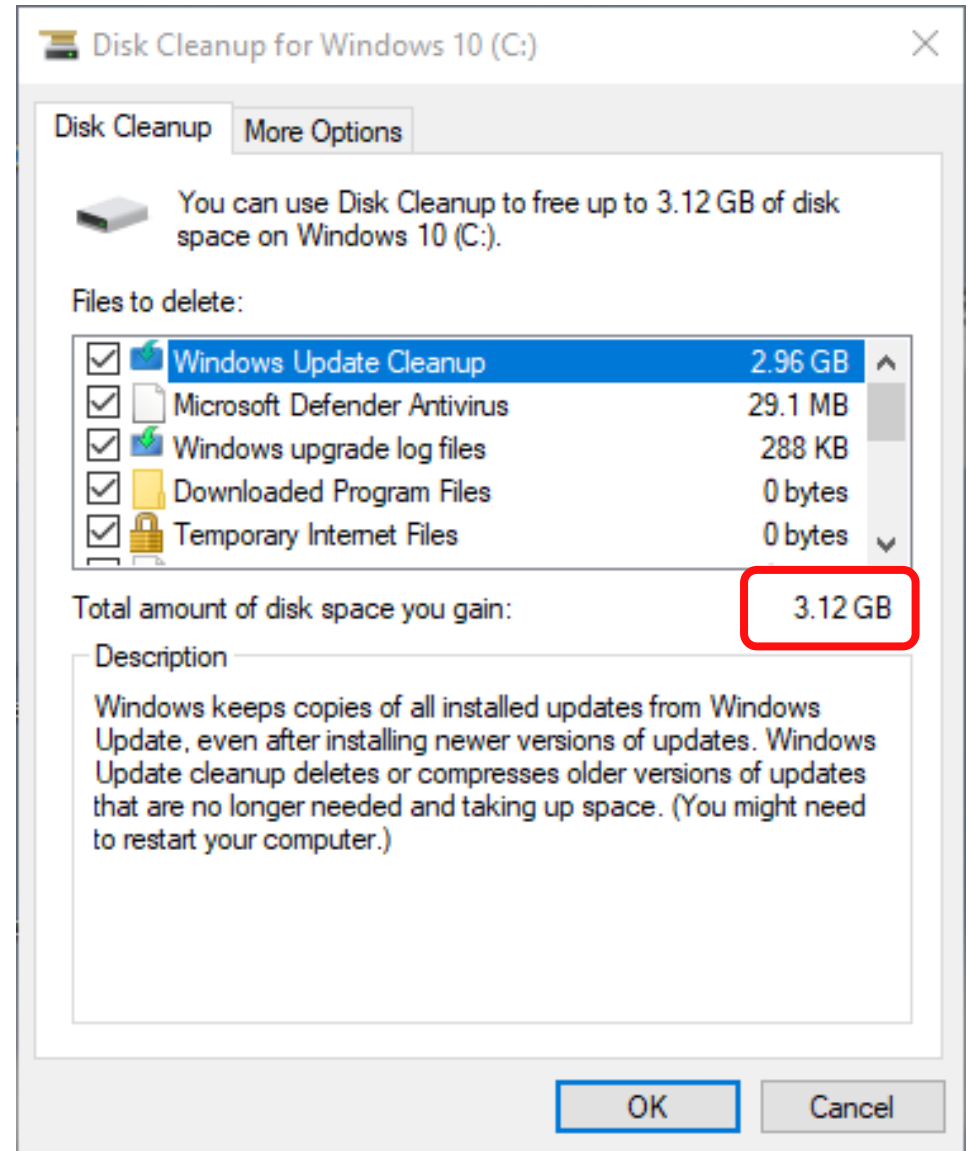
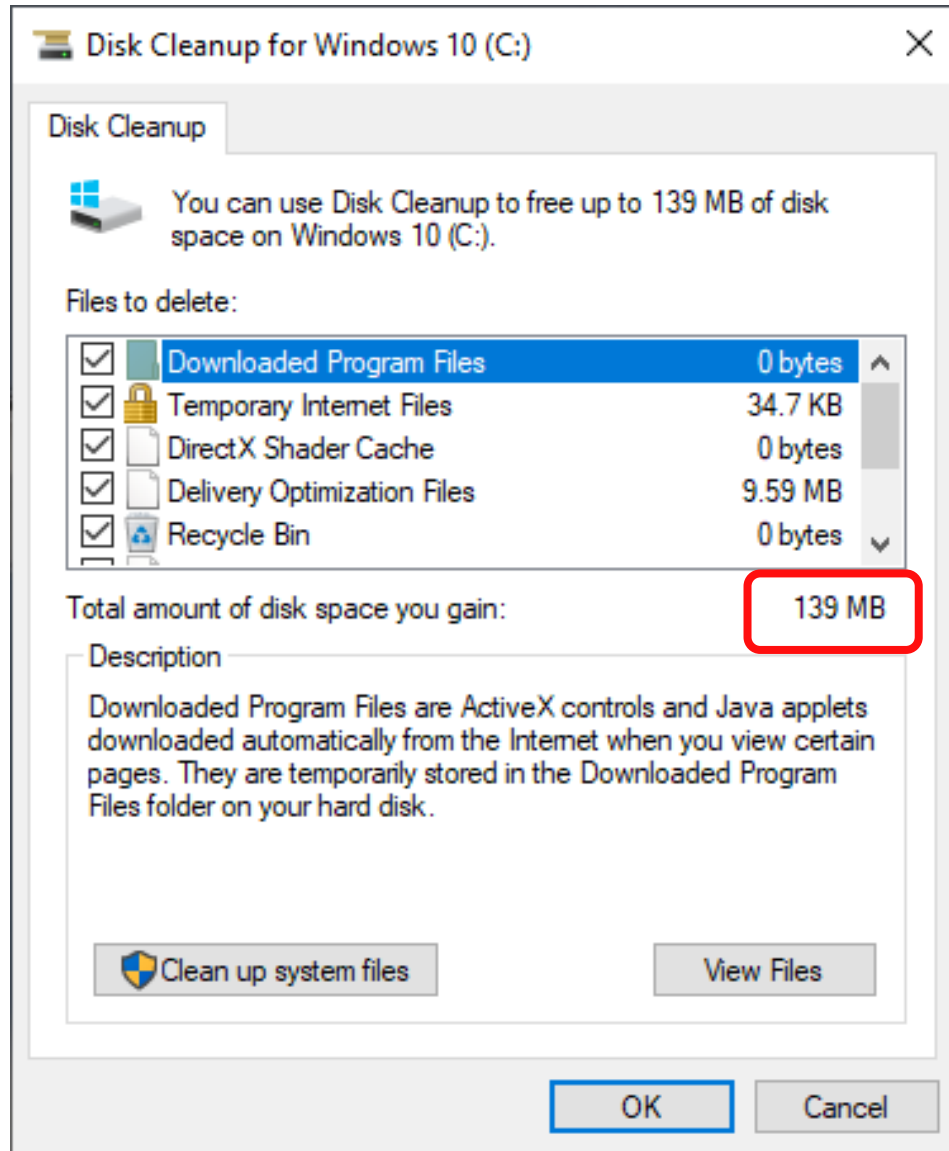
Before



