



Alan German & Chris Taylor

Ottawa PC Users' Group

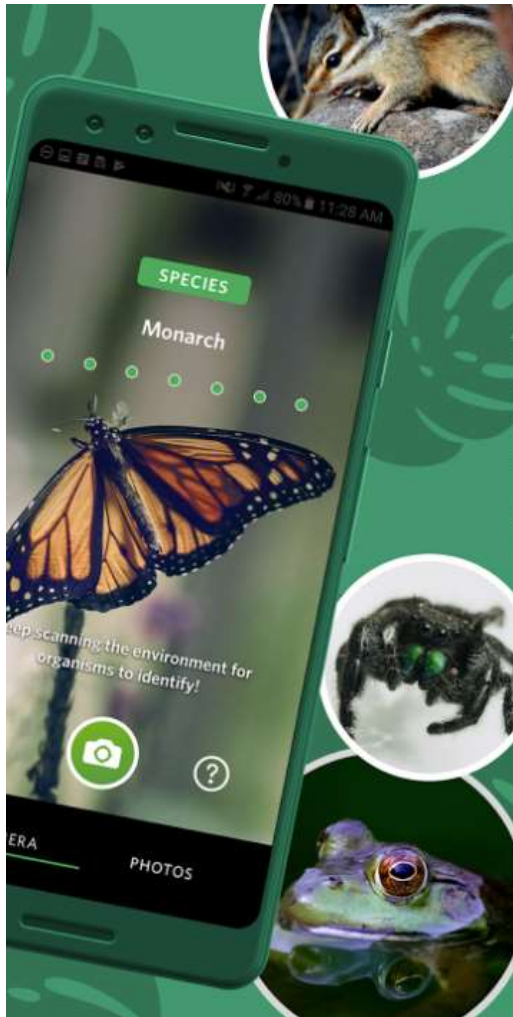
September 28, 2022

Share

Seek by iNaturalist

Use the power of image recognition technology to identify the plants and animals all around you:

- Trees
- Flowers
- Fungi
- Molluscs
- Birds
- Insects
- Animals
- Amphibians



<https://play.google.com/store/search?q=seek+by+inaturalist>



10:13

90%



seek

by iNaturalist



CALIFORNIA
ACADEMY OF
SCIENCES



NATIONAL
GEOGRAPHIC



10:13

90%

SPECIES NEARBY



OTTAWA



ALL SPECIES



Monarch



Northern
Leopard Frog



Common
Garter Snake

CHALLENGES

SEPTEMBER 2022

PHOTOSYNTHESIS CHALLENGE



Add observations with the
Seek Camera to earn the
Challenge badge!



9:58

4G 67%

SPECIES

New England Aster

That's it! Now take a picture to add this species to your observations.



CAMERA

PHOTOS



10:12

66%



GENUS

Goldenrods

Almost at species!

CAMERA

PHOTOS





WE BELIEVE THIS IS A MEMBER
OF THE GENUS

Goldenrods

But Seek couldn't identify the exact species.

You can try a different angle, zoom in, or try
to get a clearer shot of the organism.

TAKE ANOTHER PHOTO







11:23

49 21%



YOU OBSERVED A NEW SPECIES!

Common Reed

It's been added to your observations.
Learn more about this species here:

[VIEW SPECIES](#)

[Back to Camera](#)



11:23

21%



PLANT

Common Reed

Phragmites australis

NATIVE

✓ You observed it on Sep 21, 2022.

ABOUT

Phragmites is a genus of four species of large perennial grasses found in wetlands throughout temperate and tropical regions of the world. The World Checklist of Selected Plant Families, maintained by Kew Garden in London, accepts the following four species:





Keyboard Shortcuts

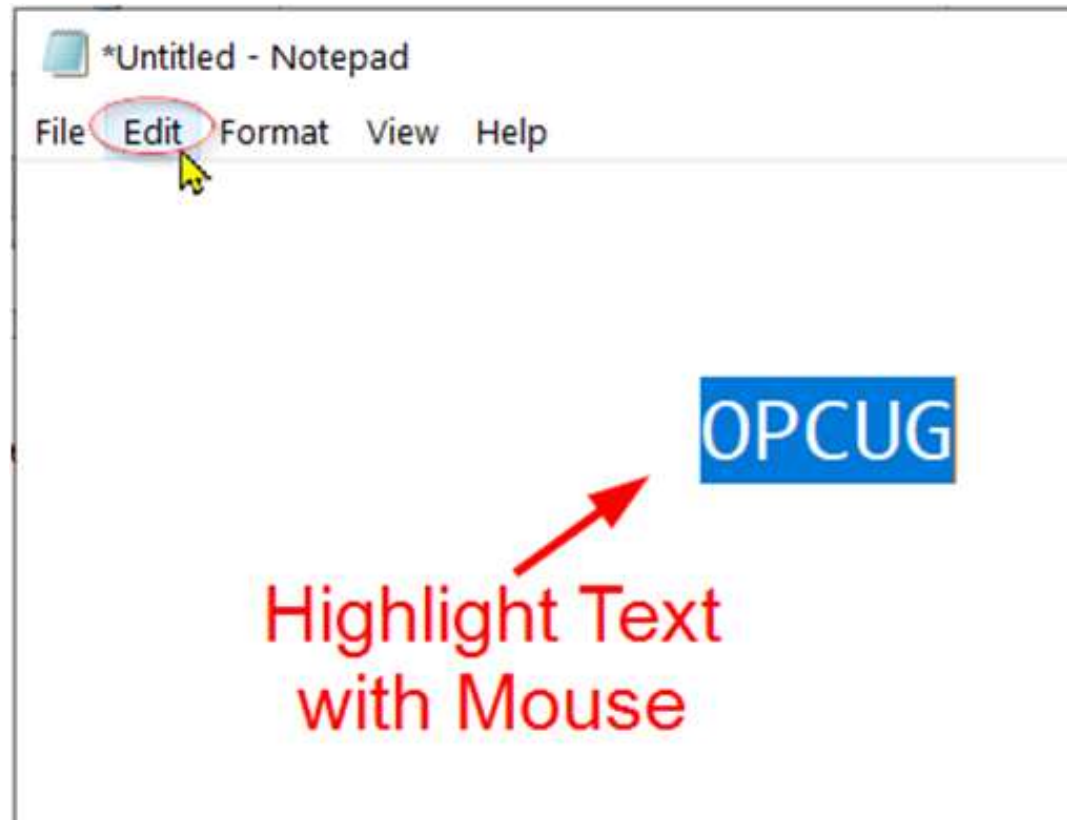
- Shortcuts allow you to do a lot more, in less time
- Soon you'll be impressing yourself and others!





