



Chris Taylor and Alan German
Ottawa PC Users' Group

Follow-up

Copying image files with xcopy

Copy all jpg files (cmd.exe)

```
xcopy /s /y E:\agtemp2\*.jpg G:\agtemp2\
```

/s Copies directories and subdirectories,
 unless they are empty

/y Suppresses prompting to confirm that you
 want to overwrite an existing destination file

Multiple file types

```
for %e in (jpg gif) do (xcopy E:\agtemp2\*.%e  
G:\agtemp2\ /s /y)
```

Follow-up

Using Internet Explorer

I was not suggesting that IE is the “best” browser (whatever that means) or even a “good” browser, but it is supported by Microsoft.

From a vulnerability point of view, I would not be overly concerned about using IE.



Follow-up

Using Internet Explorer

Microsoft recommends using Microsoft Edge as your default browser and supports Internet Explorer 11 for backward compatibility.

IE is a component of the Windows operating system and follows the Lifecycle Policy for the product on which it is installed.

Only the most current version of IE receives technical support and security updates.

<https://docs.microsoft.com/en-ca/lifecycle/faq/internet-explorer-microsoft-edge>

Follow-up

Using Internet Explorer

Internet Explorer 11 is the last major version of this browser. Internet Explorer 11 will continue receiving security updates and technical support for the lifecycle of the version of Windows on which it is installed.

“We’re not supporting new web standards for it and, while many sites work fine, developers by and large just aren’t testing for Internet Explorer these days.”

Follow-up

BitLocker

Depending on the specific hardware configuration, a Windows 10 Home PC may well come with BitLocker installed.

According to Hewlett Packard if a PC configuration includes the "Modern Standby" feature, BitLocker will be installed and automatically activated.

Recovery

There are no more BitLocker recovery options on your PC

Follow-up

BitLocker

Checking for BitLocker in the search window pointed me to “*Device Encryption*” and gave me the opportunity to at least back up my recovery keys to a file or USB.

Note the plural “keys”!

When first setting up this PC, I created a D: drive partition. This D partition also has its own BitLocker recovery key! (So far I haven't had to enter a 48 digit code to access my data files.)

Follow-up

BitLocker

As there are no options provided for managing how and when BitLocker works on this HP Envy, it seems to be a limited-features version, hidden in the background, secretly doing its thing.

All a bit weird and annoying as I use VeraCrypt folders for my important stuff.