After



Disk Cleanup - After Bleach Bit





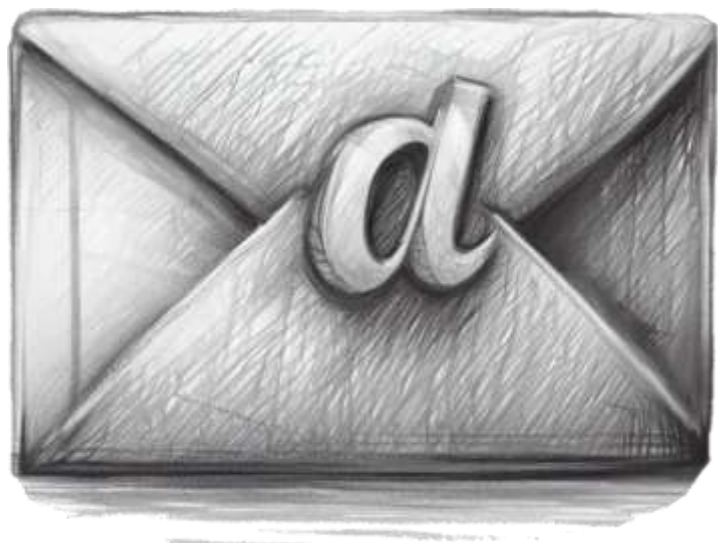
BleachBit

- BleachBit can find a whole bunch of files to delete
- Pay attention when selecting categories of files
- And, it seems whatever application(s) is used to clean Drive C:, one still has to run *Disk Cleanup* to eliminate many files

Share

Disposable email addresses

- Anytime you need to use an email *only once*
 - need to give email address for validation
 - site sends an email with a link or validation code to complete some operation
 - not sure you trust a person or service
 - want to see if there is an *immediate* negative effect of providing email address



