



Alan German & Chris Taylor

Ottawa PC Users' Group

December 6, 2023

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Ventoy – Multi-boot USB



Ventoy

A New Bootable USB Solution

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News

2023/10/06 --- New release [ventoy-1.0.96](#) [more ...](#)

What is Ventoy

Ventoy is an open source tool to create bootable USB drive for ISO/WIM/IMG/VHD(x)/EFI files.

With ventoy, you don't need to format the disk over and over, you just need to copy the ISO/WIM/IMG/VHD(x)/EFI files to the USB drive and boot them directly.

You can copy many files at a time and ventoy will give you a boot menu to select them ([screenshot](#)).

DONATE



<https://www.ventoy.net>

- Create multi-boot USB's
- Sources include:
 - ISO, WIM, IMG, VHD
- Boot menu selection
- OS support includes:
 - Windows, Linux, ChromeOS, VMware
- Open source





Ventoy

A New Bootable USB Solution

[Main page](#)[Screenshot](#)[Downloads](#)[Document](#)[Tested ISO](#)[Experience Sharing](#)[Plugin](#)[FAQ](#)[Forums](#)[Donation](#)[中文](#)

Binary

File	SHA-256	Released	Size
ventoy-1.0.96-windows.zip	c37d333bc630076679172cf1934290c3c7c80340a9719369b96628edbdc724b	2023-10-06	15 MB
ventoy-1.0.96-linux.tar.gz	794a717c9434bb76e90174d408a94c3bf562c0a701239f5814a277c46cd275c8	2023-10-06	19 MB
ventoy-1.0.96-livecd.iso	9e1d266497456b9015d231789958f7c4ea1f54f369a41edf11eb3d61c57e29b3	2023-10-06	186 MB

[History Release ...](#)

Notes:

This website is underprovisioned, so please download ventoy in the follows: (**remember to check the SHA-256 hash**)

1. <https://sourceforge.net/projects/ventoy/files>

DataDisk (D:) > original > ventoy-1.0.96

Name	Date modified	Size
 altexe	2023-12-02 3:50 PM	
 boot	2023-12-02 3:50 PM	
 plugin	2023-12-02 3:50 PM	
 ventoy	2023-12-02 3:50 PM	
 FOR_X64_ARM.txt	2023-12-02 3:50 PM	1 KB
 log.txt	2023-12-02 3:57 PM	40 KB
 Ventoy2Disk.exe	2023-12-02 3:50 PM	590 KB
 Ventoy2Disk.ini	2023-12-02 3:58 PM	1 KB
 VentoyPlugson.exe	2023-12-02 3:50 PM	364 KB
 VentoyVlnk.exe	2023-12-02 3:50 PM	148 KB