Keyboard Shortcuts

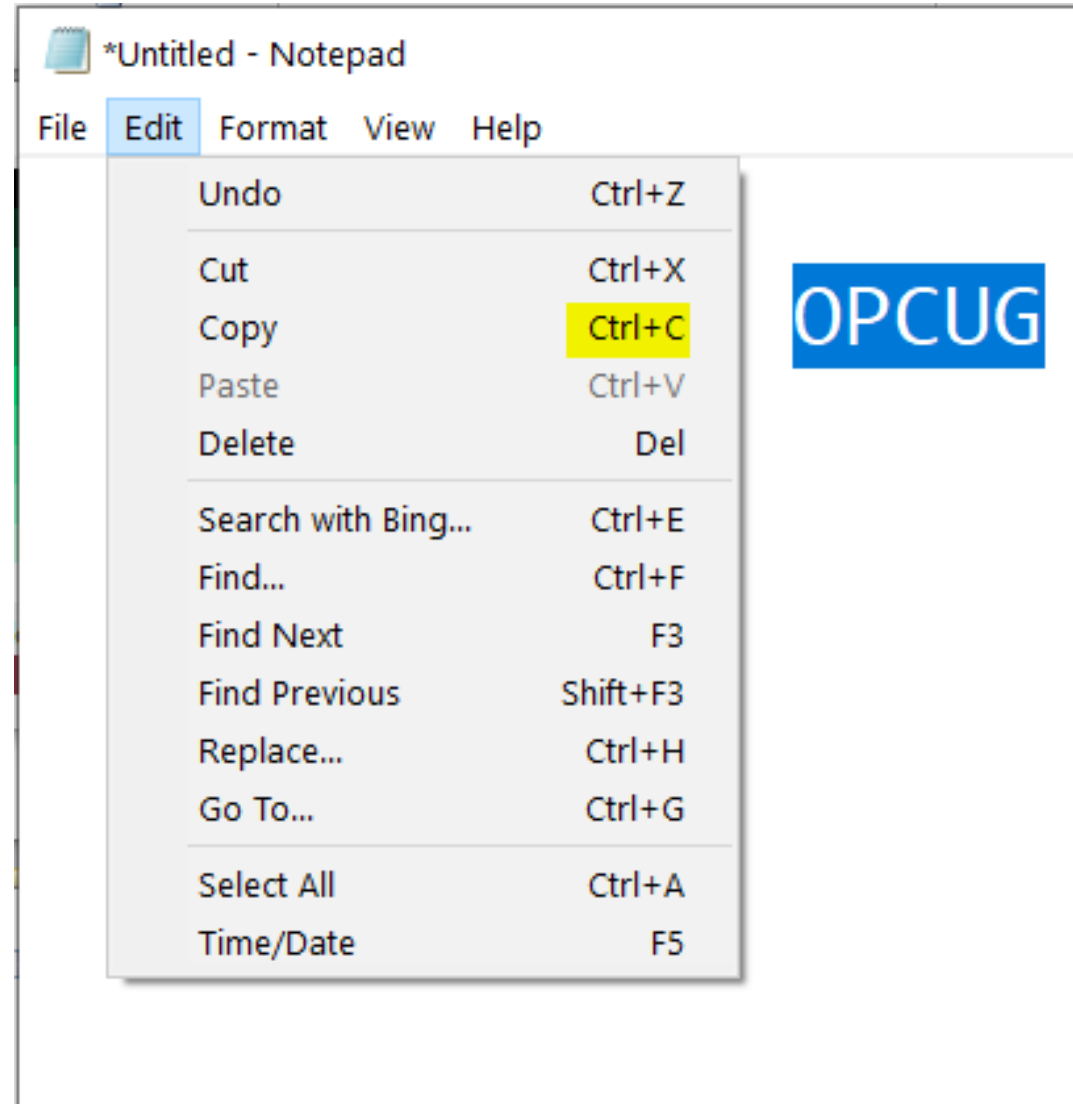
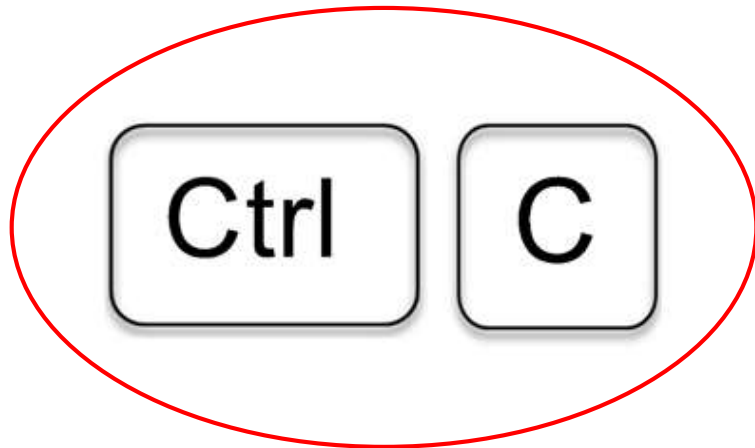
- Let's start with copying text
- Highlight the text using the mouse
- In Notepad the selected text is shown in blue





Keyboard Shortcuts

- Note that, in the menu, we can see the shortcuts for all the available actions
- Copy = Ctrl-C

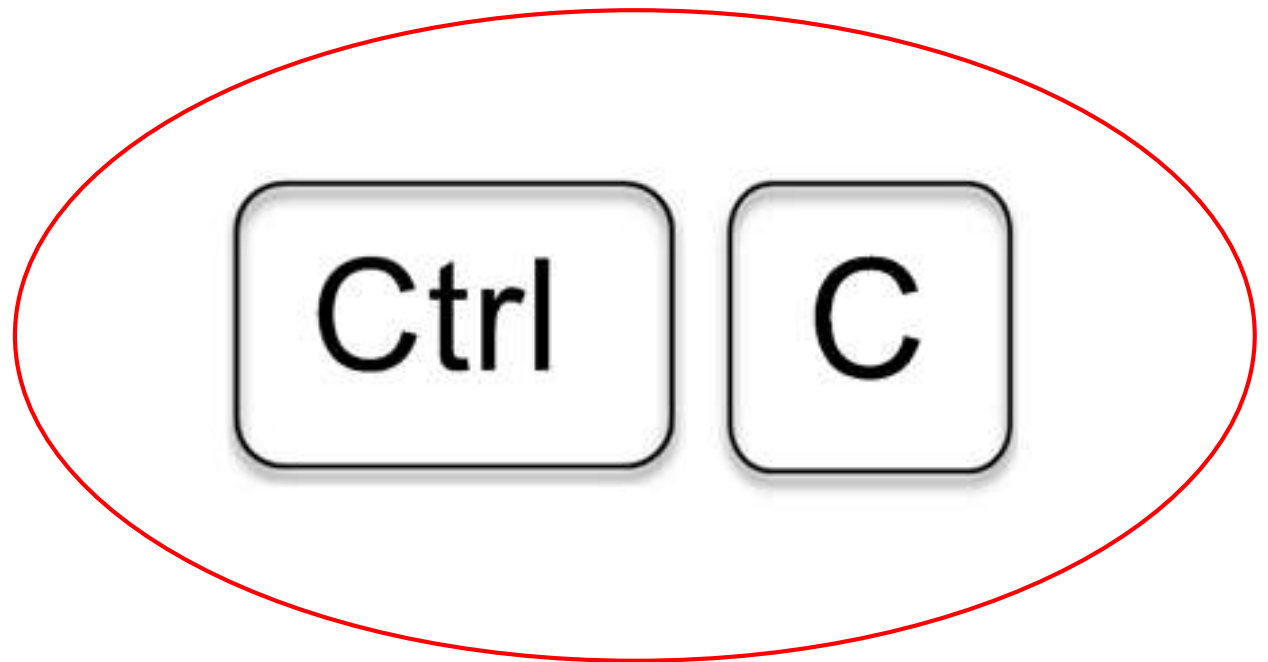




Keyboard Shortcuts

- Try **not** to use the drop-down menu
- Using the keyboard is 10 times faster!

Copy





Keyboard Shortcuts

Copy

Ctrl

C

Paste

Ctrl

V

Cut

Ctrl

X



Keyboard Shortcuts

- Write a paper or sticky note
- Put it on your desk or monitor
- Practice if you have time
- Don't work on too many shortcuts at the same time





Keyboard Shortcuts

- Are you a fan of keyboard shortcuts?
- Which ones do you use most?
- Would you be willing to share your knowledge and expertise at Q&A?
- Can we stay tuned for more **Keyboard Shortcuts...**