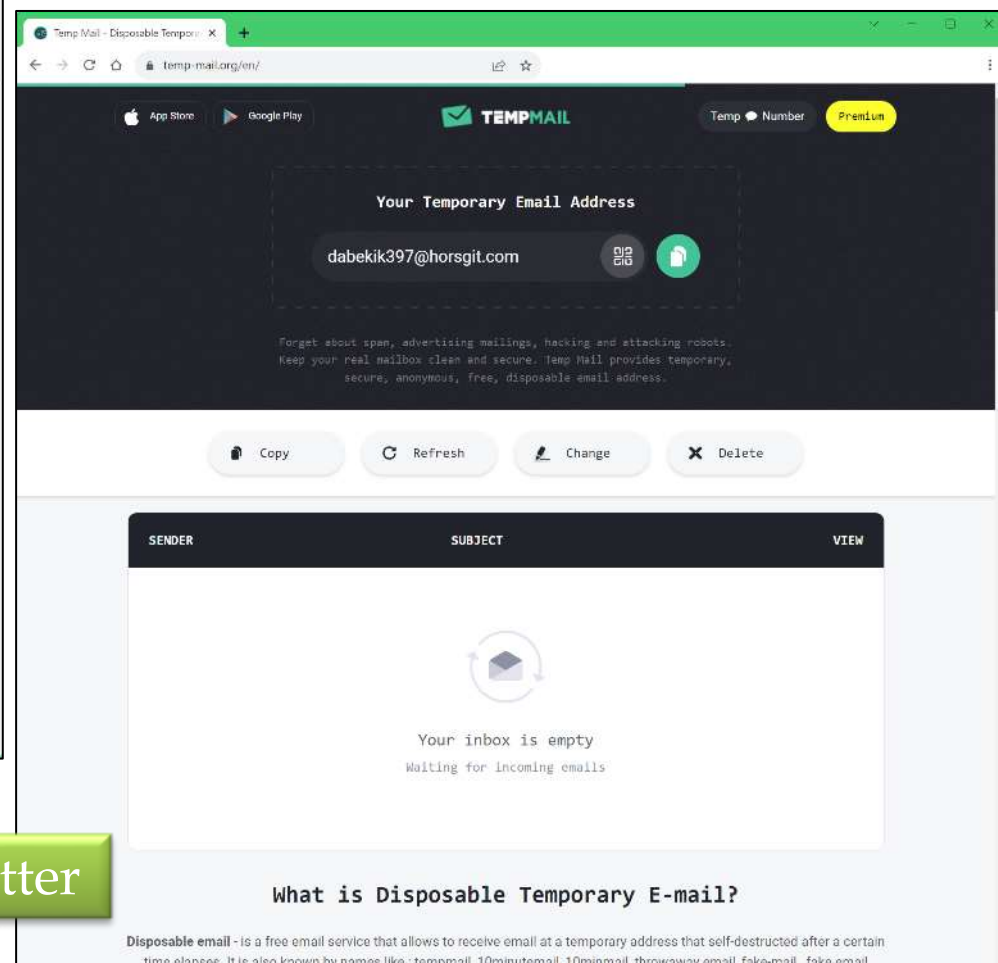
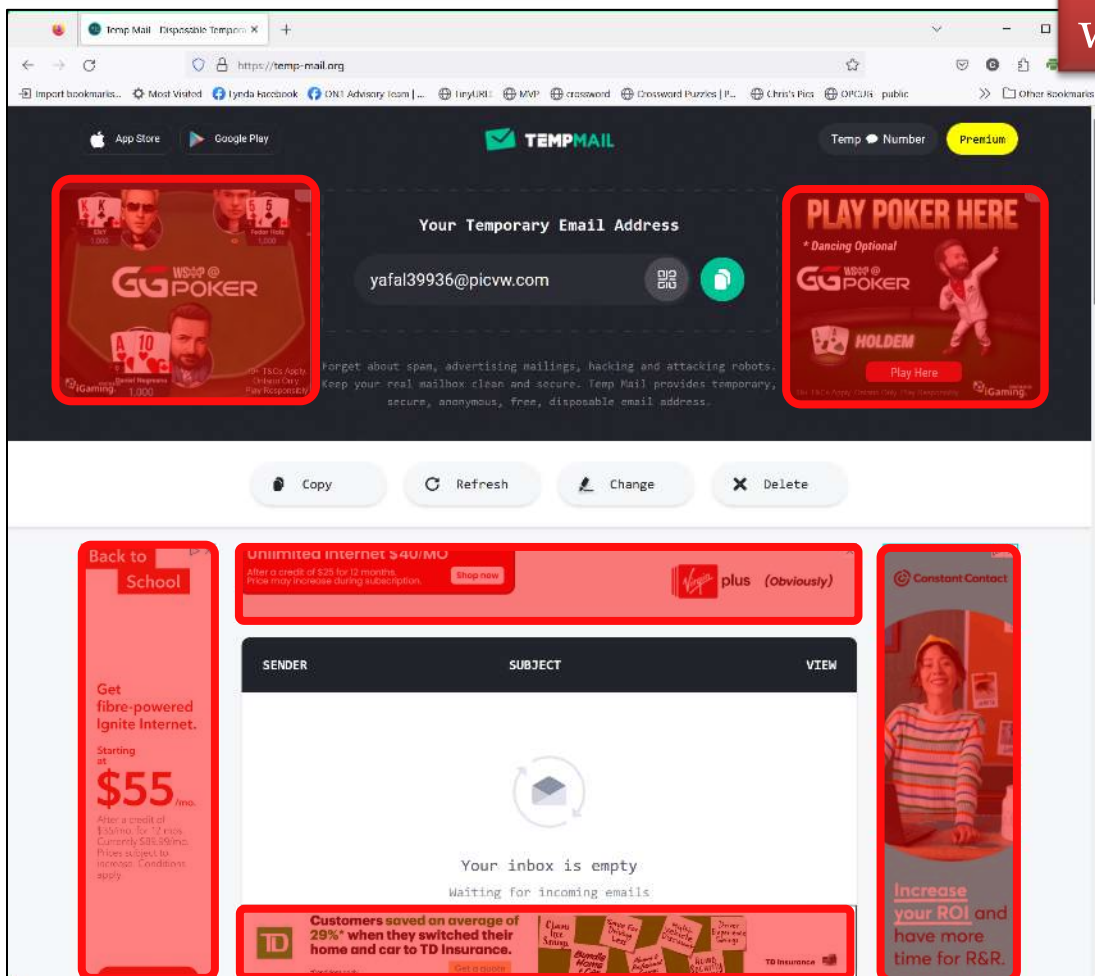
Share