Ventoy2Disk X86

Option Language

Device

E: [8GB] Lexar USB Flash Drive



Ventoy In Package



1.0.96

exFAT
MBR

Ventoy In Device

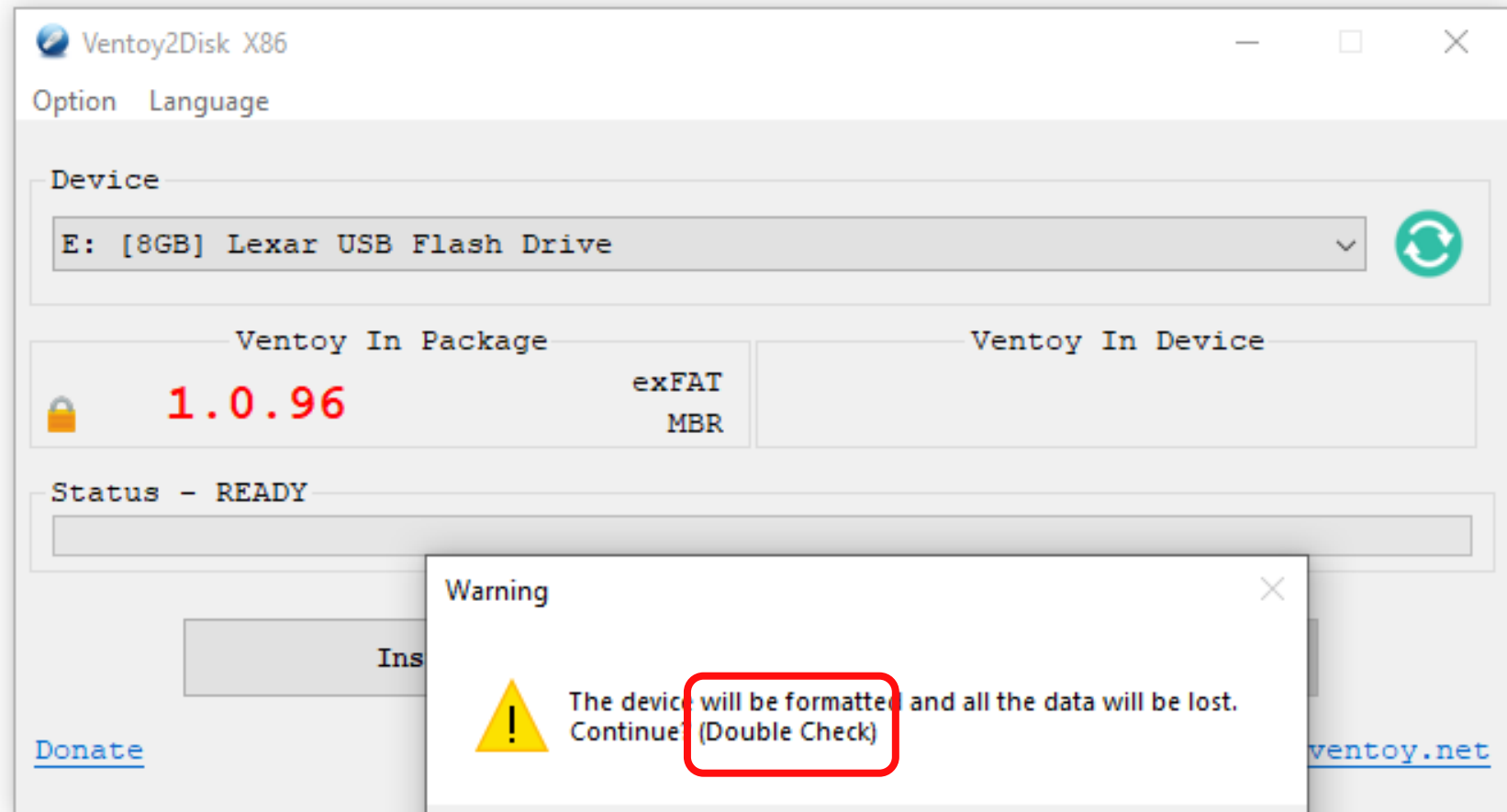
Status - READY

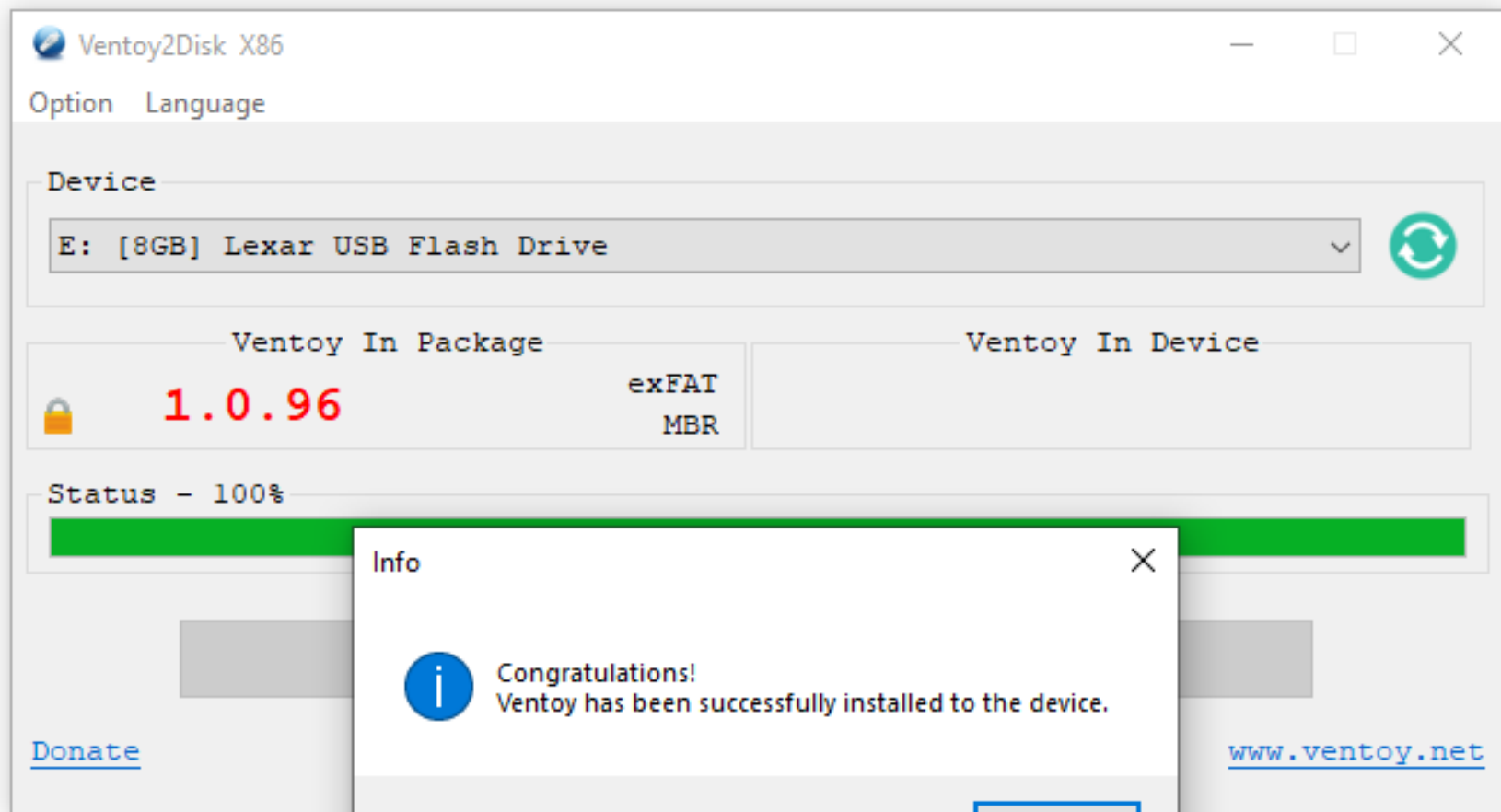
Install

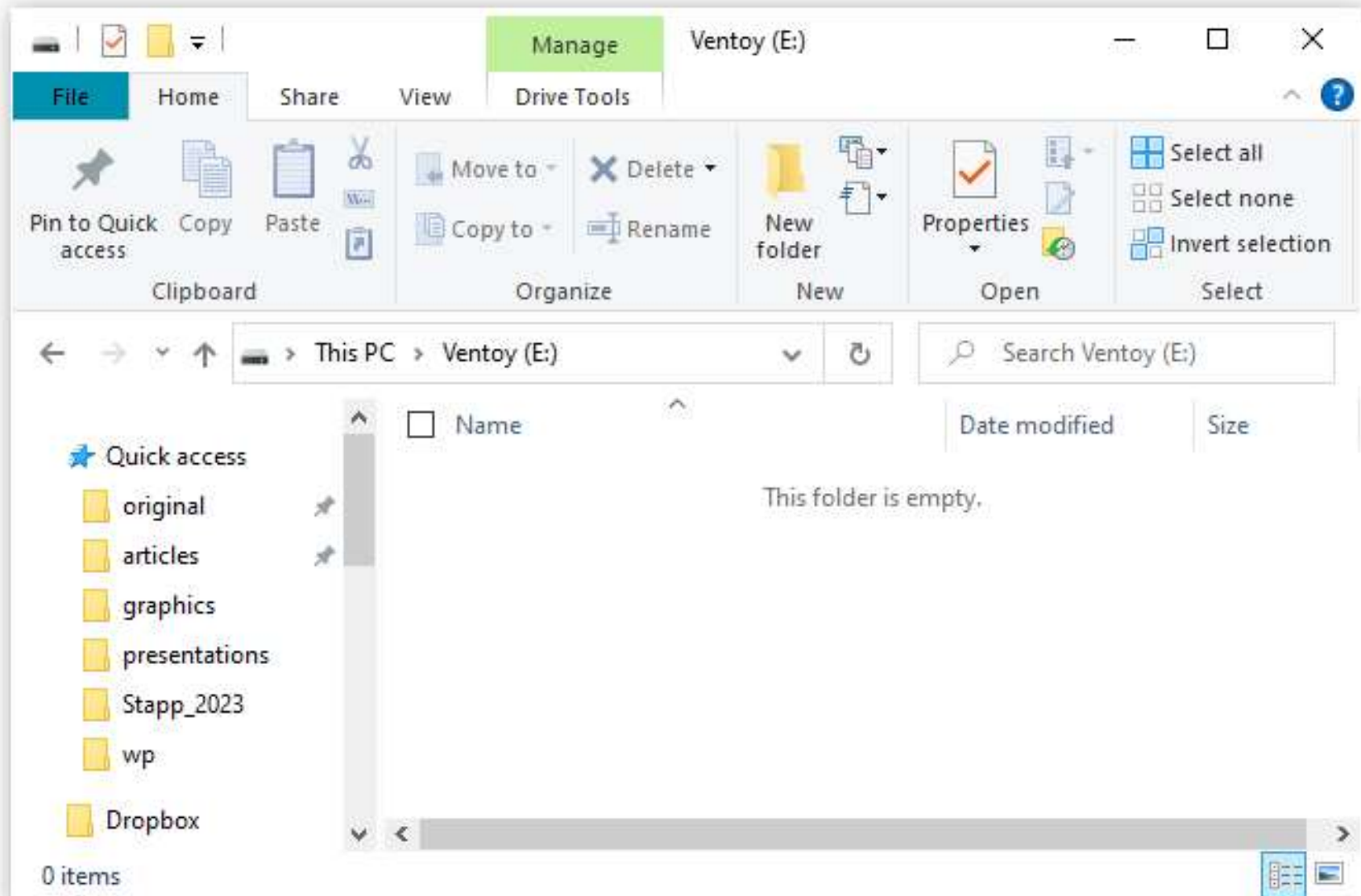
Update

[Donate](#)