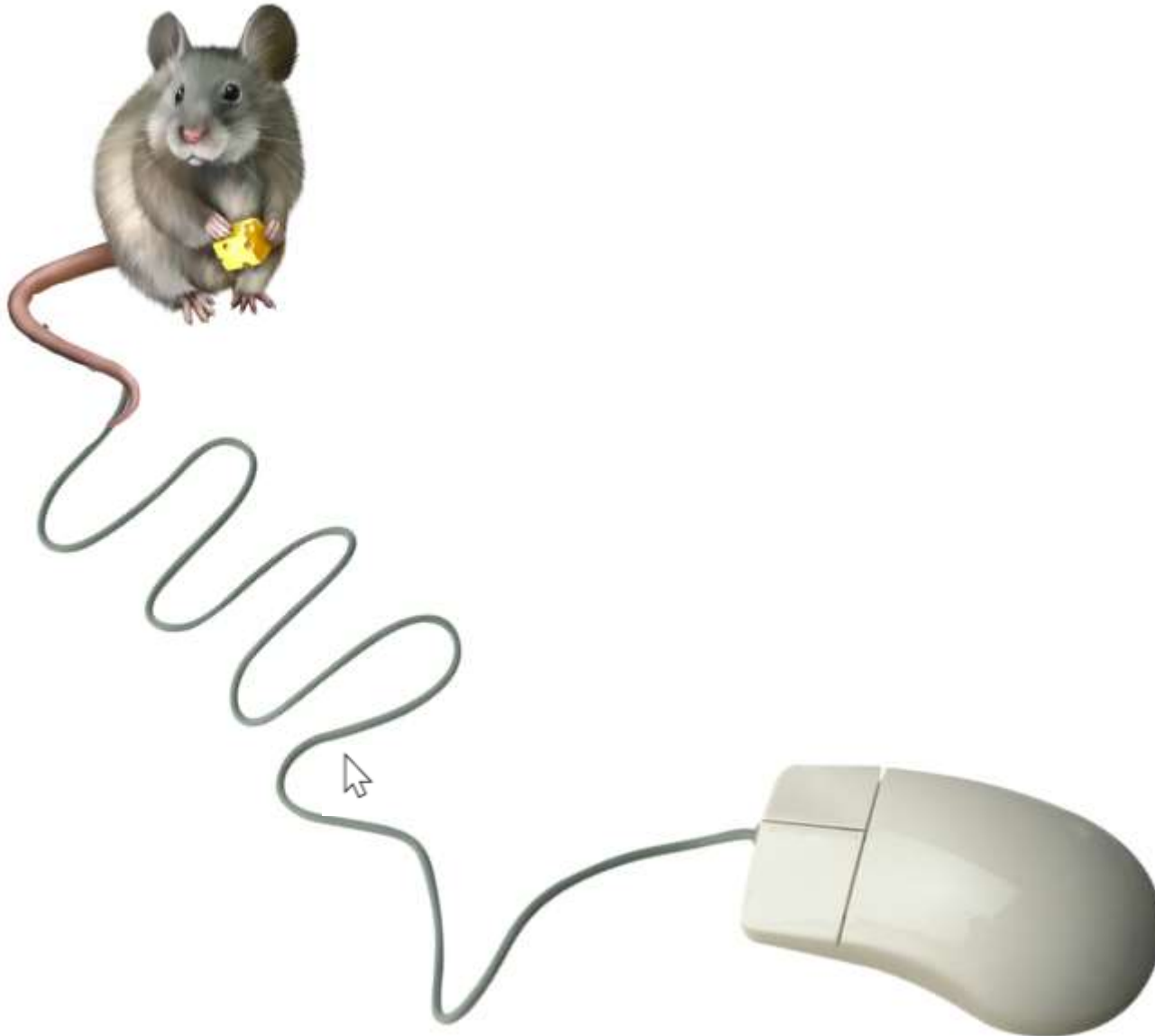


COMPUTER BASICS



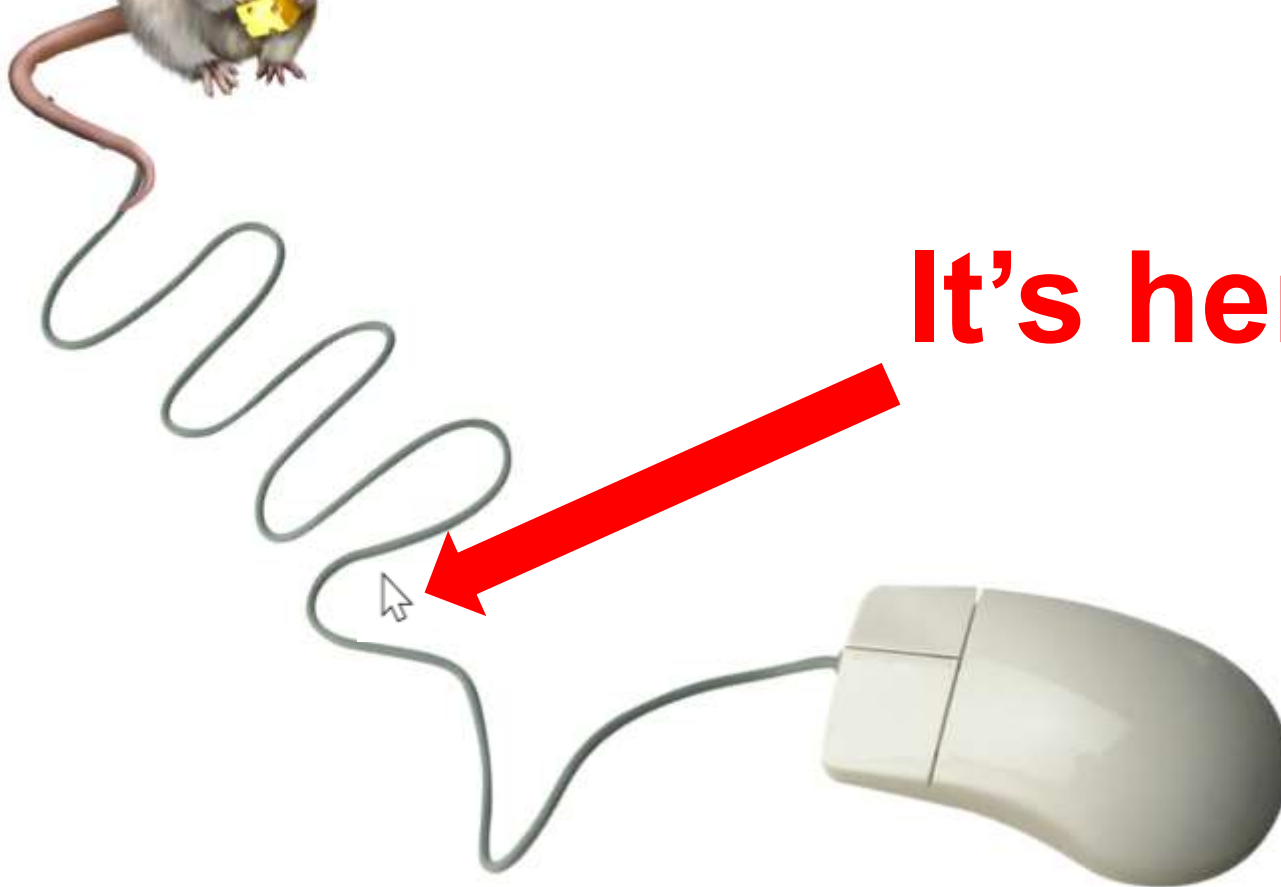
Users Helping Users

Where is that mouse?

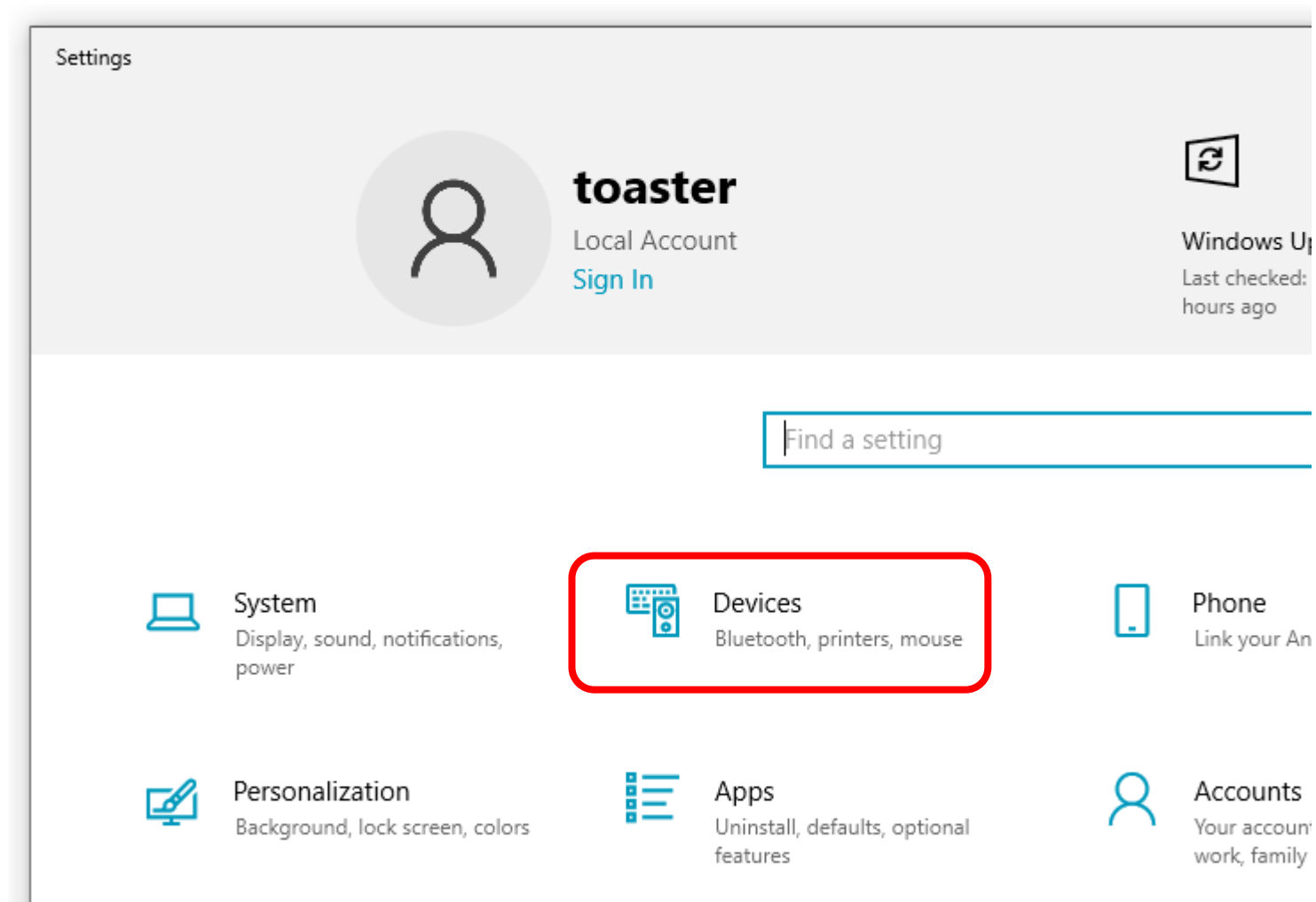




Where is that mouse?



It's here !



Settings – Devices - Mouse



Settings



Home

Find a setting



Devices



Bluetooth & other devices



Printers & scanners



Mouse



Touchpad



Typing



Pen & Windows Ink



AutoPlay



USB

Mouse

Select your primary button

Left



Cursor speed



Roll the mouse wheel to scroll

Multiple lines at a time



Choose how many lines to scroll each time



Scroll inactive windows when I hover over them



On

Related settings

[Adjust mouse & cursor size](#)

[Additional mouse options](#)



Settings



Home

Find a setting



Devices



Bluetooth & other devices



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Mouse



Touchpad



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On

Related settings

[Adjust mouse & cursor size](#)

[Additional mouse options](#)

Ease of Access

Vision

Display

Mouse pointer

Text cursor

Magnifier

Color filters

High contrast

Narrator

Hearing

Audio

Mouse pointer

Make mouse pointer and touch feedback easier to see.