Temp Mail



<https://temp-mail.org>

You might want an ad-blocker when using this site!



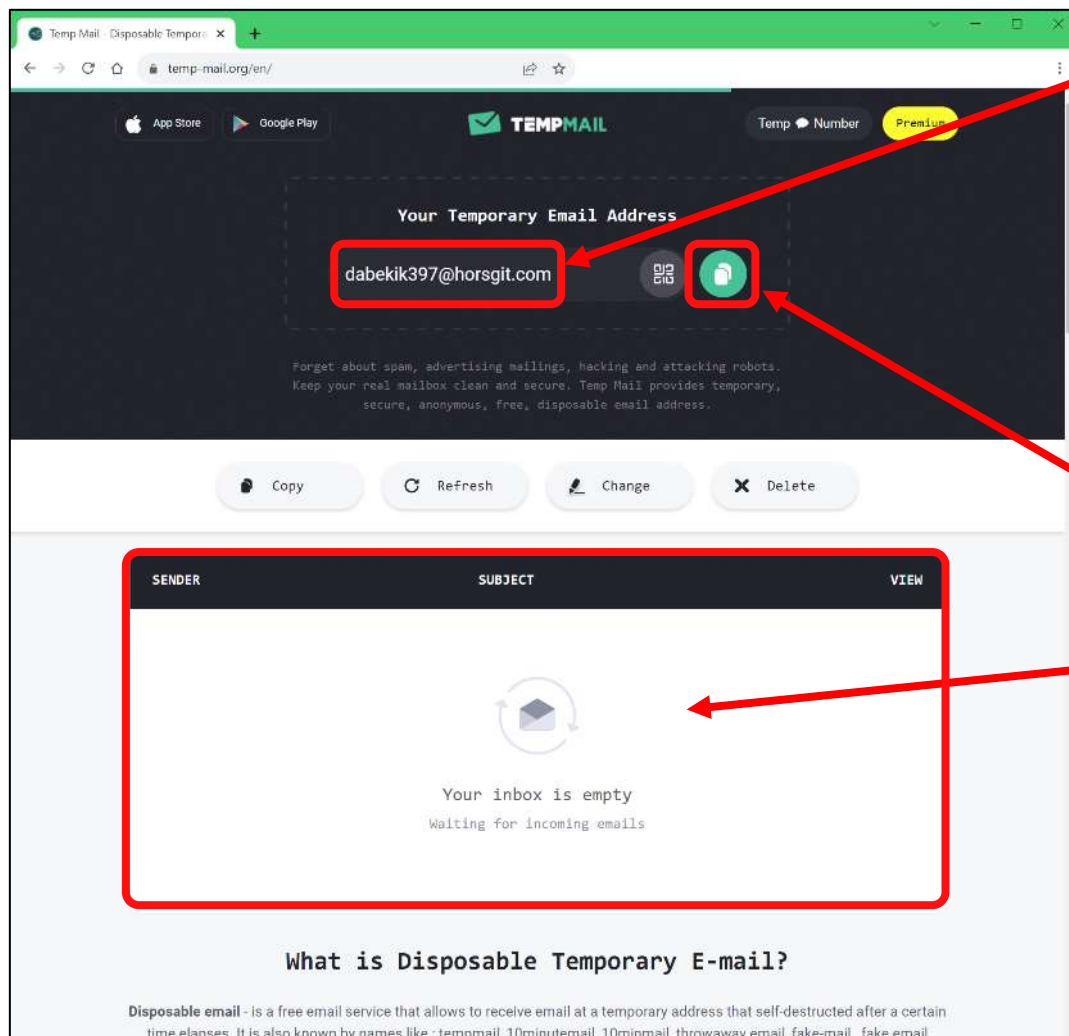
Ahhhh...that's better

What is Disposable Temporary E-mail?