www.ventoy.net









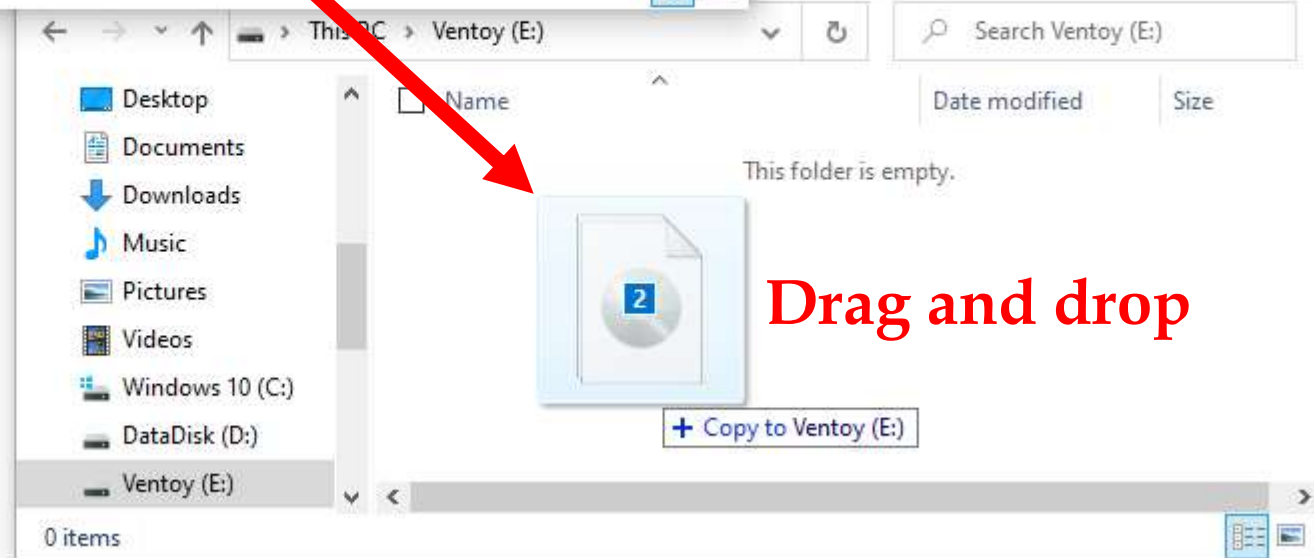
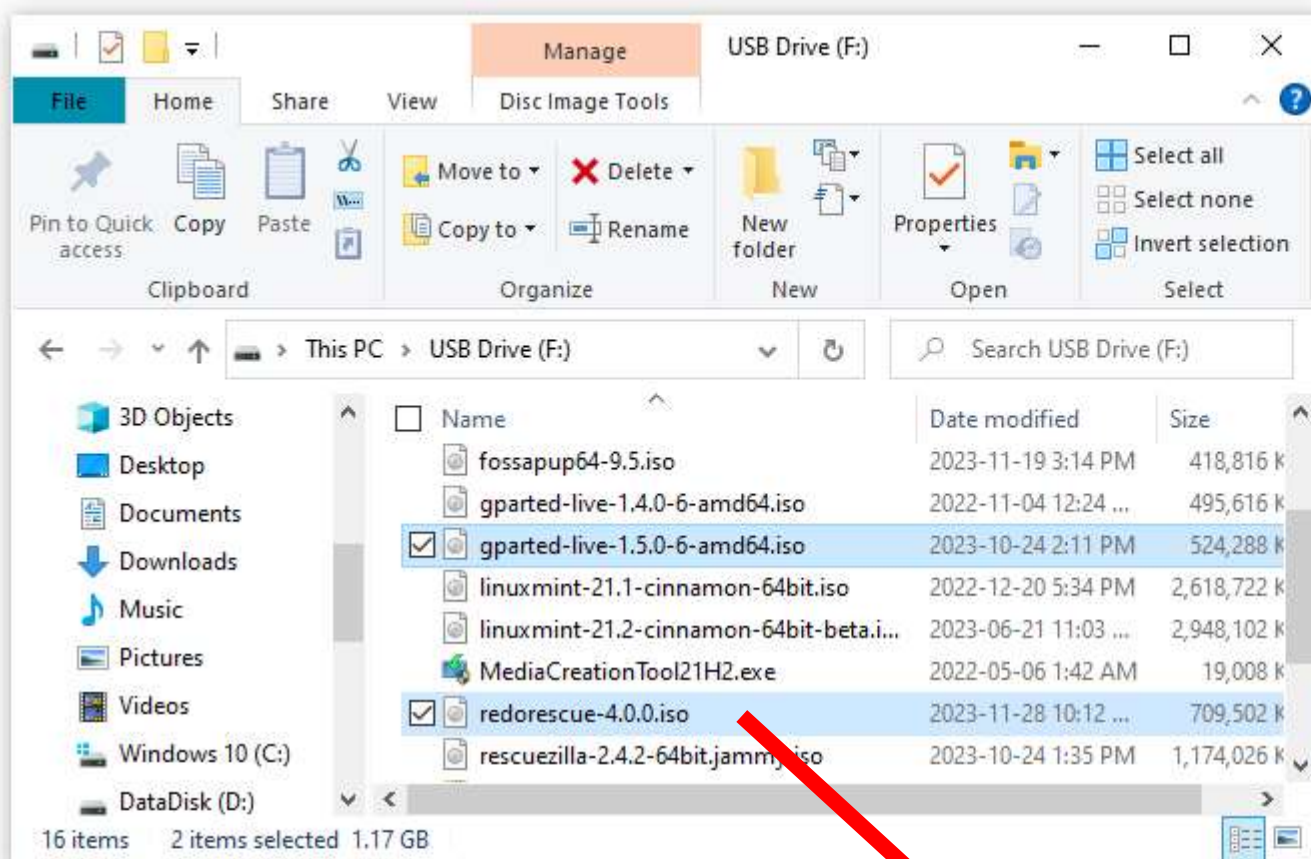
Copy Image files