Change pointer size and color

Change pointer size



Change pointer color



Change touch feedback

Show visual feedback around the touch points when I touch the screen

☒ On

☐ Make visual feedback for touch points darker and larger

Related settings

[Additional mouse settings](#)

Ease of Access

Vision

Display

Mouse pointer

Text cursor

Magnifier

Color filters

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Related settings

[Additional mouse settings](#)



Ease of Access

Vision

Display

Mouse pointer

Text cursor

Magnifier

Color filters

High contrast

Narrator

Hearing

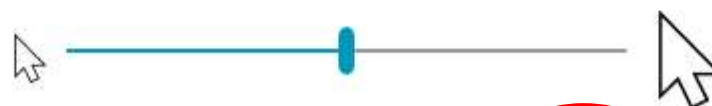
Audio

Mouse pointer

Make mouse pointer and touch feedback easier to see.

Change pointer size and color

Change pointer size



Change pointer color



Suggested pointer colors



Pick a custom pointer color

Change touch feedback

Show visual feedback around the touch points when I touch the screen





Settings



Home

Find a setting



Devices



Bluetooth & other devices



Printers & scanners



Mouse



Touchpad



Typing



Pen & Windows Ink



AutoPlay



USB

Mouse

Select your primary button

Left



Cursor speed



Roll the mouse wheel to scroll

Multiple lines at a time



Choose how many lines to scroll each time



Scroll inactive windows when I hover over them



On

Related settings

[Adjust mouse & cursor size](#)

[Additional mouse options](#)

Mouse Properties



Buttons

Pointers

Pointer Options

Wheel

Hardware



Smart-Pad

Button configuration

☐ Switch primary and secondary buttons

Select this check box to make the button on the right the one you use for primary functions such as selecting and dragging.



Double-click speed

Double-click the folder to test your setting. If the folder does not open or close, try using a slower setting.

Speed: Slow  Fast



ClickLock

☐ Turn on ClickLock

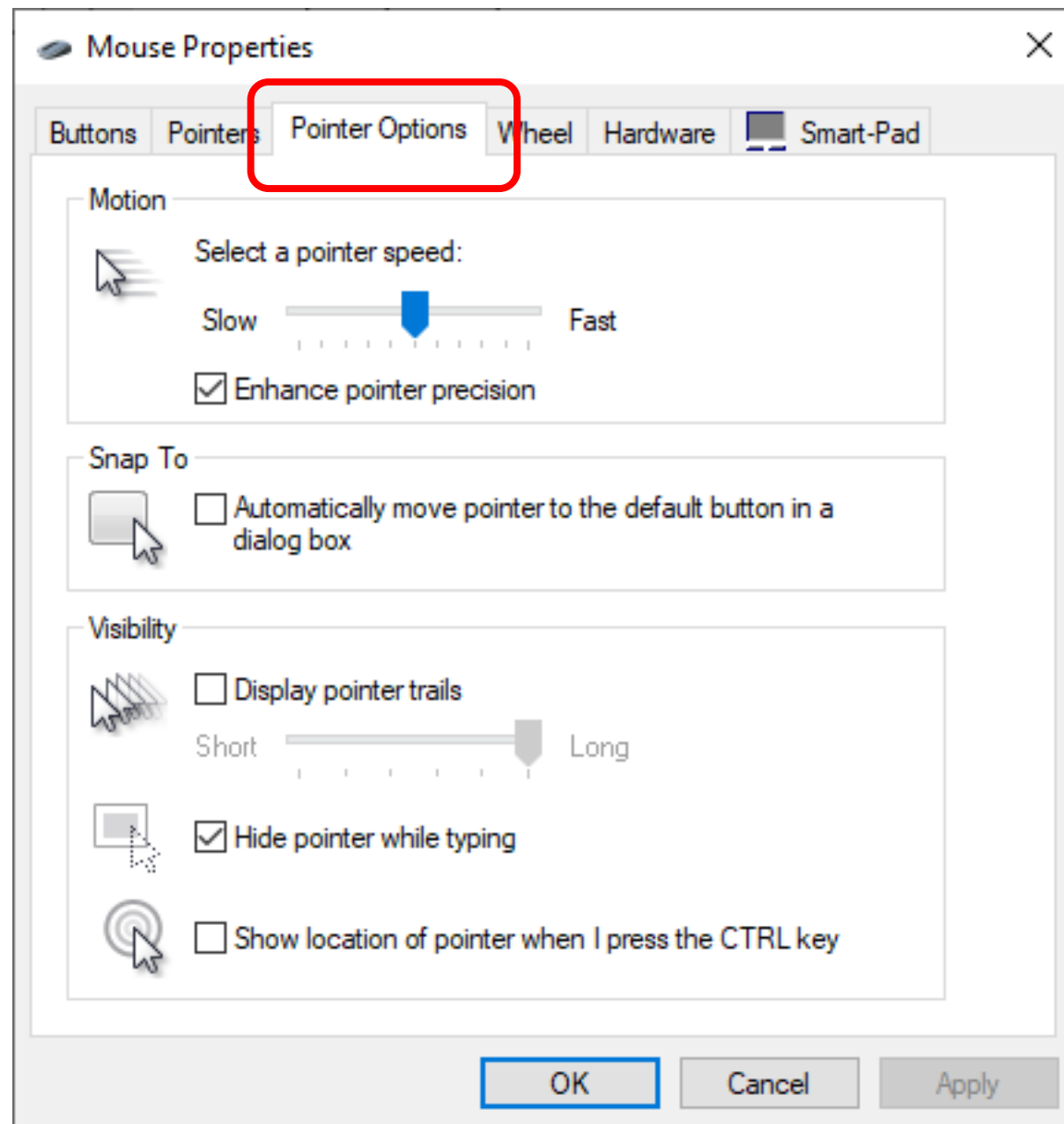
Settings...

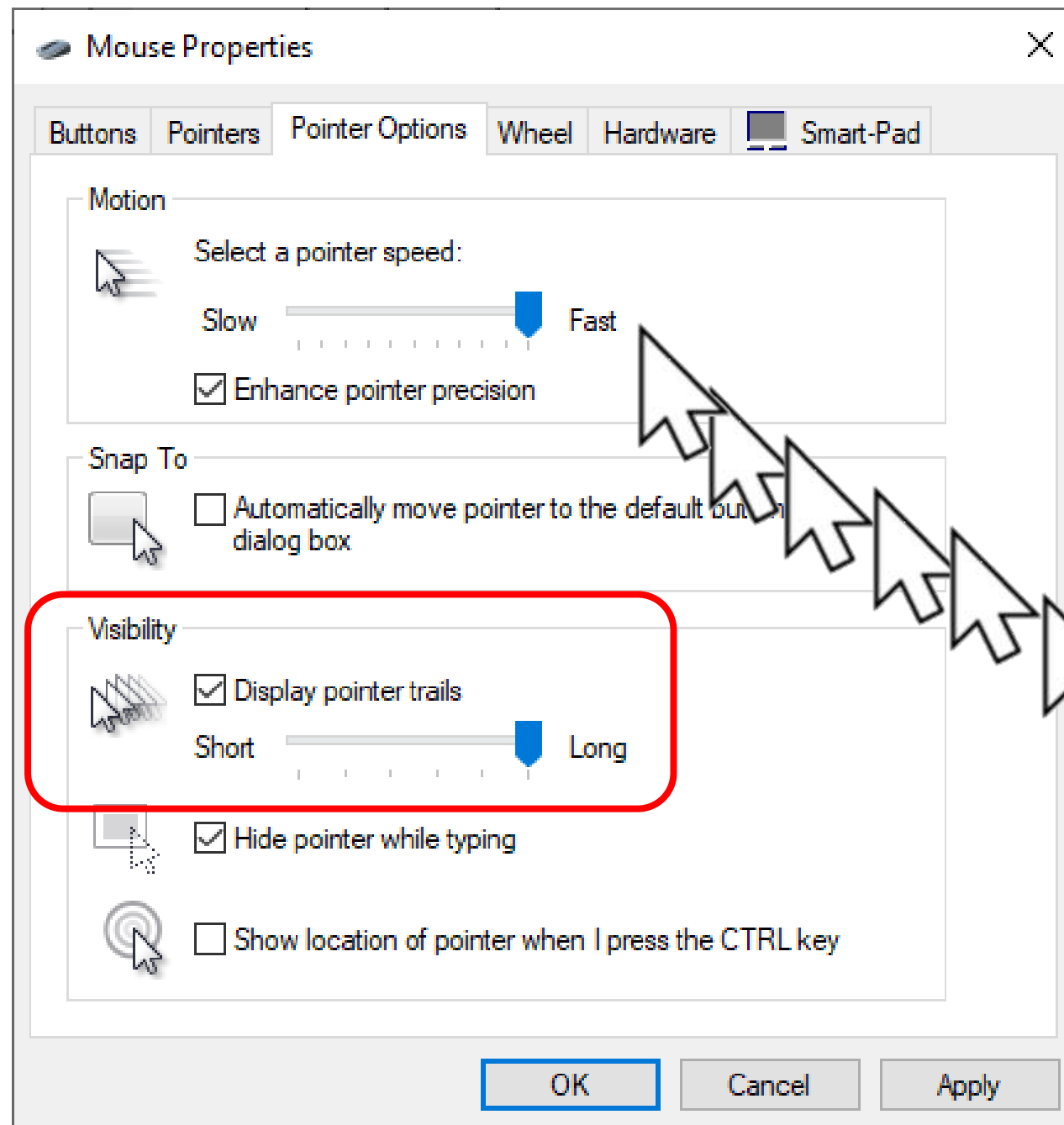
Enables you to highlight or drag without holding down the mouse button. To set, briefly press the mouse button. To release, click the mouse button again.