Disposable email - is a free email service that allows to receive email at a temporary address that self-destructed after a certain time elapses. It is also known by names like :tempmail, 10minutemail, 10minmail, throwaway email, fake-mail, fake email

Share

Temp Mail



Email address automatically generated

- if you close/reopen browser, same address generated
 - stored in cookie *
- loading a different browser generates a different email address

Copy address to clipboard

Any emails sent to address appear here

- no way to forward emails

* Examination of cookies for site

- 2 tokens look like they might control expiration of address
 - expiry dates for the tokens: 1 week and 1 year
- temporary email address may expire in 1 week, 1 year, ... or never

Share

Temp Mail

Change temporary email address

- *seems* to allow recovery of an old temp email address
- only available on **Premium**
 - for the *low, low* price of US\$10/month (or US\$60/year)

Invalidate temporary email address

- automatically generate new address

Once an email address is invalidated

- *no* non-delivery report sent to sender

Temp Mail doesn't say how long the address remains valid

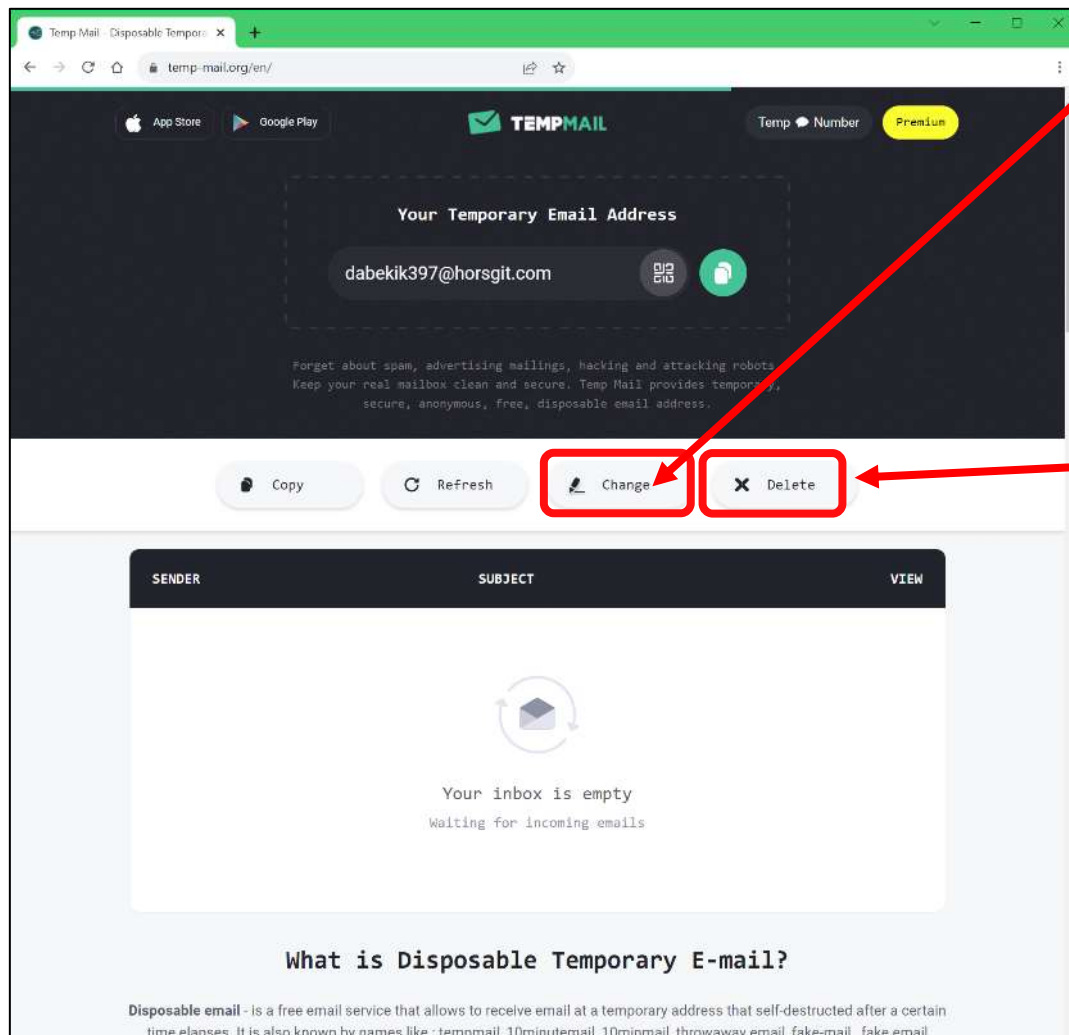
- looks like 1 week, 1 year, or forever
- **but** *received emails* disappear after 2 hrs

Do I care if the address remains valid?