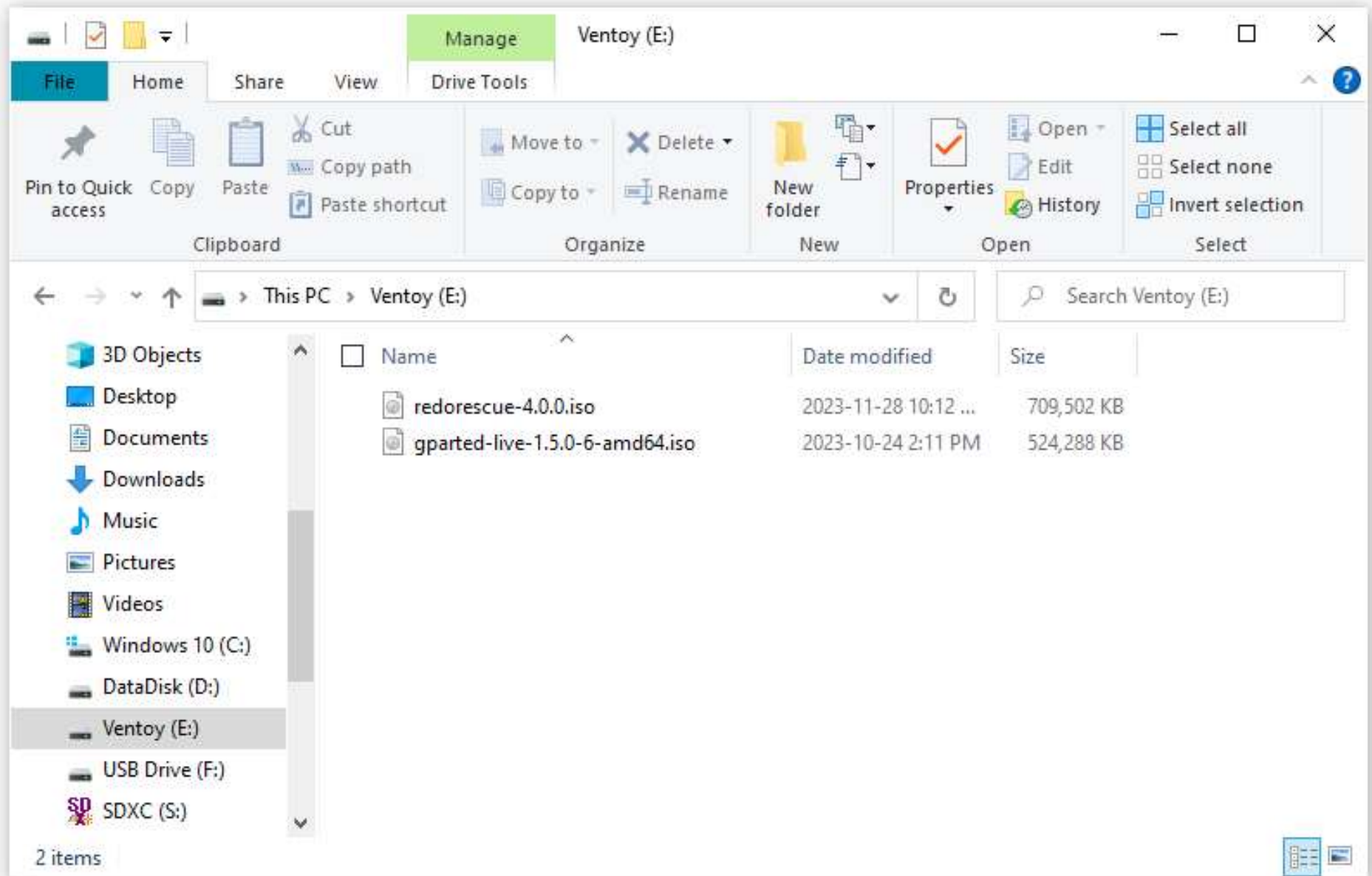
After the installation is complete, the USB drive will be divided into 2 partitions.

The 1st partition was formatted with exFAT filesystem

You just need to copy iso files to this partition.

You can place the iso/wim/img/vhd(x) files anywhere.





Ventoy

gparted-live-1.5.0-6-amd64.iso

redorescue-4.0.0.iso

1:0:96 UEFI www.ventoy.net L:Language F1:Help F2:Browse F3:TreeView F4:Localboot F5:Tools F6:ExMenu

Disk Management

File Action View Help



Volume	Layout	Type	File System	Status	Capacity	Free Spa...	% Free
(S:)	Simple	Basic	exFAT	Healthy (P...	57.92 GB	51.20 GB	88 %
(Disk 0 partition 1)	Simple	Basic		Healthy (E...	500 MB	500 MB	100 %
(Disk 0 partition 2)	Simple	Basic		Healthy (...)	40 MB	40 MB	100 %
(Disk 0 partition 4)	Simple	Basic		Healthy (R...	2.00 GB	2.00 GB	100 %
(Disk 0 partition 6)	Simple	Basic		Healthy (R...	529 MB	529 MB	100 %
(Disk 0 partition 8)	Simple	Basic		Healthy (R...	11.18 GB	11.18 GB	100 %
(Disk 0 partition 9)	Simple	Basic		Healthy (P...	58.67 GB	58.67 GB	100 %
(Disk 0 partition 10)	Simple	Basic		Healthy (P...	3.83 GB	3.83 GB	100 %
DataDisk (D:)	Simple	Basic	NTFS	Healthy (B...	16.66 GB	10.24 GB	61 %
Ventoy (E:)	Simple	Basic	exFAT	Healthy (A...	7.44 GB	6.26 GB	84 %
VTOYEFI	Simple	Basic	FAT	Healthy (E...	32 MB	5 MB	16 %
Windows 10 (C:)	Simple	Basic	NTFS	Healthy (B...	139.38 GB	5.03 GB	4 %

Disk 1
Removable
7.47 GB
Online

Ventoy (E:)
7.44 GB exFAT
Healthy (Active, Primary Partition)

VTOYEFI
32 MB FAT
Healthy (EFI System I

Disk 2
Removable
57.95 GB
Online

16 MB
Unallocated

(S:)
57.94 GB exFAT
Healthy (Primary Partition)

Unallocated Primary partition

Ventoy

en_windows_7_pro_x64_dvd_x15-65805.iso

cn_windows_10_enterprise_x64.iso

CentOS-8.2.2004-x86_64-minimal.iso

cloudready-free-92.3.4-64bit.img

deepin-desktop-community-20.2.4-amd64.iso

FreeBSD-13.0-RELEASE-amd64-disc1.iso

synoboot-v1.02b.img

ubuntu-21.10-desktop-amd64.iso

VMware-VMvisor-Installer-7.0.0-15843807.x86_64.iso

WinPE10_8_Sergei_Strelec_x86_x64_2021.07.21_English.iso

This ISO file contains USB and network drivers and third-part software.

Windows 11 Quick Start Guide For Windows 11 Luddites*

**A tongue in cheek guide to
transitioning to Windows 11 for
those who don't really want to**

Bob Walker

*** - Luddite: Someone who is opposed or resistant to
new technologies or technological change.**

Windows 11 has had a somewhat mixed reception in the IT world. For every article, expert and pundit that advises upgrading to Windows 11, there is at least one other one that advises sticking with Windows 10 at least for the time being, maybe until Microsoft fixes some of the issues with 11, or until the upcoming release of Windows 12 (tentatively set for some time in 2024).

Microsoft seems to be following its merry old tradition of disappointing us with every second release of Windows.

- Windows XP - ✓
- Windows Vista – ✗
- Windows 7 – ✓
- Windows 8 – ✗
- Windows 10 – ✓
- Windows 11 – ✗
- Windows 12 - ?



So should I or shouldn't I upgrade: Here are both sides of the story

Should you upgrade to Windows 11? It's complicated
<https://www.computerworld.com/article/3704812/should-you-upgrade-to-windows-11.html>

10 Big Reasons Not to Upgrade to Windows 11
<https://www.pcmag.com/news/10-reasons-not-to-upgrade-to-windows-11>

Windows 11 vs. Windows 10: Finally time to upgrade?
<https://www.digitaltrends.com/computing/windows-11-vs-windows-10>

4 reasons you'd want to stay on Windows 10 in 2023
<https://www.xda-developers.com/4-reasons-stay-on-windows-10-in-2023>

The biggest reason NOT to upgrade to Windows 11 is that your existing computer doesn't meet the technical specifications required, especially the requirement for a Trusted Platform Module (TPM).