<https://www.veracrypt.fr/en/Home.html>

Follow-up

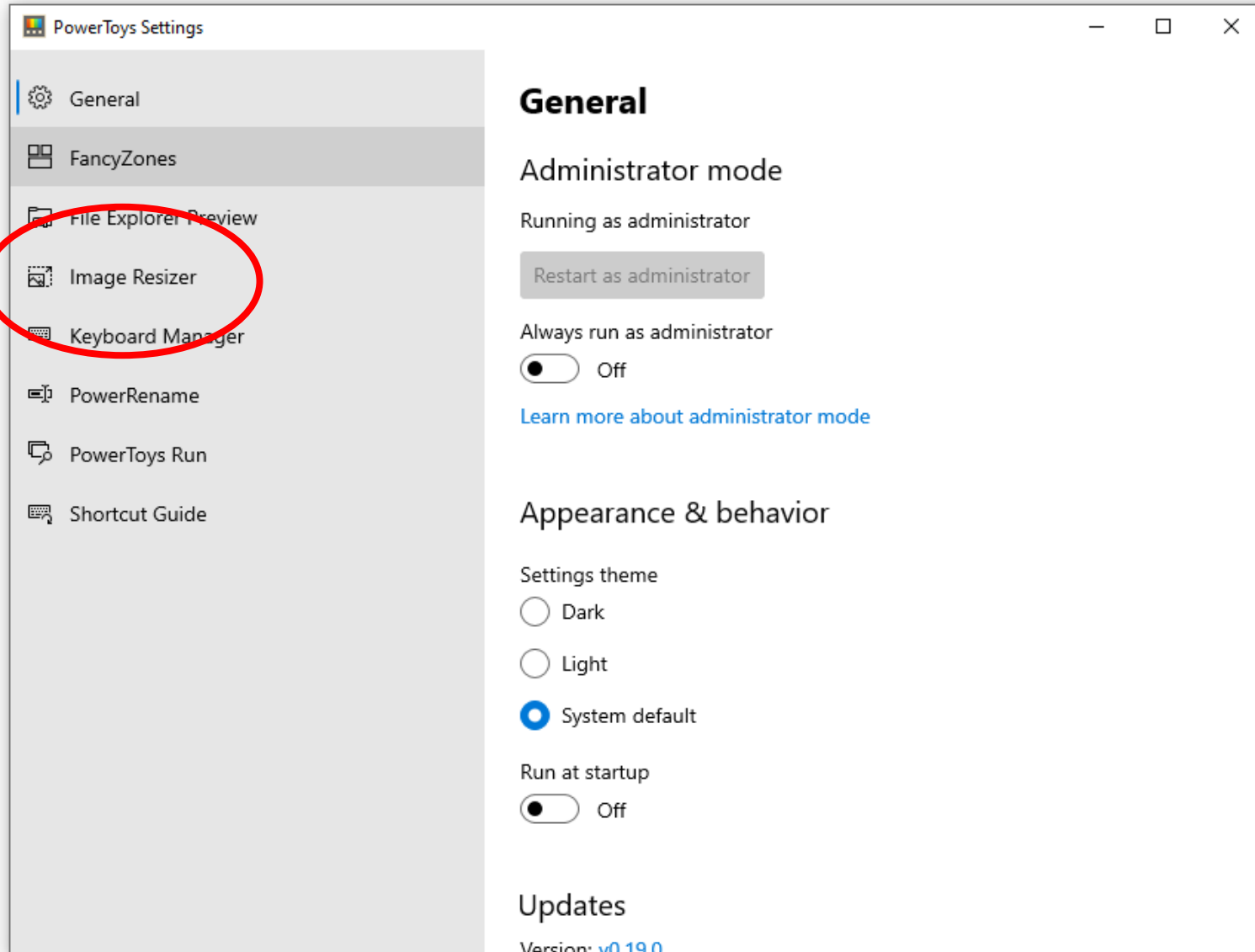
BitLocker

If you want see what standby configurations your PC may have, at an admin command prompt enter *powercfg/a*. You will get a listing of all the standby modes you may or may not have available. If you see '*S0 Low Power Idle*' you have a Modern Standby configuration and, presumably, you may also have BitLocker lurking in the background. Best to check your Control Panel.

```
The following sleep states are not available on this system:  
Standby (S0 Low Power Idle)  
The system firmware does not support this standby state.
```

Share

PowerToys – Image Resizer



General

FancyZones

File Explorer Preview

Image Resizer

Keyboard Manager

PowerRename

PowerToys Run

Shortcut Guide