- *maybe*

Do I care if the emails disappear?

- *that depends...*

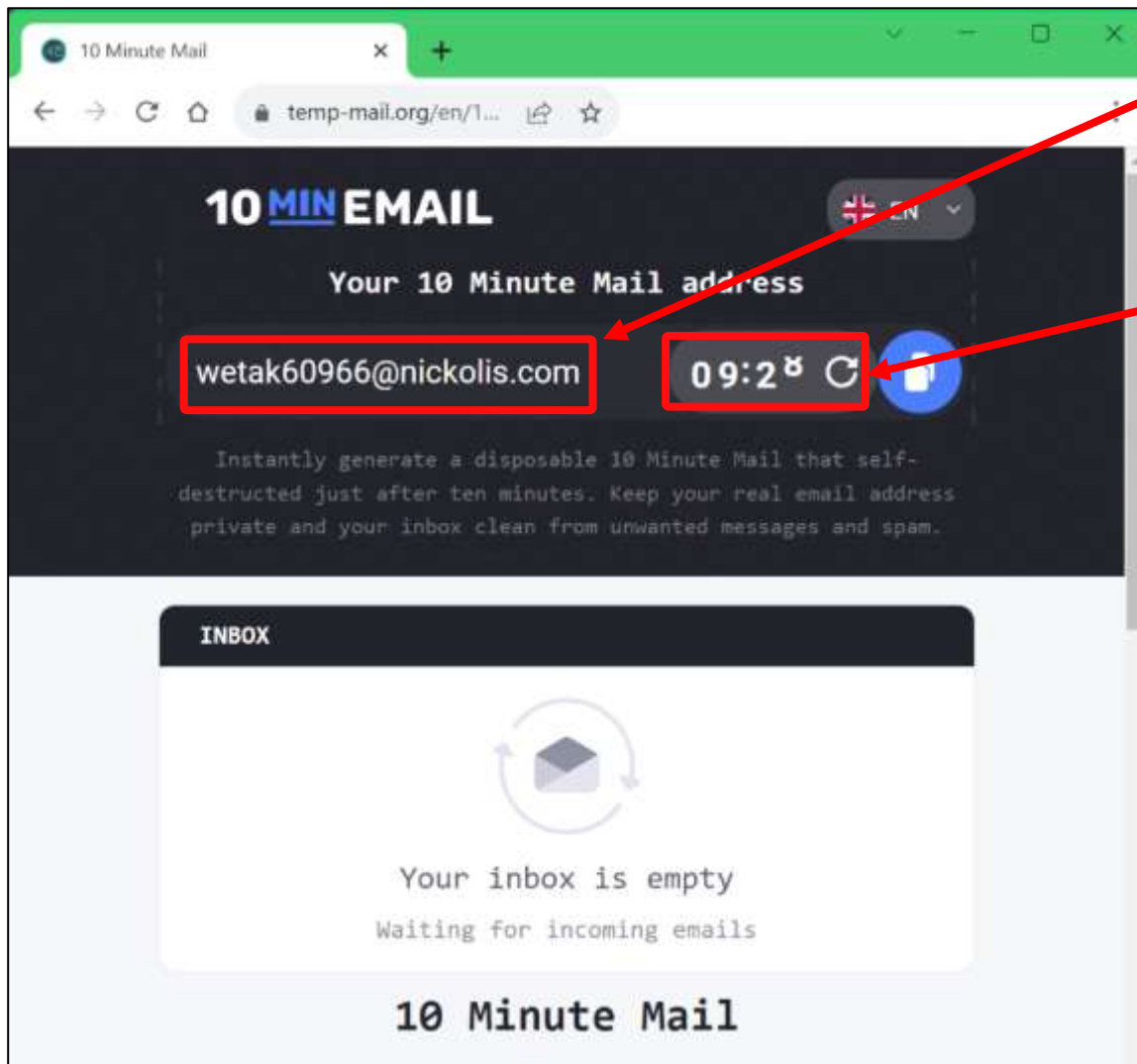


Share

10-minute addresses

<https://temp-mail.org/en/10minutemail>

- If you *really* want an email address to be temporary



New email address generated

Count-down timer starts

Address invalidated after 10 mins

- new temp address generated

Share

Aside...bad English

- I am concerned when an English website can't speak English
 - *Recently, I found a bounce rate complex than usual on my latest email blast!*
 - *The fake email address is simply a through-away email, temporary email set and self-destructs email.*
- It may not indicate *anything*
- It *is* a free service...

Share

National Capital Freenet

NCF has a **much** better system for disposable addresses



SERVICES

ABOUT US

TAKE ACTION

HELP

STARTPAGE

EMAIL (3)

YELLOWMAIL (0)

PREFERENCES

GROUPS

Thu, September 07 - Ottawa: Mostly Cloudy, 21.9°C

Welcome Chris (Member ID: fs180)

Q What can we help you?