The biggest reason for the average user to upgrade to Windows 11 is that now you have a spanking new computer that came with Windows 11, and it just doesn't make sense to downgrade to your good old familiar Windows 10.

That said, if you have a new computer but aren't exactly overflowing with enthusiasm for Windows 11 (*"Can I make it like Windows 10 until Windows 12 comes out?"*), then this series is for you.

Several experts have commented that many of the differences between Windows 10 and Windows 11 were not actually improvements, but were made *'just to be different'*. If a change isn't an improvement, then is it actually a diminishment?

One of the biggest criticisms Microsoft has faced with Win 11 is that in the original release they severely limited the freedom users had with Windows 10 to customize their user interface. Although subsequent minor and major updates to Win 11 have given the users some customizability back, it is not (yet) possible to make Win 11 *exactly* like Win 10, at least not without using third party apps, but let's see what's possible.

Some Sources of Info

7 Ways to Make Windows 11 Look Like Windows 10

<https://www.lifewire.com/make-windows-11-like-windows-10-7374049>

How to make Windows 11 look like Windows 10

<https://www.pcworld.com/article/541452/make-windows-11-look-like-windows-10.html>

Make Windows 11 Look Like Windows 10

<https://www.youtube.com/watch?v=4PTq5M9QKH0>

Turn Windows 11 into Windows 10

<https://www.youtube.com/watch?v=eeKLzxxxJ0w>

Make Windows 11 Look and Feel More Like Windows 10

https://www.youtube.com/watch?v=iBGB_B9JHAU

How to Make Windows 11 Look and Feel Like Windows 10

<https://www.tomshardware.com/how-to/windows-11-look-like-windows-10>

Some More Sources of Info

How to make Windows 11 look like Windows 10 in 2 minutes

<https://www.elevenforum.com/t/how-to-make-windows-11-look-like-windows-10-in-2-minutes.15518/>

How to Make Windows 11 Look Like Windows 10

<https://www.wikihow.com/Make-Windows-11-Look-Like-Windows-10>

How to make Windows 11 more like Windows 10

<https://www.techrepublic.com/article/how-to-make-windows-11-more-like-windows-10/>

Hate Windows 11? Here's how to make it work more like Windows 10

<https://www.zdnet.com/article/hate-windows-11-heres-how-to-make-it-work-more-like-windows-10/>

How to Revert the Windows 11 Taskbar to Windows 10 Style

<https://www.businessinsider.com/guides/tech/windows-11-revert-to-windows-10-taskbar>

Don't Love Windows 11? These Settings Make It More Like Windows 10

<https://www.cnet.com/tech/services-and-software/dont-love-windows-11-these-settings-make-it-more-like-windows-10/>

You can see there is no shortage of advice online for making Windows 11 as much like Windows 10 as possible, and the preceding list was just the tip of the iceberg.

However, this is a continuously moving target as Microsoft keeps making minor and major adjustments to Windows 11, and so some of the suggested tips may no longer apply.

This series will have some tips on setting up a computer that came with Windows 11.

And some of you may have solutions that I haven't found yet to some of the issues.

I am NOT a Windows 11 expert!

Far from it, which is why I decided to do this mini-series of presentations for those people that may be in the same boat as me to make the transition easier, and so they won't make the same mistakes I did.

Please feel free to chip in with your own solutions in the coming episodes.

After all, OPCUG is about 'Users Helping Users'

OPCUG



Users helping users
for over 40 years

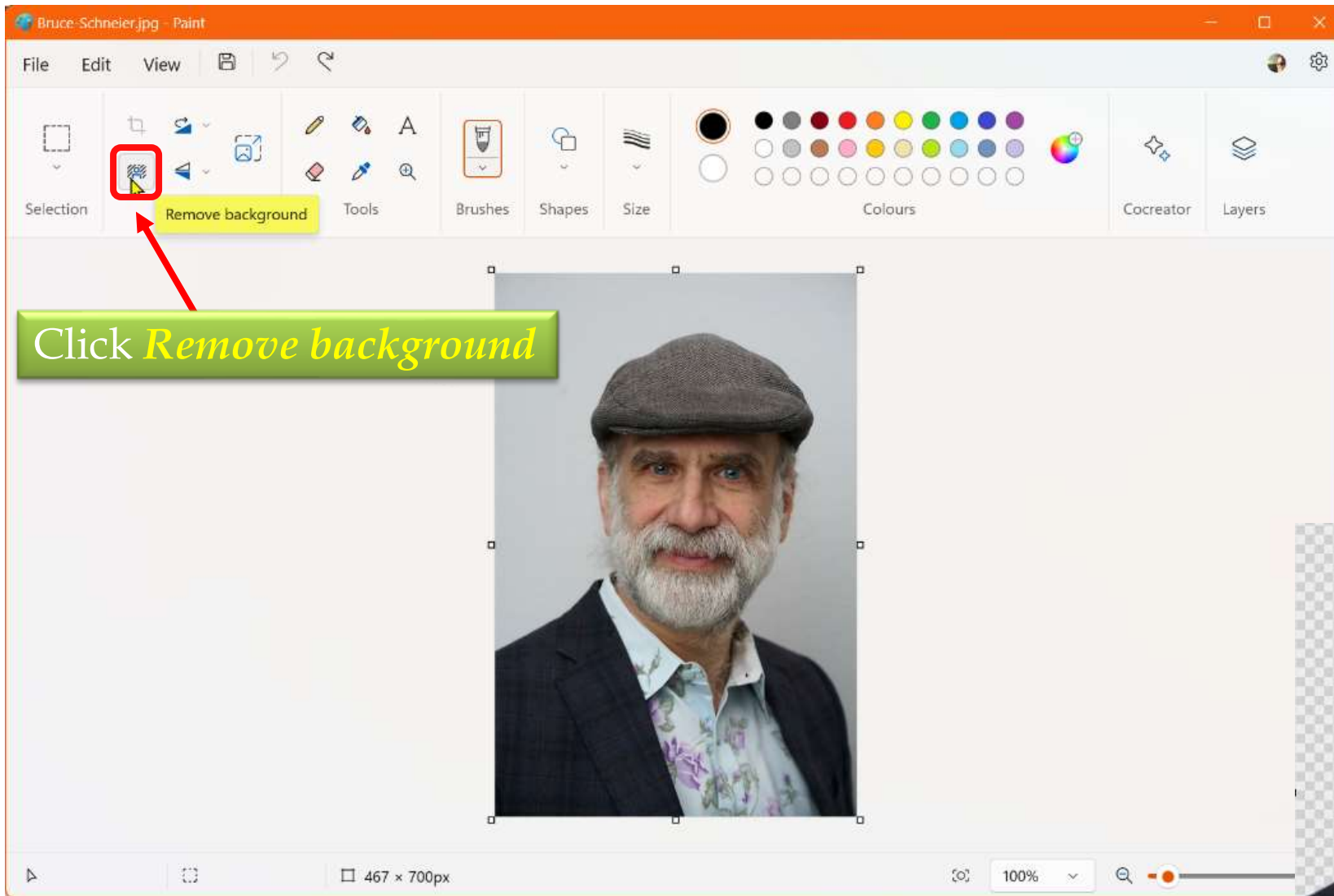
Share

Image background removal

- Update to *Paint* app in Windows 11 23H2
 - official release 2023-10-31
- New *Remove background* feature