Image Resizer

Lets you resize images by right-clicking.

Enable Image Resizer



On

Image sizes

Small	Fit	854	×	480	Pixels	
Medium	Fit	1366	×	768	Pixels	
Large	Fit	1920	×	1080	Pixels	
Phone	Fit	320	×	568	Pixels	
	Fit	1024	×	768	Pixels	



Add size

Encoding

Custom size →

IMG_3646.JPG - FastStone Image Viewer 7.1

File Edit Colors Effects View Tag Favorites Create Tools Settings Help

DataDisk (E:)

0_archives

agtemp

agtemp2

alan

alan_and_carol_home_page

bats

eBooks

nikon

original

receipts

Rfiles

Road Safety Research

thunderbird

Images & Videos

Filename

E:\agtemp2\

3000x4000 JPG

IMG_3646.JPG

4000x3000 JPG

IMG_3703.JPG

4000x3000 JPG

IMG_3711.JPG

Preview

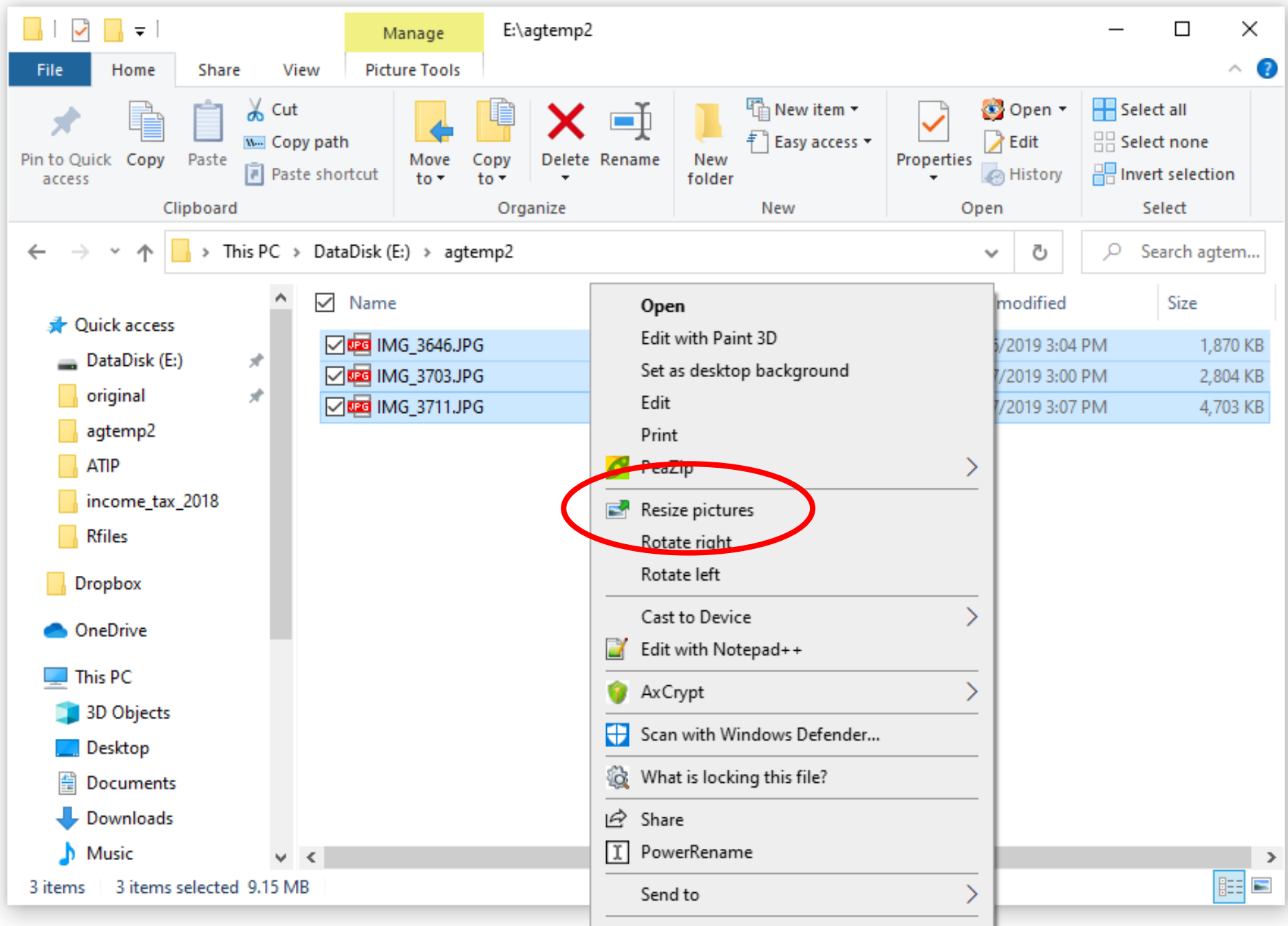
3000 x 4000 (12.00 MP) 24bit JPG 1.82 MB 2019-11-16 15:04:20