OK

Cancel

Apply

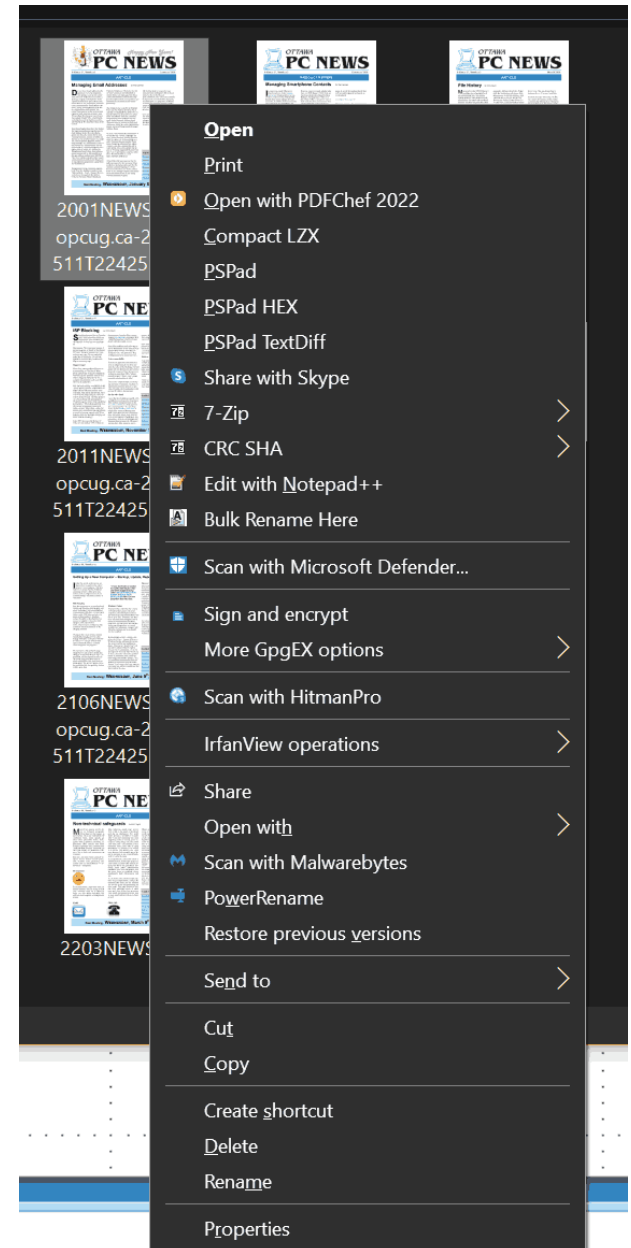




Share

Add your own right-click file explorer menu items – tom trotter

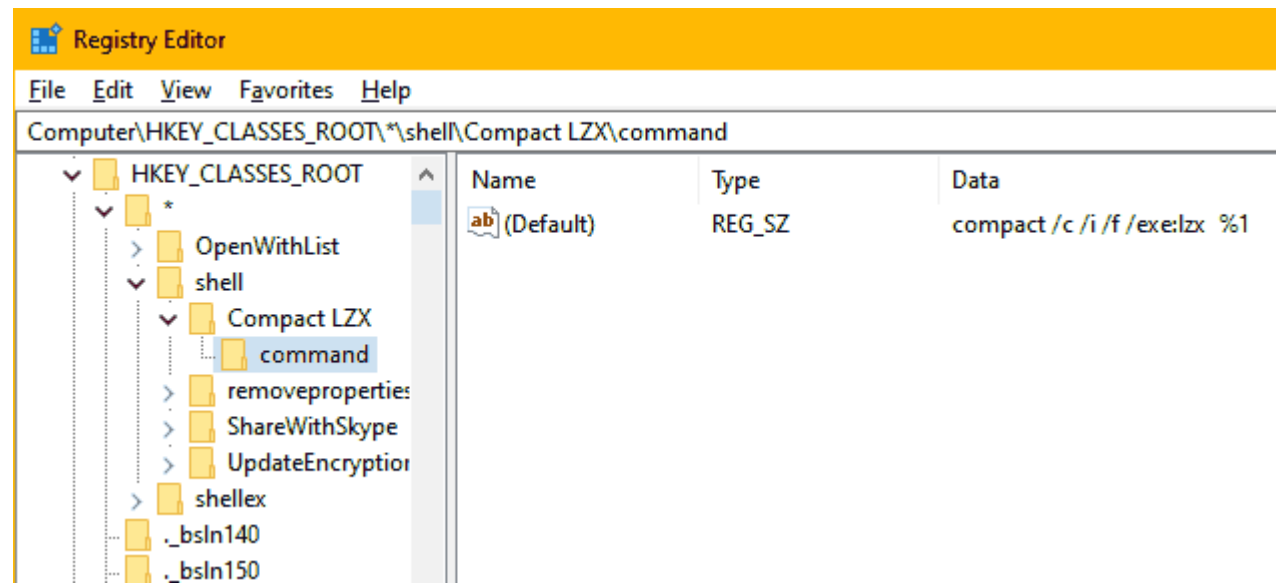
- What do you want to do to a file?
- Other programs add right-click menu items
 - PsPad
 - Share with Skype
 - etc.....



Share

How to add your menu item

- For safety, first backup the registry, eg, by creating a System Restore Point
- Open Regedit - run as administrator
- Go to **HKEY_CLASSES_ROOT/shell/***
- Create a new key, e.g., **Compact LZX**
- In that key, create a **command** key
- In the default field Data, enter your command, using %1 as the file



DEMO

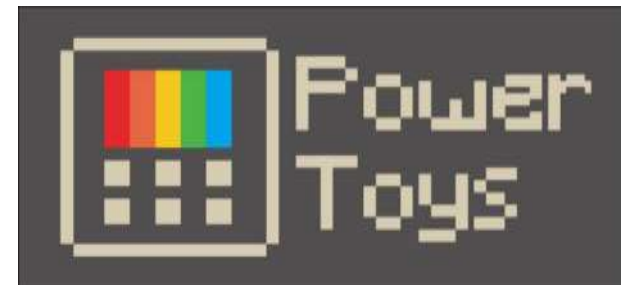
Share

More/Links

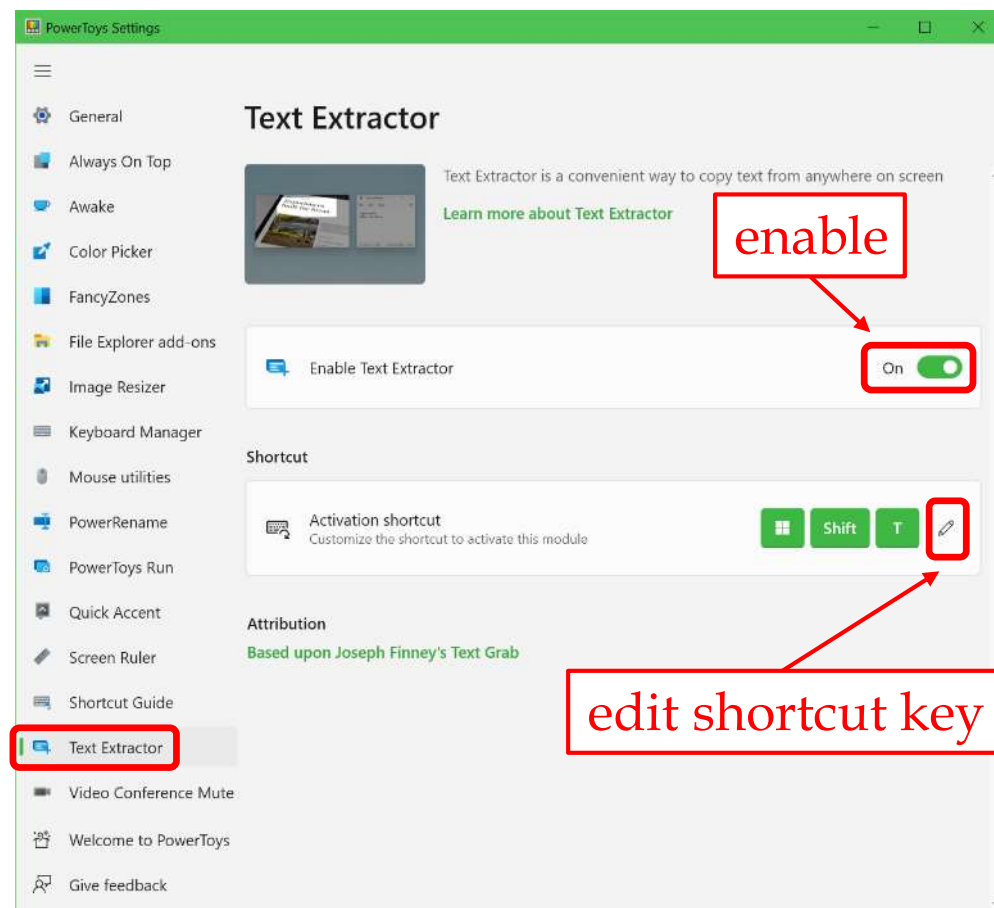
- See <https://www.howtogeek.com/107965/how-to-add-any-application-shortcut-to-windows-explorers-context-menu/> for more info, and to restrict the command
 - To particular file types
 - To directories/folders
 - When **shift**-right-click
- And
 - To add app launch to desktop right-click
 - To create **.reg** files to auto add/remove keys/values