Share

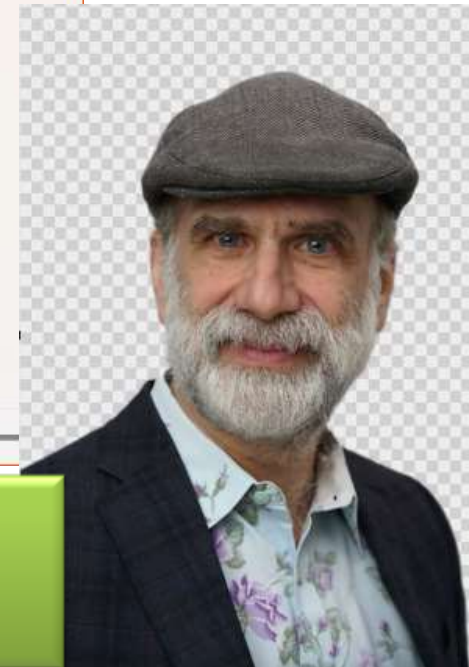
Easy to use



Click *Remove background*

Removed areas show as checkerboard

- *Save as...* PNG file
- PNG supports transparent backgrounds



Share

Why background removal?

Original image to be used as part of a page



Without background removed

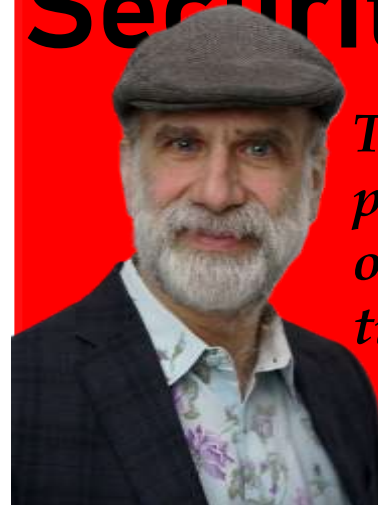
Bruce Schneier
Security guru

*The user's going to
pick dancing pigs
over security every
time*

With background removed

Bruce Schneier
Security guru

*The user's going to
pick dancing pigs
over security every
time*



Share

Paint – a blunt instrument

- You cannot refine what is considered *background*
- Does a very good job with simple backgrounds
 - not so much with more complex backgrounds
- Is there a better tool?
- PhotoScape X (free version includes *Cut Out* feature)
 - can refine areas to be removed or kept
 - *Magic Eraser* with tolerance control
 - looks for areas of similar colour / luminance
 - *Brush* (in or out)
 - for areas not treated well by Magic Eraser
 - control shape and size of brush

Share

More complex background

What's the background?



Paint's background removal



PhotoScape X's background removal



Share

Want a demo?

- Our resident **PhotoScape** e**X**pert – Lynda
- Background removal using PhotoScape X
 - show how easy it can be
 - show how it can do a much more refined job
 - show how it can be quick enough
 - but more than a single click!
- Let us know if you are interested in a demo at a future Q&A



Share

Loonie Bits



- Highlighting Canadian sites with information of interest to Canadian consumers
- Can you help fulfill our motto *Users helping users?*
 - do you know of Canadian sites with interesting info?
 - you could speak to the items or just submit the info for inclusion at a future Q&A

This week, we have another of
Tom's Loonie Links...



dottotech



- Steve Dotto is based in Vancouver
- In the 2000's he produced a TV show
- Now, he has a YouTube channel and a website
- He gives regular presentations and webinars on using common programs
- He has made 1000+ videos!



<https://www.youtube.com/user/dottotech>



Content Creation and Productivity Tutorials

by Steve Dotto

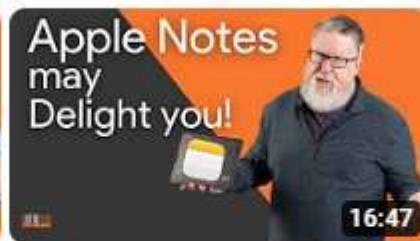
Featured Videos



Camtasia 2022 - New Features, New Abilities! 😊

dottotech ✓

42K views • 1 year ago



Why Apple Notes may be the best note taking app

dottotech ✓

414K views • 1 year ago



Planning Multi-Stop Routes with Google Maps

dottotech ✓

111K views • 1 year ago

Zoom Video Conferencing



Zoom Basics - Using Zoom for Classes and Meetings

dottotech ✓

708K views • 3 years ago

CC



Zoom Tutorial: Audio and Video Setup

dottotech ✓

173K views • 3 years ago

CC



Zoom Video Effects - Green Screen and Background...

dottotech ✓

474K views • 3 years ago

CC

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<https://dottotech.com>

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SmartApps

- Useful apps for Android smartphones and tablets
- What are your favourites?



SuggestionBox@opcug.ca

Can also be a program for the PC

Share

FairStars CD Ripper



http://www.fairstars.com/cd_ripper/

Is ripping CD's illegal?

Copyright Act of Canada

“It is not an infringement of copyright for an individual to reproduce a work or other subject-matter...”

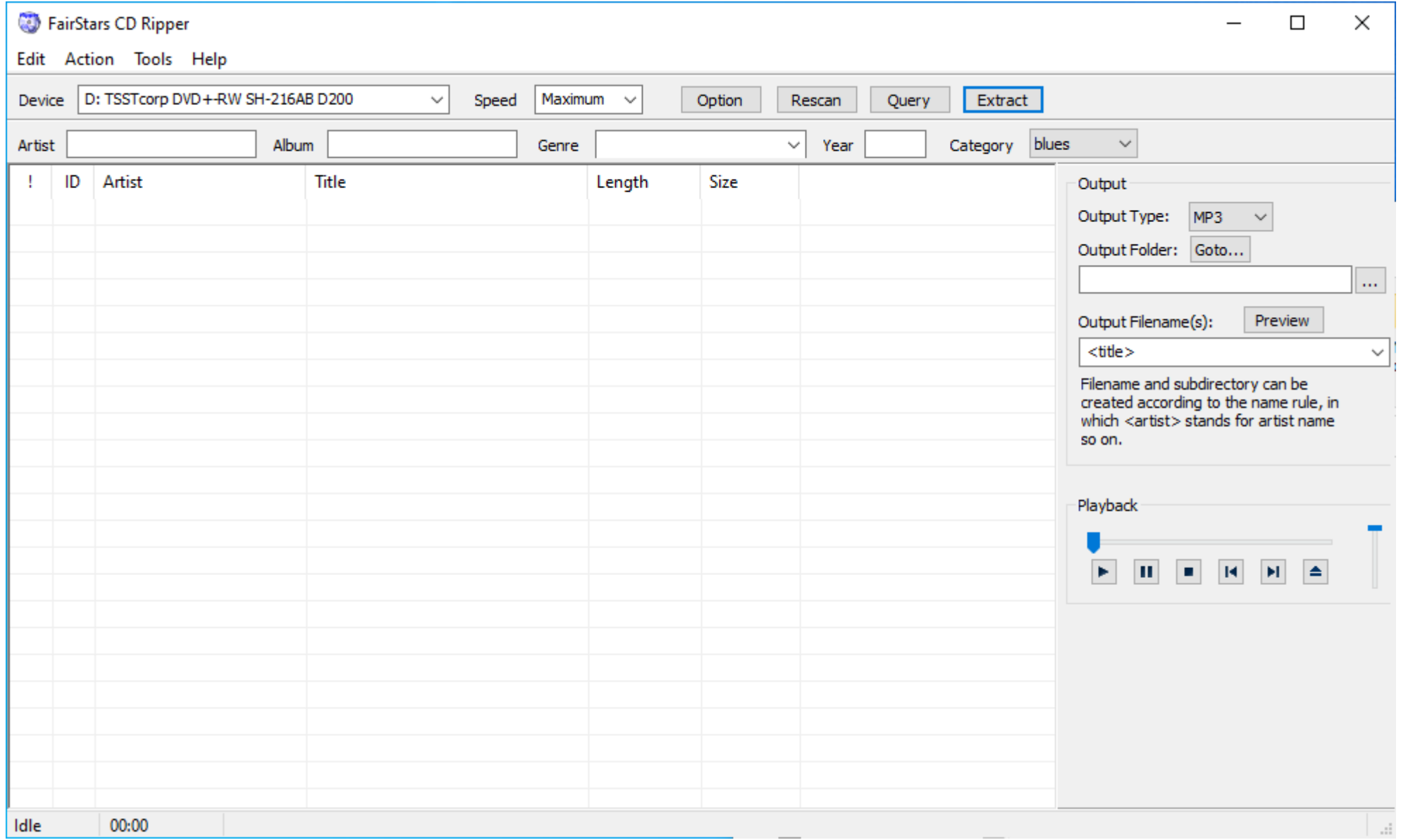
Caveats:

- the work is owned by the individual
- no protection measures were broken
- the reproduction is not distributed
- personal use only

<https://laws-lois.justice.gc.ca/eng/acts/C-42/>

- Easy-to-use user-friendly interface
- Rip to WMA, MP3, OGG, VQF, FLAC, APE and WAV on-the-fly
- Supports automatic volume adjustment (normalization) during ripping
- Supports ID3 tags
- Query disk information from freedb (the Internet Compact Disc Database)
- Audio playback controls





FairStars CD Ripper

Edit

Action

Tools

Help

Device

D: TSSTcorp DVD+RW SH-216AB D200

Speed

Maximum

Option

Rescan

Query

Extract

Artist

Album

Genre

Year

Category

blues

!	ID	Artist	Title	Length	Size	
☒	01		Track 01	03:12	32.45MB	
☒	02		Track 02	03:05	31.26MB	
☒	03		Track 03	03:09	31.87MB	
☒	04		Track 04	03:24	34.33MB	
☒	05		Track 05	02:51	28.82MB	
☒	06		Track 06	02:48	28.28MB	
☒	07		Track 07	03:09	31.94MB	
☒	08		Track 08	02:57	29.92MB	
☒	09		Track 09	02:56	29.63MB	
☒	10		Track 10	02:58	30.08MB	
☒	11		Track 11	03:20	33.76MB	
☒	12		Track 12	02:36	26.29MB	
☒	13		Track 13	02:31	25.44MB	
☒	14		Track 14	03:07	31.56MB	
☒	15		Track 15	02:56	29.77MB	
☒	16		Track 16	03:13	32.55MB	
☒	17		Track 17	03:18	33.33MB	
☒	18		Track 18	03:05	31.28MB	
☒	19		Track 19	02:52	29.09MB	

Output

Output Type:

MP3

Output Folder:

Goto...

Output Filename(s):

Preview

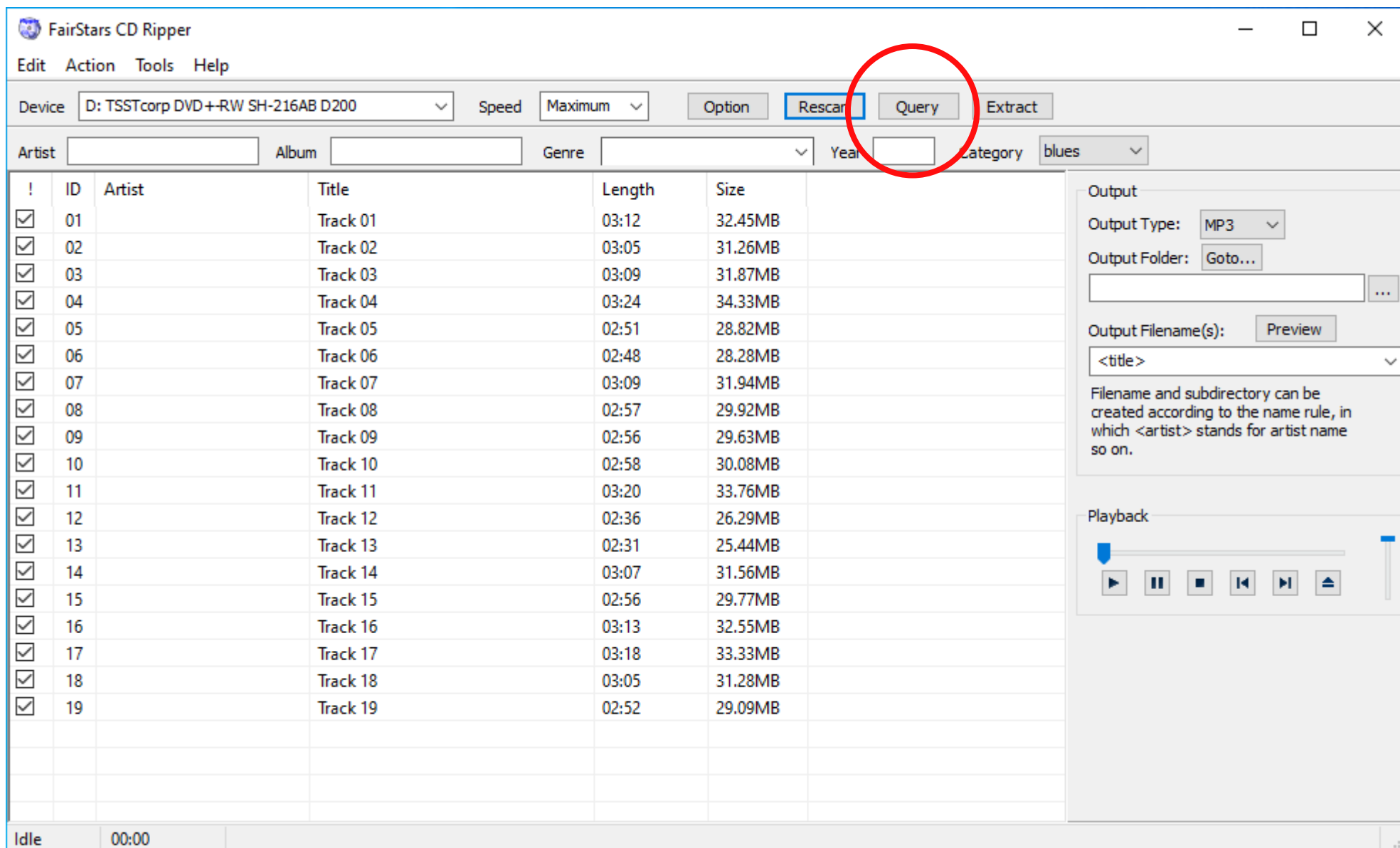
<title>

Filename and subdirectory can be created according to the name rule, in which <artist> stands for artist name so on.