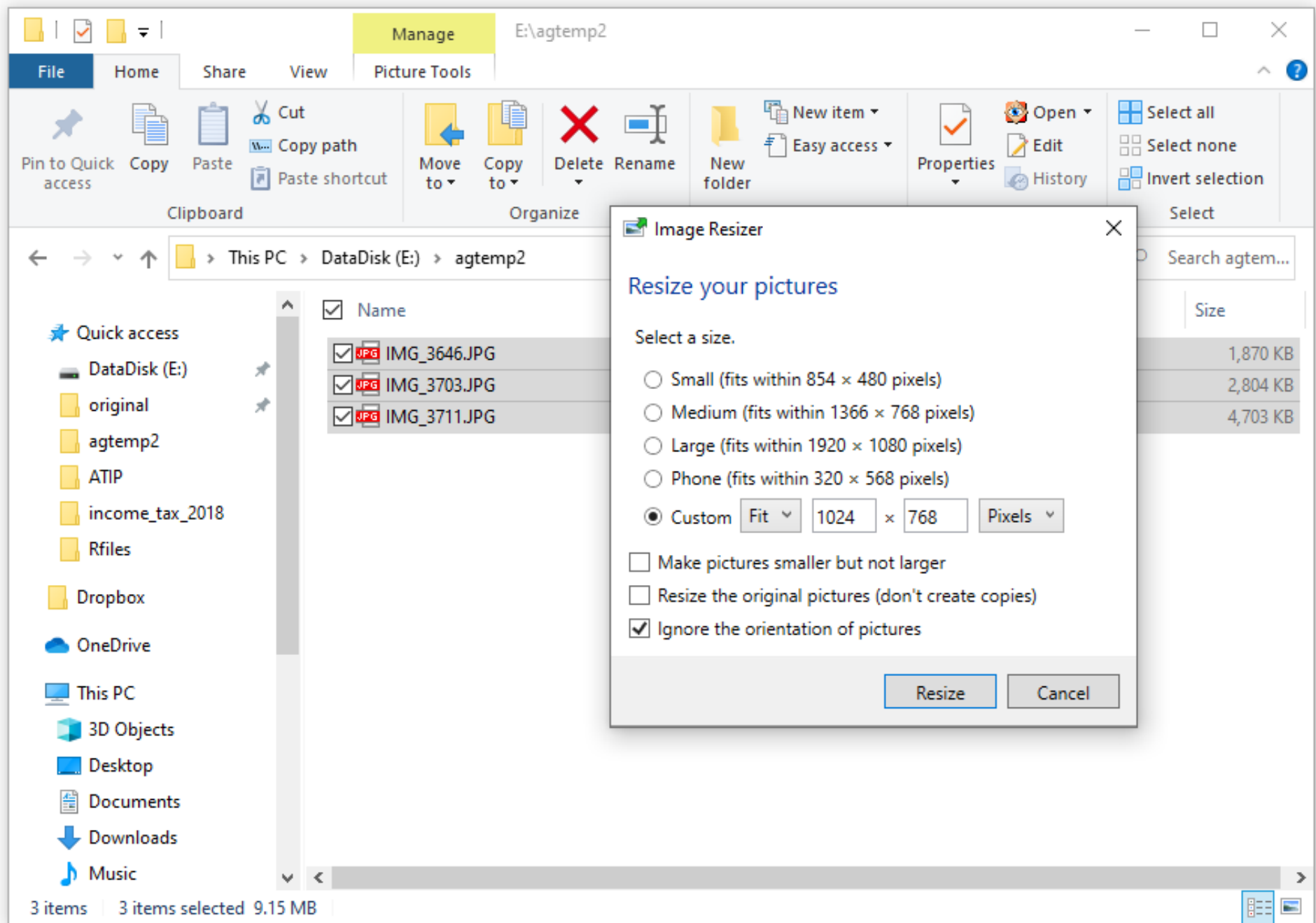
1:1

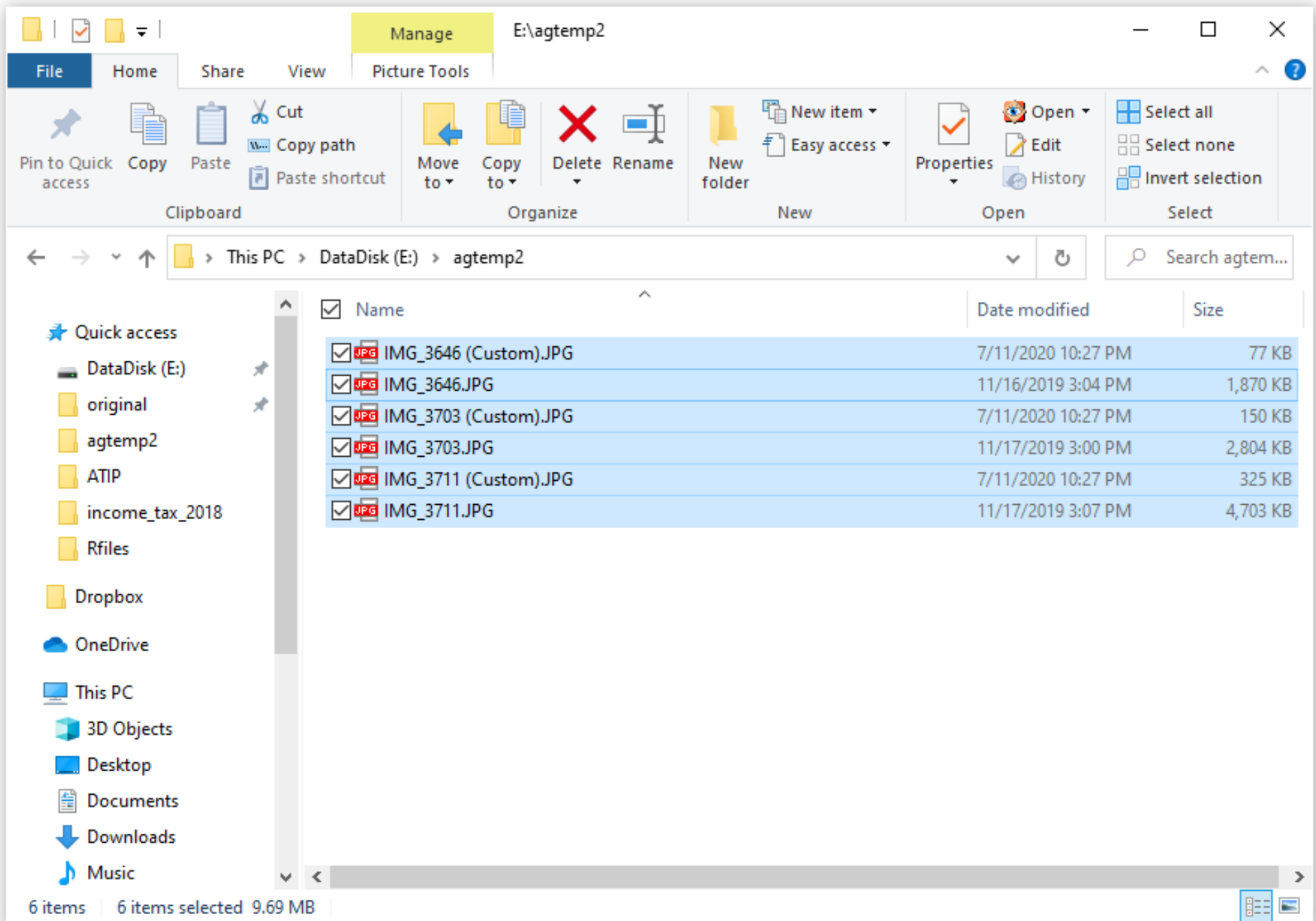
0 Folders

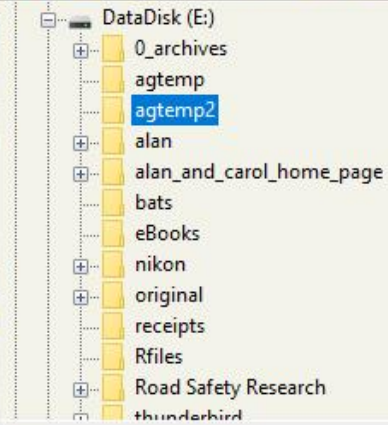
3 Files (9.15 MB)