Share

New PowerToy Text Extractor



- New in PowerToys v0.62.0
- Extract text from graphics
- Plain text output to clipboard
- Default shortcut keys



<https://docs.microsoft.com/en-us/windows/powertoys/>

graphic

- press shortcut keys
- entire screen greys
- crosshairs appear

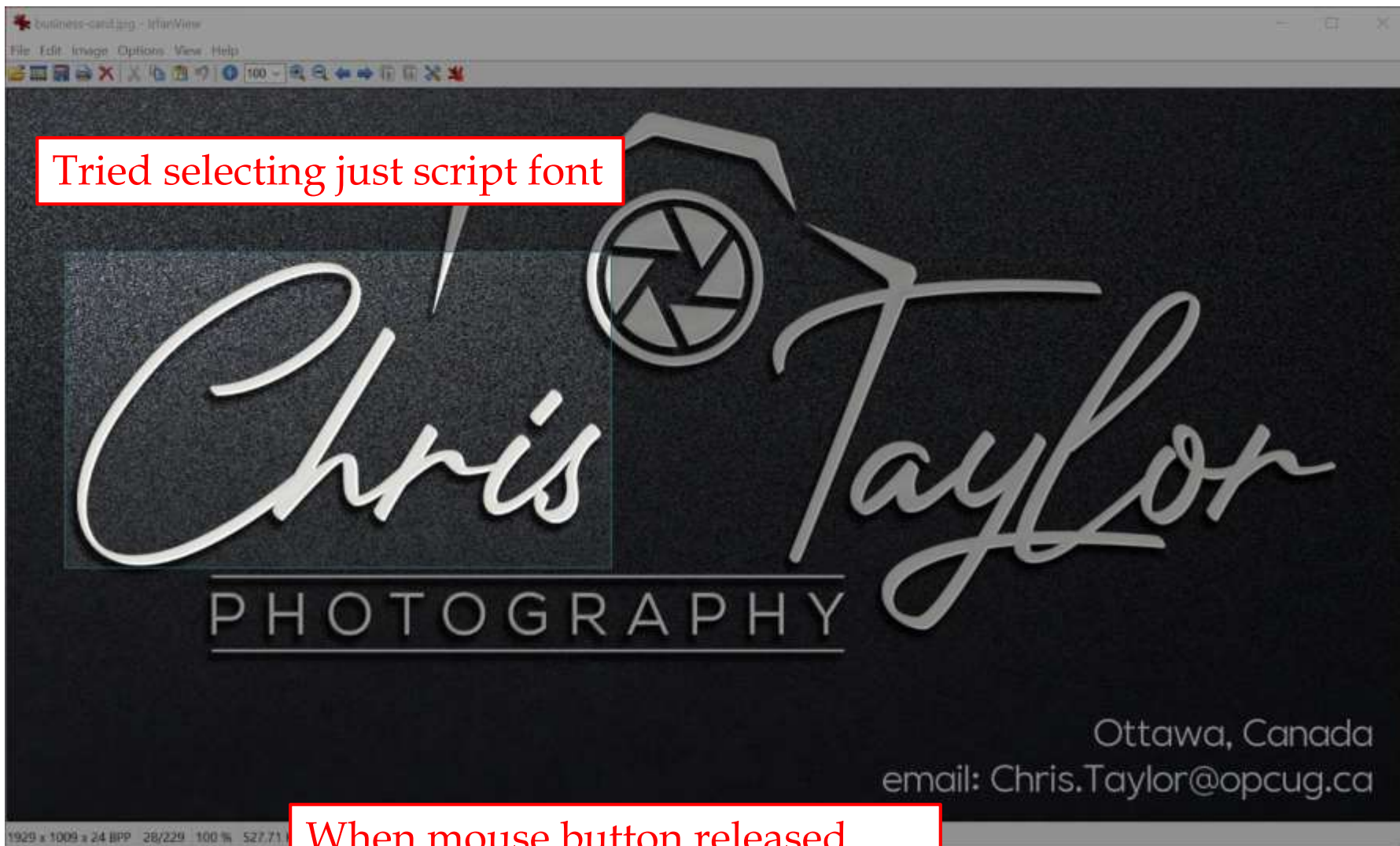
- click & drag bounding box
- release mouse
- extracted text copied to clipboard

Extracted text

PHOTOGRAPHY
Ottawa, Canada
email: Chris.Taylor@opcug.ca

missed script font

Ottawa, Canada
email: Chris.Taylor@opcug.ca



Tried selecting just script font

When mouse button released

- bounding box disappeared
- crosshairs returned
- nothing captured to clipboard

If you want to give up, press Esc key

RUSSIA-UKRAINE CONFLICT

Gavriil Grigorov / AFP - Getty

What now for Putin? After Russian retreat, the Kremlin has few good

MAR-A-LAGO SEARCH

Federal judge appoints special master to review documents seized at Mar-a-Lago

options

e Putin acknowledges China's 'concern' over Ukraine war as Xi enjoys leverage in Russia alliance

Extracted text

e

Ukraine combs mass burial site near recaptured city, says Russia 'leaves death'

'Rife with political risks': Why Garland faces tough calls in considering Trump charges

OPINION

Why the DOJ•Trump special master fight on Mar-a-Lago is a red herring

EXCLUSIVE

Friction between White House and senior Homeland Security officials mounts as migrant numbers soar

Martha's Vineyard shrugs off being the center of political debate to focus on helping migrants

Governors set sights on 2024 with buses of migrants caught in the middle

What now for Putin? After Russian retreat, the Kremlin has few good options

Federal judge appoints special master to review documents seized at Mar-a-Lago

Friction between White House and senior Homeland Security officials mounts as migrant numbers soar

Putin acknowledges China's 'concern' over Ukraine war as Xi enjoys leverage in Russia alliance

Ukraine combs mass burial site near recaptured city, says Russia 'leaves death'

OPINION
Why the DOJ•Trump special master fight on Mar-a-Lago is a red herring

Martha's Vineyard shrugs off being the center of political debate to focus on helping migrants
Governors set sights on 2024 with buses of migrants caught in the middle

Well-rendered text

- complex layout sometimes confuses order
 - sometime columns correct
 - sometimes not...
- some bullets interpreted as "e"
- hyphen interpreted as bullet
- text is extracted accurately

Better to do multiple extractions

TextExtracotr-ad.jpg - IrfanView

File Edit Image Options View Help

100

We Can Fix Your Car TODAY!

Serving Pensacola Since 1989

Pro Fast

Auto Service Center



Extensive Electrical & Computer Diagnostics

- Major & Minor Repairs
- Express Oil Changes
- Brakes / Suspension / Steering
- CV Axles
- Fuel Injection Cleaning
- Radiator Repair & Flushing
- Transmission Service

- AC Service & Repair
- Timing Bolts
- Alternators & Starters
- Water Pumps & Belt Hoses
- Engine Replacement & Rebuild
- And Lots More

Shuttle Service Available • No Appointment Needed

24 HOUR TOWING

2 Convenient Locations To Serve You Better!

Beatl's O'Charley's N. Davis Hwy.	Burgess Pro Fast Langly	Open 8:00-5:00 Mon-Fri 8:00-3:00 Sat	Hwy 29 Hood Rd.	Nine Mile Rd. Old Palafox Pro Fast
---	-------------------------------	--	--------------------	--

479-4772 **475-9840**

6808 N. Davis Hwy
Across From Beatl's Department Store

640 x 960 x 24 BPP 3/8 100 %

we Can Fix Your car TODAY!
serving Pensacola Since 1989
Pro Fast
0.

Extracted text

Extensive Electrical & Computer Diagnostics

• Major & Minor Repairs

• Express Oil Changes

• AC Service & Repair

Timing Bolts

• Brakes I Suspension / Steering

• Alternators & Starters

• CV Axles

• Fuel Injection Cleaning

• Radiator Repair & Flushing

• Transmission Service

• Water Pumps & Belt Hoses

• Engine Replacement

& Rebuild

• And Lots More

confused by columns

Mobil

1 Synthetic

24 HÆTOWING

2 Convenient Locations To Serve You Better

Bur

Open

Mon-Fri

em-3:m sat

Hood Rd.