SEARCH

ADD/CHANGE

Prior messages

Email

NCF WebMail **3 unread** 0% full

YellowMail **0**

YellowMail Preferences

Disposable Email Addresses

Create an Email Alias

Account

Preferences

Change Your Password

Renew Your Account

Make a Payment

Update Payment Information

Payment and Donation History

Notification History

My Web Links

Old StartPage

City of Ottawa

OC Transpo

Ottawa Public Library

Headlines from CBC

Ottawa

Some students sweating out heatwave in sweltering schools

Blackburn Hamlet chosen for on-demand transit pilot

On StartPage

<https://www.ncf.ca>

Share

NCF disposable addresses

Choose username prefix & optional description

- leave prefix blank for random prefix

Generate alias

Delete any disposable address no longer needed

Disposable Email Aliases

Disposable email addresses are ideal for maintaining privacy, or when you are required to provide an email address, but don't wish to provide your real email address for fear of receiving spam.

CREATE DISPOSABLE ADDRESS

Prefix

SamSpadeCanada

Enter your choice of prefix or leave blank for a random prefix.

Description

Coupons at FreeStuff.org

Optional description to identify what you are using this alias for.

CREATE
ALIAS

Your Aliases

Address	Description	Created	Actions
SamSpadeCanada.bpu9z@ncf.ca	Coupons at FreeStuff.org	2023-09-08 09:30	Delete
CJTaylor-D1.bpu9z@ncf.ca	Newsletter at spammers-r-us.com	2023-09-08 09:23	Delete

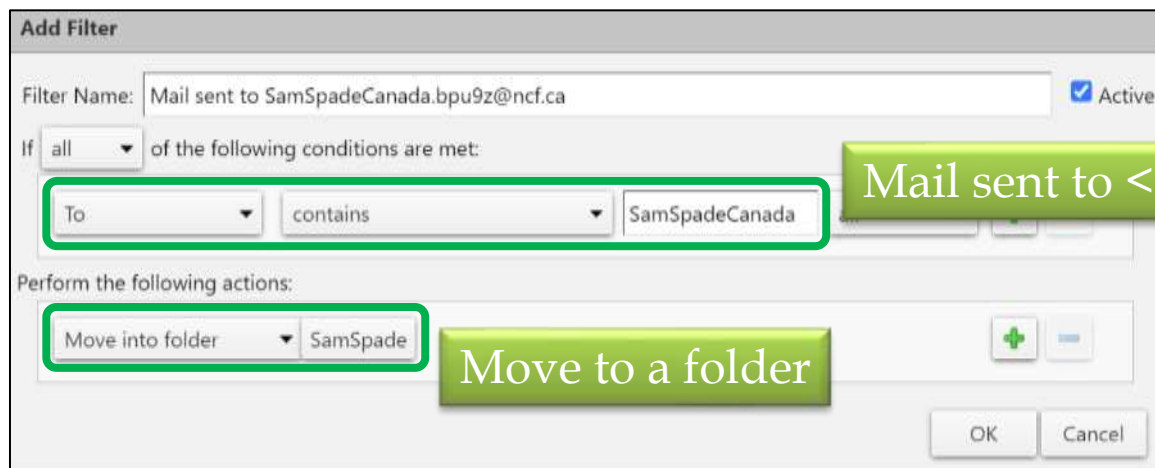
SamSpadeCanada.bpu9z@ncf.ca



Email sent to a disposable address

- received in main NCF mailbox

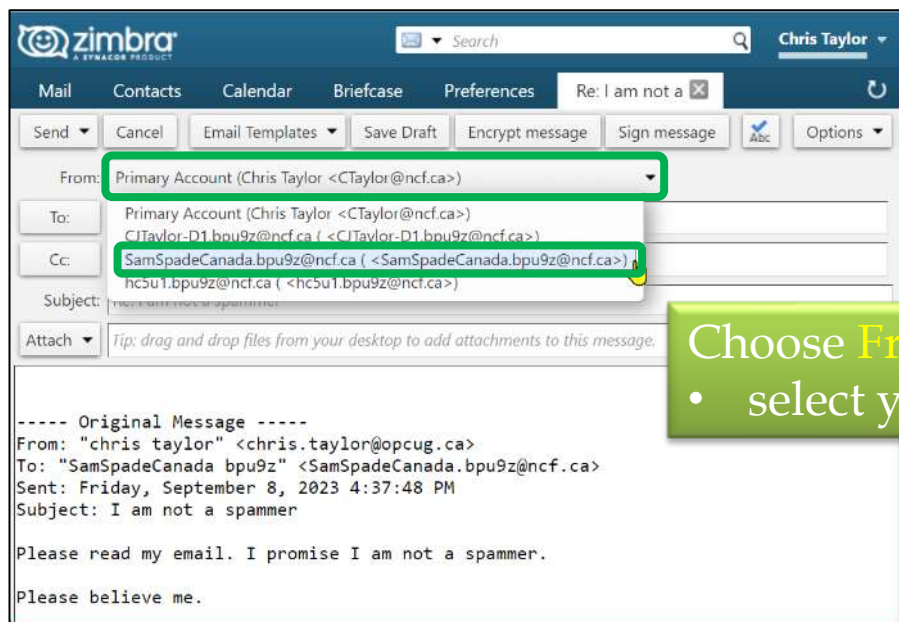
To: shows disposable address



Create a filter!