1 Selected

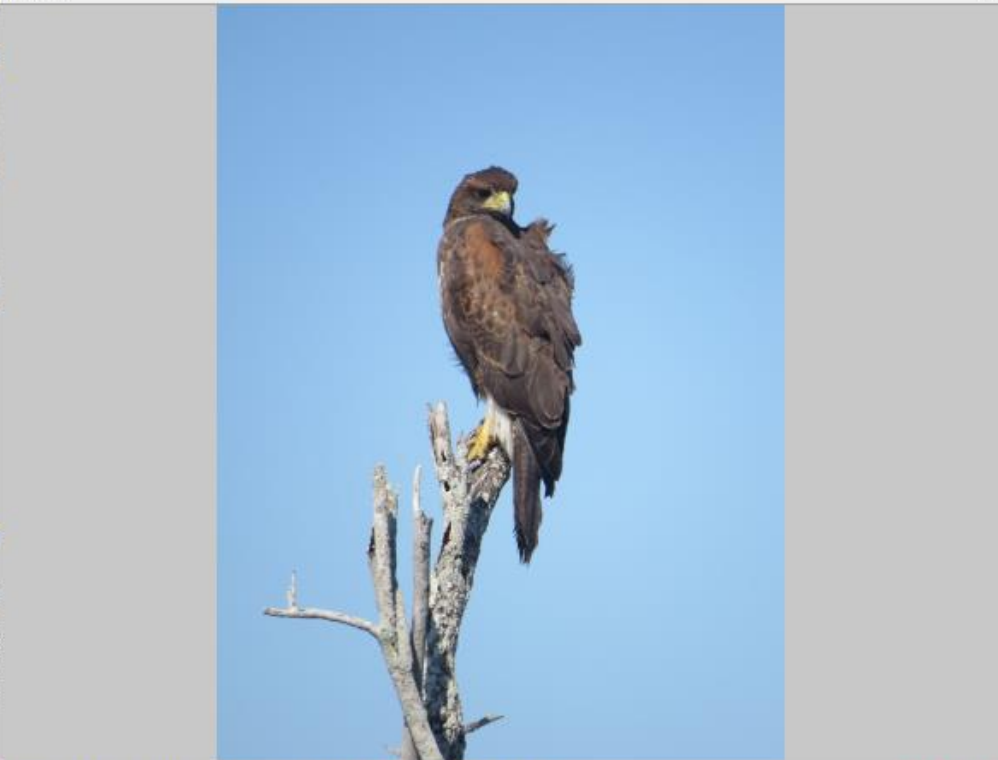






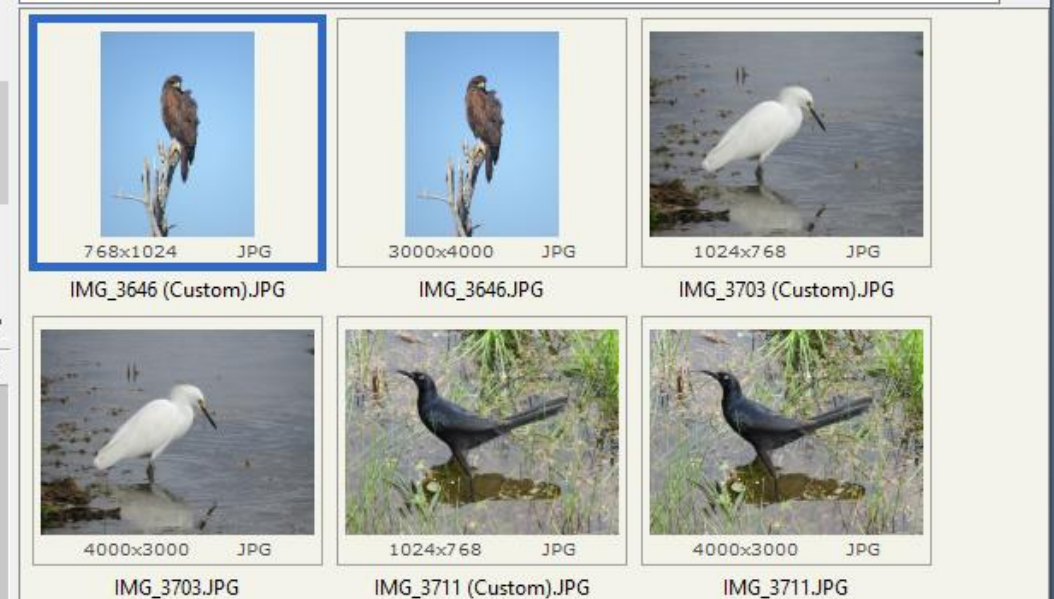


Preview



768 x 1024 (0.79 MP) 24bit JPG 76.2 KB 2020-07-11 22:27:27

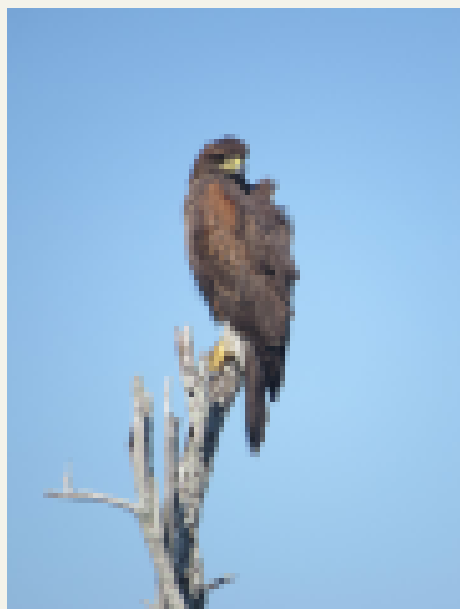
IMG_3646 (Custom).JPG [1 / 6]



0 Folders

6 Files (9.69 MB)

1 Selected

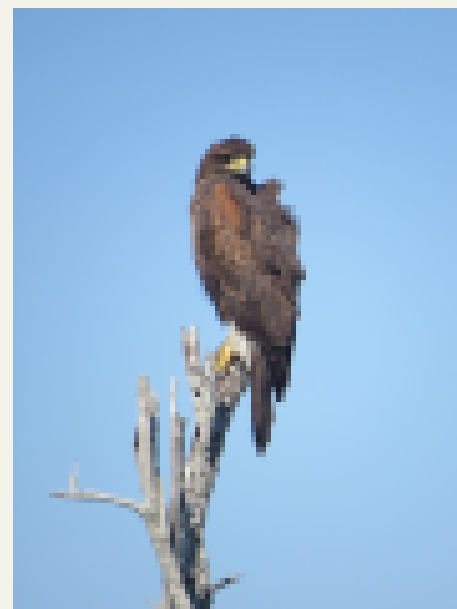


768x1024

JPG

IMG_3646 (Custom).JPG

76.2 KB



3000x4000

JPG

IMG_3646.JPG

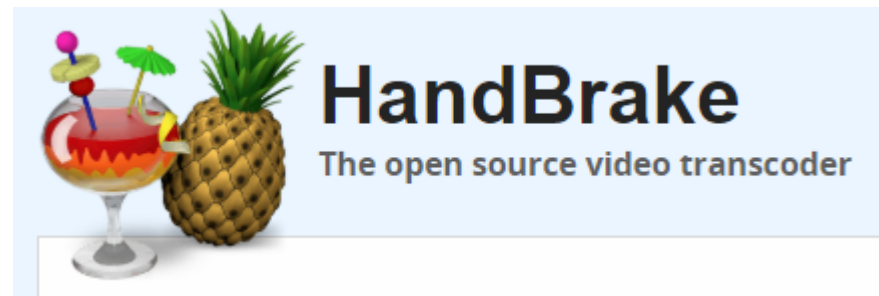
1870 KB

Share

Handbrake – Video Converter

Do you have home-made movies stored on DVD's? Do you still have a DVD player? Does it work? Will it always work?

It's easy to convert VOB files to MP4 (or many other video file types) using Handbrake (<https://handbrake.fr>)



Source Selection

Optionally choose a specific title:

Then choose the video(s) you'd like to encode:



Folder (Batch Scan)

Open a folder with one or more files.



File

Open a single video file.