Nine Mile Rd.

O'Char1 3

479-4772

Le,08 N. Davis Hwy.

Across From Beatl's Department store

475-9840

8812 N. Palafox. St.

• AC Service & Repair
• Timing Bolts
• Alternators & Starters
• Water Pumps & Belt Hoses
• Engine Replacement
& Rebuild
. And Lots More

extracts single column well



Well-rendered text

- some errors
- must proof!

Extracted text

Attention Facebook
Friends!!!

This Saturday (10-13-12) only ProFast Auto Service (Davis Highway Location) is having an oil change special! Our oil changes will be on sale for a special, one day price of \$16.95 (for most vehicles, up to 5 quarts of conventional oil). All you (tell your friends and family too!) need to do is mention this Facebook post. Just a thank you from ProFast, we look forward to seeing you this Saturday!

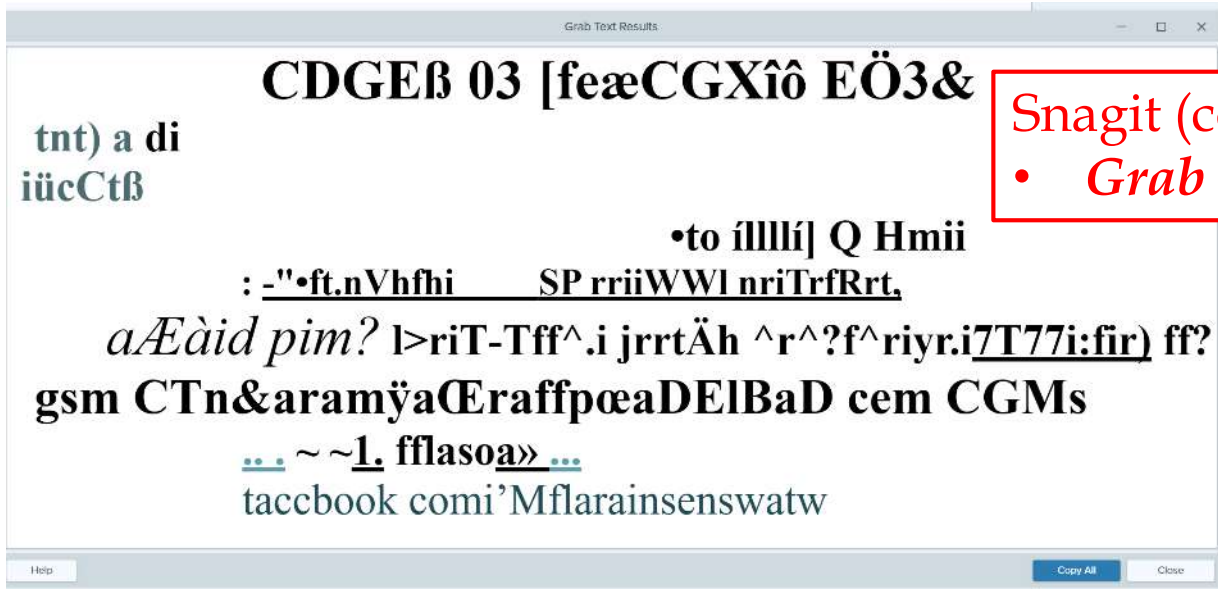


Poorly rendered text

- many errors
- *surprising it got anything right!*

Extracted text

What is Facebook Bio?
it's a simple note about who you are, what your
views about life look like, and a little hint of what
'make' you unique amidst others on social media.
In your FB bio status, you could include your
hobbies, your favorite quote, your temperament if
you want, and any other info you think
facebook.com/Mganonser



Snagit (commercial screen capture program)

- *Grab Text* function



Share

PowerToys Text Extractor

- Overall
 - it does a pretty decent job
- No matter how well-rendered the text
 - *proof the results!*
- On complex layouts
 - take multiple isolated sections for best results



<https://docs.microsoft.com/en-us/windows/powertoys/>

The Microsoft Store

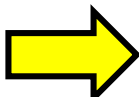




The Microsoft Store



We're looking at the Microsoft Store over four sessions.

- Part One: What Is the Microsoft Store?
- Part Two: Desktop Apps vs Microsoft Store Apps A.
-  • **Part Three: Desktop Apps vs Microsoft Store Apps B.**
- Part Four: The Best Microsoft Store Apps for Windows 10.



The Microsoft Store



Reminder

Depending on who you listen to, the term '*Microsoft Store Apps*' can refer to:

- ANY app from the Microsoft Store,
- OR
- A UWP app from the Microsoft Store.

For the sake of consistency and clarity, in this series of presentations, the term '*Microsoft Store Apps*' will refer to ANY app from the Microsoft Store, and UWP will refer specifically to a UWP app from the Store.



The Microsoft Store



Last session, we looked at apps based on the Universal Windows Platform (UWP), and all the great things about the Universal Windows Platform.



The Microsoft Store



The Universal Windows Platform Apps sounded pretty great, so why would you NOT want to use them?

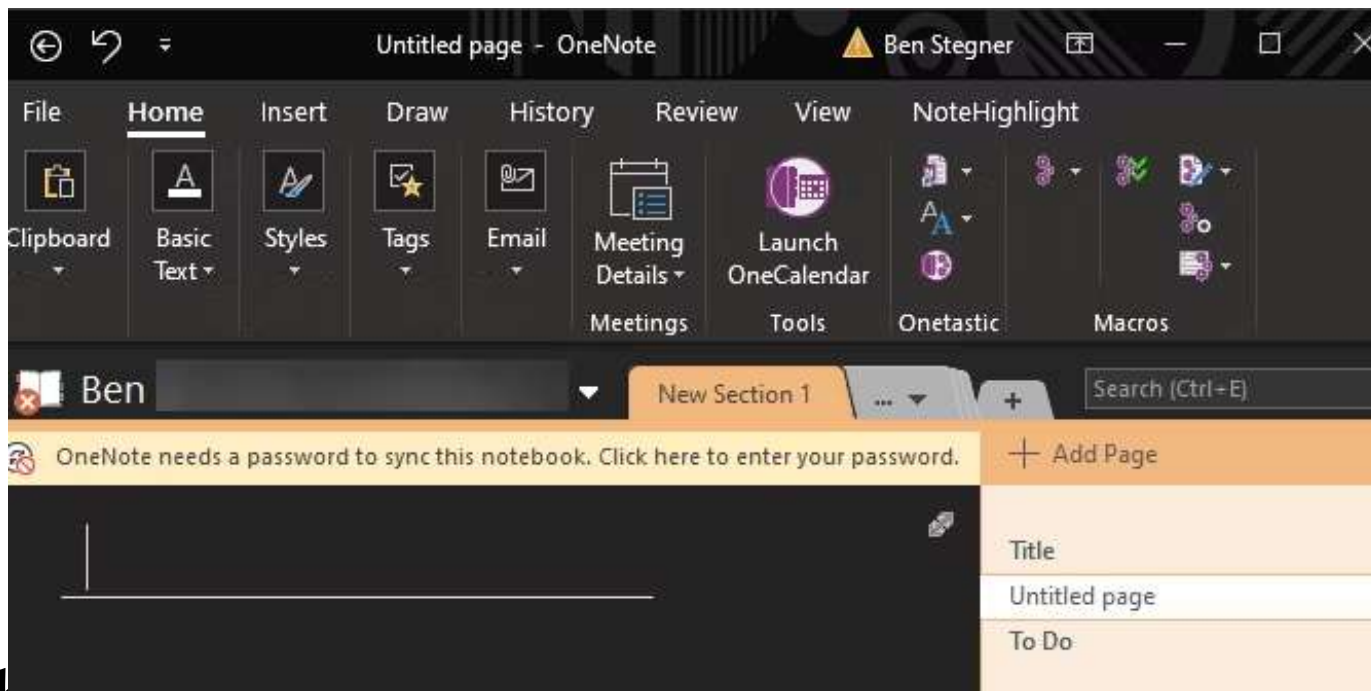
- Many UWP Apps need to operate on devices with small screens, so the user interface must be simplified to be usable on these small screens.
- The simplified user interfaces can also result in limitations on the UWP App's functionality.