Mail sent to <disposable address>

Move to a folder



Replying to email sent to disposable address

- you don't want reply to come from your regular address!

Choose From: drop-down

- select your disposable address

Share

What's great about NCF method

- Mail sent to disposable address
 - delivered to regular mailbox
 - identifiable by who email is addressed **To:**
 - can be moved by rules
 - even more identifiable & kept out of your face
 - can be replied to using the disposable address as the **From:**
 - ensuring you don't expose your real email address
- Get rid of disposable addresses quickly & easily
 - if you no longer want to receive emails to that address
- Or keep them forever if you want
- As many disposable addresses as you want
- Service won't disappear!
- Might be great \$15/year investment
 - *recommended donation for membership w/email*



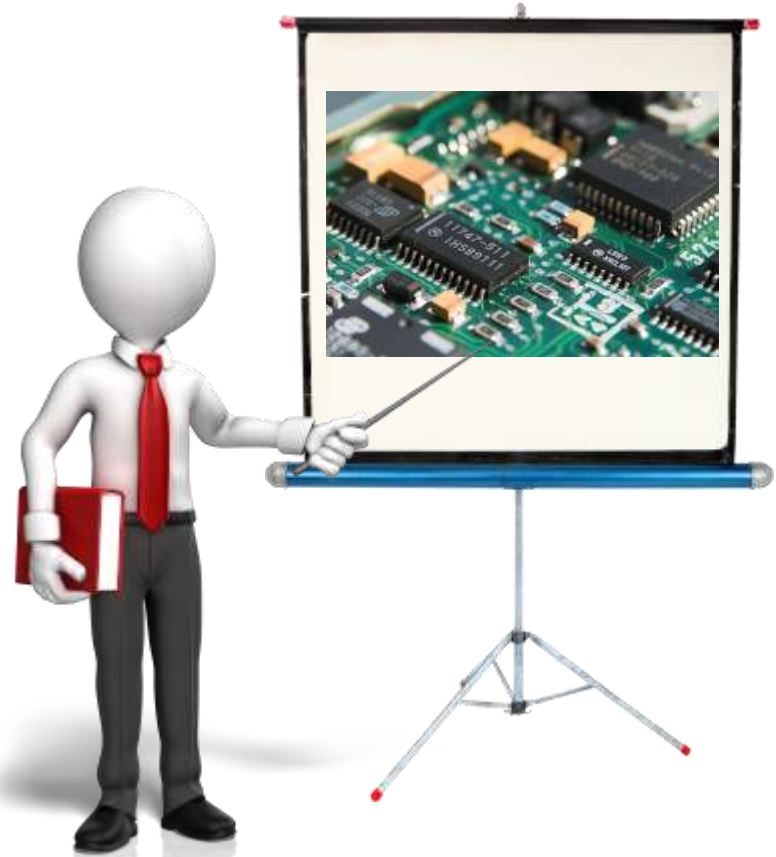


**Any other:
Questions
Comments
Shares?**

What do you need to know about computer hardware, operating systems, applications...?

Let us know by sending your question to:

SuggestionBox@opcug.ca



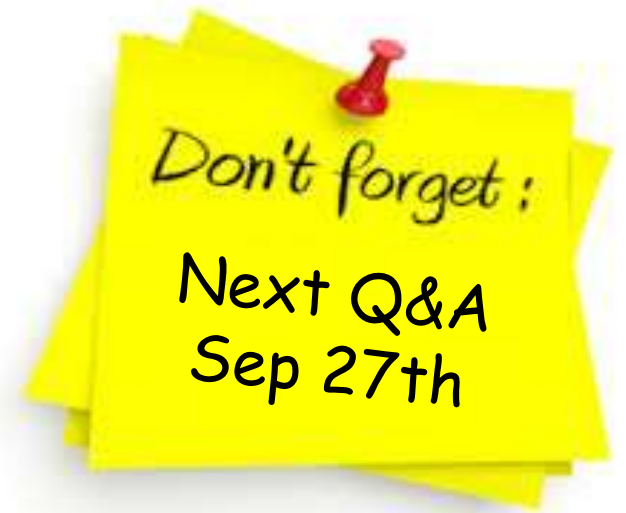


**Have the desire
to be an author?**

The Editor of
Ottawa PC News
would like to
hear from you...

All computer-related articles welcome!

brigitte lord@opcug.ca



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

SuggestionBox@opcug.ca