Cancel

[Preferences](#) | [Help](#) | [About HandBrake](#)

Start Encode



Queue



Preview



Activity Log



Presets

Angle:

Range:

Chapters

Duration:

Reload

Save New Preset

titles

Chapters

Or drop a file or folder here ...

Browse

When Done: Do nothing ▾



HandBrake



File Tools Presets Queue Help



Open Source



Add to Queue ▾



Start Encode



Queue



Preview



Activity Log



Presets

Source: How To Use XCopy To Transfer Files 1920x1080 (1920x1080), 30 FPS, 1 Audio Tracks, 0 Subtitle Tracks

Title: 1 (00:02:05) ▾ Angle: 1 ▾ Range: Chapters ▾ 1 ▾ - 1 ▾ Duration: 00:02:05

Preset: Fast 1080p30 (Modified) ▾ Reload Save New Preset

Summary Dimensions Filters **Video** Audio Subtitles Chapters

Video

Video Codec: H.264 (x264) ▾

Framerate (FPS): 30 ▾

☒ Constant Framerate

☐ Peak Framerate

Optimise Video:

Encoder Preset:  Fast

Encoder Tune: None ▾ ☐ Fast Decode

Encoder Profile: Main ▾ Encoder Level: 4.0 ▾

Advanced Options:

Quality

☒ Constant Quality: 22 RF



| Lower Quality

Placebo Quality |

☐ Avg Bitrate (kbps):

☒ 2-Pass Encoding ☒ Turbo first pass

Save As: D:\CopyFiles.mp4

Browse

Ready

When Done: Do nothing ▾



HandBrake



File Tools Presets Queue Help



Open Source



Add to Queue ▾



Start Encode



Queue



Preview



Activity Log



Presets

Source: How To Use XCopy To Transfer Files 1920x1080 (1920x1080), 30 FPS, 1 Audio Tracks, 0 Subtitle Tracks

Title: 1 (00:02:05) ▾ Angle: 1 ▾ Range: Chapters ▾ 1 ▾ - 1 ▾ Duration: 00:02:05

Preset: Fast 1080p30 (Modified) ▾ Reload Save New Preset

Summary Dimensions Filters **Video** Audio Subtitles Chapters

Video

Video Codec: H.264 (x264) ▾

Framerate (FPS): 30 ▾

- ☒ Constant Framerate
☐ Peak Framerate

Optimise Video:

Encoder Preset: ▾ Fast

Encoder Tune: None ▾ ☐ Fast Decode

Encoder Profile: Main ▾ Encoder Level: 4.0 ▾

Advanced Options:

Quality

☒ Constant Quality: 22 RF



| Lower Quality

Placebo Quality |

☐ Avg Bitrate (kbps): ▯

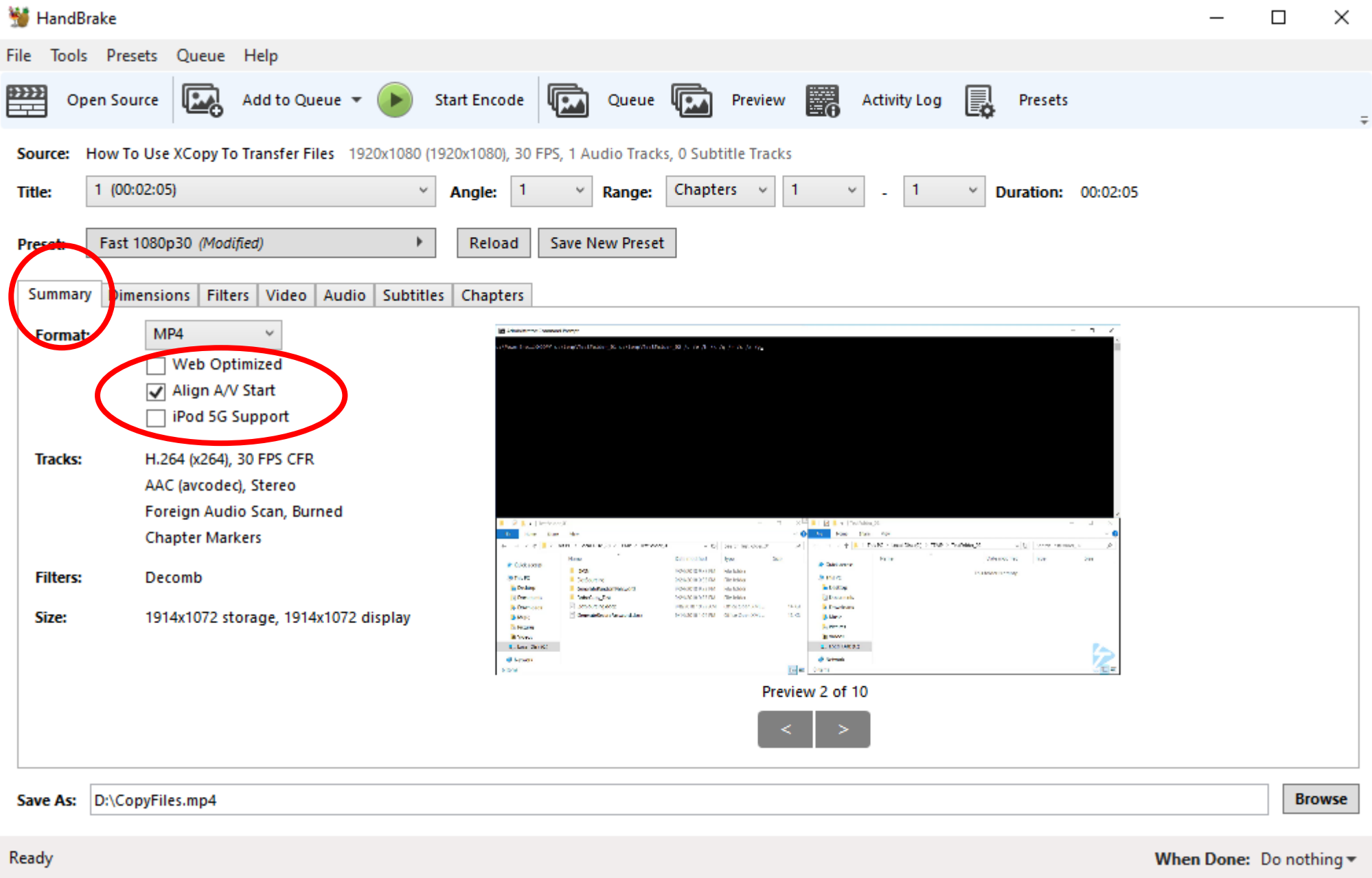
☒ 2-Pass Encoding ☒ Turbo first pass

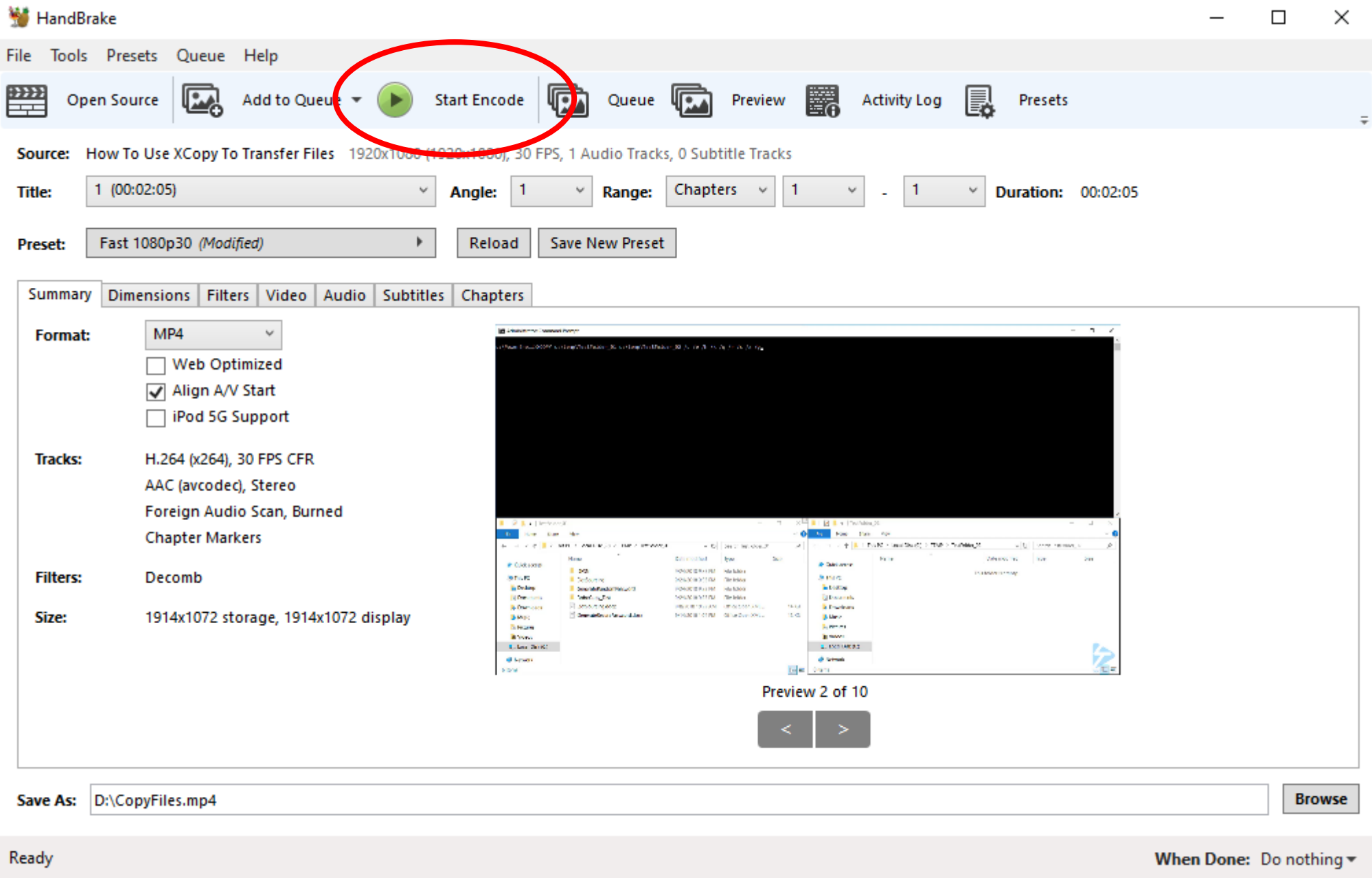
Save As: D:\CopyFiles.mp4

Browse

Ready

When Done: Do nothing ▾







My computer started life with Windows 7 and is now running Windows 10. Over time there have been system resets, system upgrades and, goodness knows how many "tweaks" in the arcane submenus due to helpful suggestions. I'm kinda lost trying to remember what has been done to which machine. What can these resets do and not do, and how many low-level tweaks may or may not survive these resets?

A

I maintain a manual log (doc file) of changes to my system. This includes all updates to the OS, new program installations, updated versions of installed apps, plus records of when disk images have been made. I find this file useful if I hit a real snag as I can see the traffic since the last image that I am restoring. It's also helpful as a resource for obscure commands and tweaks that can be retrieved by searching the document.