Playback

Idle

00:00



FairStars CD Ripper

EditActionToolsHelp

DeviceD: TSSTcorp DVD+RW SH-216AB D200SpeedMaximumOptionRescanQueryExtract

ArtistAlbumGenreYearCategoryblues

!	ID	Artist	Title	Length	Size
☒	01		Track 01	03:12	32.45MB
☒	02		Track 02	03:05	31.26MB
☒	03		Track 03		
☒	04		Track 04		
☒	05		Track 05		
☒	06		Track 06		
☒	07		Track 07		
☒	08		Track 08		
☒	09		Track 09		
☒	10		Track 10		
☒	11		Track 11		
☒	12		Track 12		
☒	13		Track 13		
☒	14		Track 14		
☒	15		Track 15		
☒	16		Track 16	03:13	32.55MB
☒	17		Track 17	03:18	33.33MB
☒	18		Track 18	03:05	31.28MB
☒	19		Track 19	02:52	29.09MB

Idle00:00

Querying Freedb

Get CD Information
+-----+
xmcd CD database file

Track frame offsets:
150
14617
28555
42765
58072
70922
83530

Completed!OKCancel

Output

Output Type:MP3

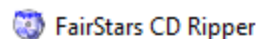
Output Folder:Goto...

Output Filename(s):Preview

<title>

Filename and subdirectory can be created according to the name rule, in which <artist> stands for artist name so on.

Playback



Edit Action Tools Help

Device D: TSSTcorp DVD+-RW SH-216AB D200

Speed Maximum ▾

Option

Rescan

Query

Extract

Artist	Billie Holiday
--------	----------------

Album	Greatest Hits
-------	---------------

Genre

Jazz

Year

Category

blues

!	ID	Artist	Title	Length	Size	
☒	01		Easy Living	03:12	32.45MB	
☒	02		What Is This Thing Called Love?	03:05	31.26MB	
☒	03		Solitude	03:09	31.87MB	
☒	04		You're My Thrill	03:24	34.33MB	
☒	05		Them There Eyes	02:51	28.82MB	
☒	06		No More	02:48	28.28MB	
☒	07		God Bless the Child	03:09	31.94MB	
☒	08		My Man (Mon Homme)	02:57	29.92MB	
☒	09		Don't Explain	02:56	29.63MB	
☒	10		There Is No Greater Love	02:58	30.08MB	
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☒	15		I Loves You Porgy (from Porgy & ...	02:56	29.77MB	
☒	16		Guilty	03:13	32.55MB	
☒	17		Lover Man (Oh, Where Can You B...	03:18	33.33MB	
☒	18		Crazy He Calls Me	03:05	31.28MB	
☒	19		That Ole Devil Called Love	02:52	29.09MB	

Output

Output Type: MP3

Output Folder: [Goto...](#)

Output Filename(s):

Preview

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Playback



Idle	00:00
------	-------

FairStars CD Ripper

Edit

Action

Tools

Help

Device

D: TSSTcorp DVD+RW SH-216AB D200

Speed

Maximum

Option

Rescan

Query

Extract

Artist

Billie Holiday

Album

Greatest Hits

Genre

Jazz

Year

1995

Category

blues

!	ID	Artist	Title	Length	Size
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☒	09		Don't Explain		
☒	10		There Is No Great		
☒	11		T'ain't Nobody's		
☒	12		You Better Go No		
☒	13		Big Stuff		
☒	14		Good Morning, H		
☒	15		I Loves You Porg		
☒	16		Guilty		
☒	17		Lover Man (Oh, V		
☒	18		Crazy He Calls M		
☒	19		That Ole Devil C		

Output

Output Type:MP3

Output Folder:Goto...G:\Billie Holiday Greatest Hits

Output Filename(s):Preview<title>

Filename and subdirectory can be created according to the name rule, in which <artist> stands for artist name so on.

Playback

Idle00:00

Extracting...

From:07 - God Bless the Child

To:G:\Billie Holiday Greatest Hits\God Bless the Child.mp3

Extraction Progress

Current File:

Total Files:

BackgroundCancel

Output

Output Type: MP3

Output Folder: Goto...

Output Filename(s): Preview

<number> - <title>

<title>
 <number> - <title>
 <number>. <title>
 <number> - <artist> - <title>
 <number> - <artist> - <album> - <title>
 <number> - <artist> - <number> - <album>
 <artist> - <title>
 <artist> - <album> - <title>
 <album artist>\<title>
 <album artist>\<number> - <title>
 <artist>\<title>
 <artist>\<number> - <title>
 <album>\<number> - <title>
 <album>\<number>. <title>
 <album>\<number> - <title> [<artist>]
 <album>\<number> - <artist> - <title>
 <album>\<number>. <artist> - <title>
 <album artist> - <album>\<number> - <title>
 <album artist> - <album>\<number>. <title>
 <album artist> - <album>\<number> - <title>
 <artist> - <album>\<number> - <title>
 <artist> - <album>\<number>. <title>
 <artist>\<album>\<title>
 <album artist>\<album>\<number> - <title>
 <album artist>\<album>\<number>. <title>
 <artist>\<album>\<number> - <title>
 <artist>\<album>\<number>. <title>
 <album>\<artist>\<title>
 <album>\<artist>\<number> - <title>
 <album>\<artist>\<number>. <title>

<title>

 Easy Living.mp3	3,016 KB
 Solitude.mp3	2,962 KB
 What Is This Thing Called Love.mp3	2,906 KB

<number> - <title>

 01 - Easy Living.mp3	3,016 KB
 02 - What Is This Thing Called Love.mp3	2,906 KB
 03 - Solitude.mp3	2,962 KB



**Any other:
Questions
Comments
Shares?**



December Meeting

Efficient YouTube Viewing: Tips & Shortcuts

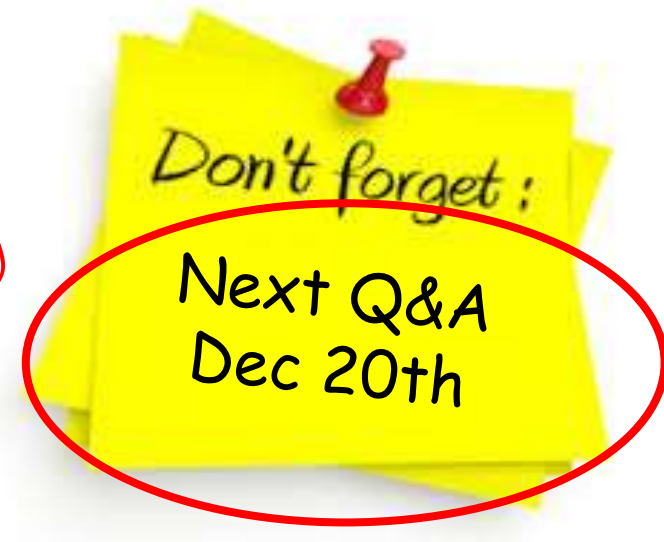
Bob Herres (OPCUG)

December 13, 2023
7:30 pm





No Q&A on
December 13
(Monthly Meeting)



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

SuggestionBox@opcug.ca