29-May-20

Linux – 1 update (95 KB)

02-Jun-20

Linux – 1 update (145 KB)

Created Barracuda_02\z_images\xps-8300\full_hard_disk_02jun20-00-00.mring (Macrium)

09-Jun-20

Linux – 5 updates (13 MB)

25-Jun-20

Linux – 12 updates (998 KB)

Windows – Updated Vivaldi to Version 3.1.1929.45

07-Jul-20

Linux – 4 updates (19 MB)

08-Jul-20

Linux – 3 updates (124 MB)

09-Jul-20

Linux – Updated mint-upgrade-info (Update Manager) to Version 1.1.6 plus 1 update (163 KB)

Attempted to upgrade to Mint Version 20 (Ulyana) but installation script seemed to be stuck in a loop

Restored Linux partition from Barracuda_02\z_images\xps-8300\full_hard_disk_02jun20-00-00.mring (Macrium)

Linux – Updated mint-upgrade-info plus 38 updates (319 MB)

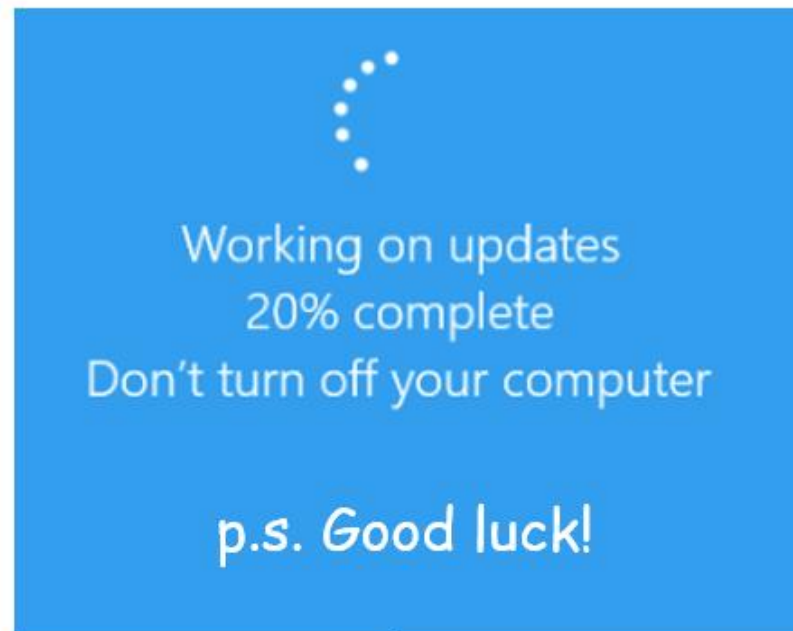
A

It probably depends on the actual tweak

- Any tweak that is just personalization, with no effect on the underlying operating system should survive
- But, what if I make a change that may be undone when something related changes in the operating system?
Probably not. Doubly so if I make a change that can't be done using standard windows tools like "Settings", say through a registry edit.

A

And, since Microsoft sees fit to change some things that they obviously could leave alone, such as my default browser [*Edge revisited!*], I obviously can't count on ANY customization I make surviving an update!





Microsoft has been slowly integrating Skype into Windows. I rarely use Skype and so I was a surprised to find two Skype shortcuts in the Start menu. One is the standard oval with an “S”, and the other is a file folder with the regular icon below it. Is there any reason to keep a stand-alone installation of the app if Microsoft is going to ram their version on the system through Windows update?





What company does OPCUG use for its June recycling programme/E-waste event?



In 2018, the Minister of Environment and Climate Change directed OES to wind up its Program and submit a wind up plan for the program and its organization to RPRA.

A

Best Buy is probably the easiest place for most people to recycle electronics

Battery and Electronic Recycling Program

Do you have old electronics or batteries you'd like to get rid of? You can recycle them at Best Buy stores —even if you didn't buy them from us.

[https://www.bestbuy.ca/en-ca/help/
bltb13feb03a319a964/blt00b0b3db02656195](https://www.bestbuy.ca/en-ca/help/bltb13feb03a319a964/blt00b0b3db02656195)



A

Search for drop-off points:

<https://www.recyclemyelectronics.ca>

(All of Canada)

<http://ontarioelectronicstewardship.ca/>

(Ontario only)

Check with the individual location that they are still accepting recycling (COVID concerns), and to confirm their hours and conditions.



Take It Back retailers:

Staples (also ink cartridges and batteries)
Habitat for Humanity

City of Ottawa*

eWaste (plus tires and metal recycling)
accepted free at the Trail Road Dump
<https://ottawa.ca/en/garbage-and-recycling>

** Household Hazardous Waste events no longer
in operation due to COVID concerns*



**Any Other
Questions?**



If we have time...

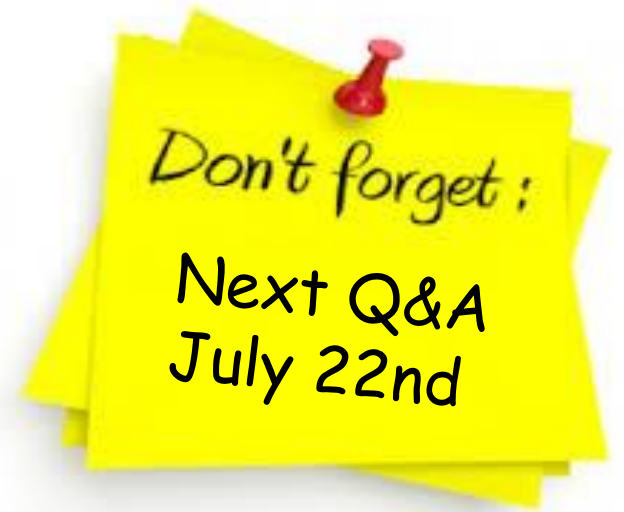


GIMP – Simple & Complex

Alan German
Ottawa PC Users' Group



Questions



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

SuggestionBox@opcug.ca