The Microsoft Store



This is the desktop version of Microsoft OneNote:



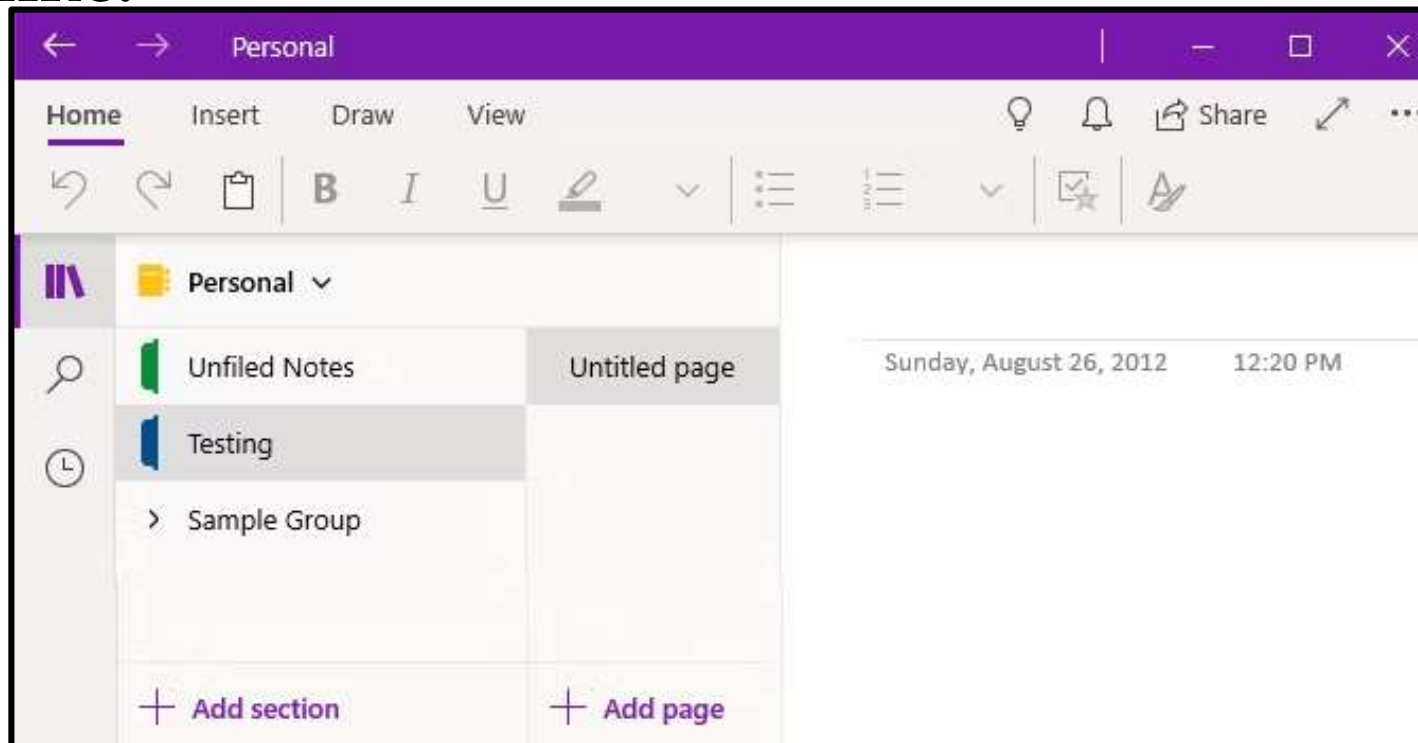
Like other Office apps, it has tabs along the ribbon for all sorts of features. These include advanced tools like revision history, the ability to record video, and all sorts of tags, plus support for macros. The buttons are also close together, as you'd expect for something designed for a mouse.



The Microsoft Store



In comparison, here's what the UWP version of OneNote looks like:



You can see how simple the interface is compared to the desktop version. It has fewer tabs and buttons with icons that are spread further apart. In addition, the Store version offers far fewer settings than its desktop counterpart.



The Microsoft Store



The UWP version of One Note feels more like an app you'd use on your phone than a desktop program.

It's perfectly suitable for quick use, but OneNote power users will find many features lacking.

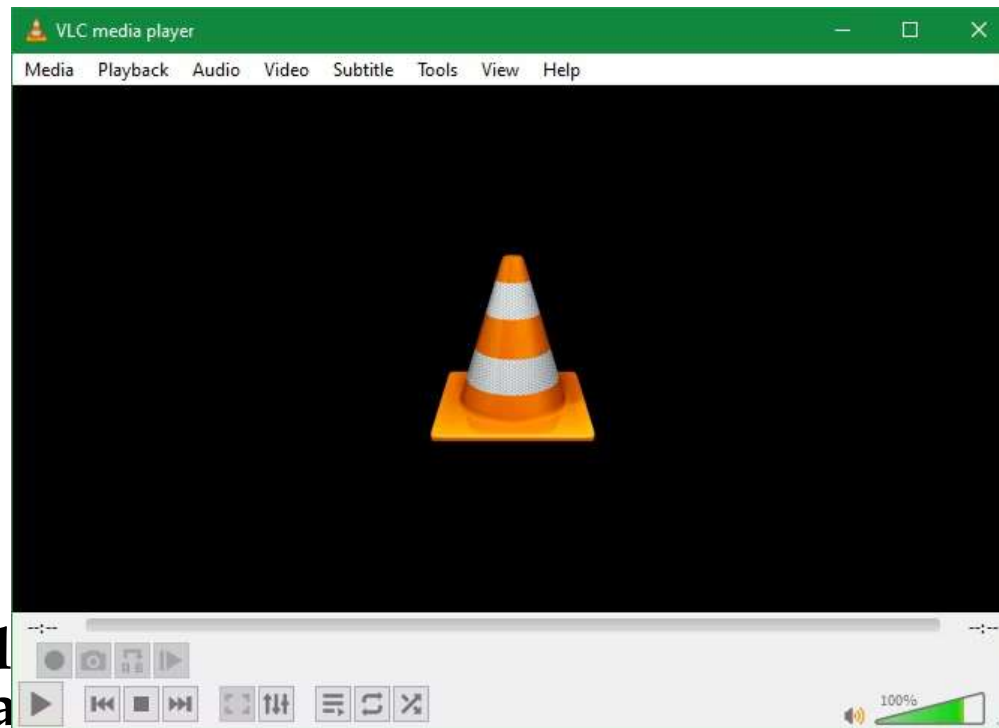
Check out [a closer look at OneNote's version differences](#) if you're interested in more.



The Microsoft Store



This is the desktop version of the popular VLC Media Player:



The desktop edition of VLC Media Player is a powerful media player that allows you to play a wide range of audio and video files. It also supports network streams, on-screen control customization, and a whole lot more. Desktop VLC supports subtitles, the ability to open media from sources like network streams, on-screen control customization, and a whole lot more. You can also expect to find features like playlist management, equalizer, and advanced audio/video settings.



The Microsoft Store



This is the is the UWP version of VLC Media Player:



You can still change some options, but there are only a handful compared to everything in the desktop version. It still offers support for subtitles and playback from network sources, but doesn't let you customize the interface, play from a DVD or Blu-ray disc, or use a lot of [VLC's other hidden tricks](#).



The Microsoft Store



You'll also notice that the buttons in the UWP version are much larger, making them easier for touchscreen users.

In third party testing, the UWP version froze up several times when trying to start a video.

The Store version is serviceable, but power users will find a lot lacking.



The Microsoft Store



Some apps are available from the Microsoft Store in both Desktop and UWP versions, but some apps in the Store are UWP only or desktop only.

If the desktop version of the app you want *isn't* available in the Store, you'll have to download it from its official website or from a third-party download site.



The Microsoft Store



- Frequently, with Store apps that cost money, you can install on as many as 10 computers for the one license fee.
- You have to do the installation under the MS Account that you used to purchase the license. So, if you are installing it on an additional computer where the person is logged in using a different MS Account, when you run the Microsoft Store app, you log out from within the Store app and log into the MS account used to purchase the license. You then install the app (it will show up under the 'Library' section in the left-hand bar). After installation, you can log out of the Microsoft Store and log back in using the 'regular' account. The app will still be available to you.
- Lynda, who presents often on photography related topics, bought PhotoScape X Pro, which is not all that inexpensive at CA\$52, but considering it can be installed on 10 computers, that brings the value up considerably. (PhotoScape X Pro is ONLY available as a Store app)
- Adobe Photoshop Elements costs CA\$129 in the Microsoft Store. It can be installed on up to 10 computers. Buying the Win32 app on the Adobe web store is US\$99. It can be installed on 2 devices.



The Microsoft Store



- Aside from UWP and desktop apps, the Store contains many apps for web services. These include Pandora, Amazon, Netflix, Instagram, and others.
- In some cases, these so-called 'apps' are simply a 'wrapper' on a website (such as Amazon). There's little reason to use these when you can go directly to the site in your favorite browser.
- Conversely, when you go to buy some apps (especially Microsoft app) from places like Amazon, you get taken to the Microsoft Store.
- Note that Microsoft apps bought from the Microsoft Store can have markedly different prices depending on the site that took you to the Store.



The Microsoft Store



- When the Microsoft Store apps for web services like Pandora, Amazon, Netflix, Instagram, and others, you might not be getting all the features you would get if you went directly to the website, and you may get a simpler user interface.
- For example, while you can scroll through Instagram in a browser, you need to use an Instagram app to access some features.
- You may also prefer to use a UWP app for video services like Netflix and Hulu for easy access, especially if you often use your laptop in tablet mode.



The Microsoft Store



Desktop vs. UWP

- Many laptop and desktop users will find that a fully featured desktop version of an app is preferable to a simplified UWP version.
- That said, the simplified UWP version may be more suitable for apps that you only need to use occasionally and only require the basic functionality, or if you frequently use your touchscreen laptop in tablet mode.



The Microsoft Store



- Much of the info in this presentation was gleaned from <https://www.makeuseof.com/tag/desktop-vs-windows-store-apps-download/>
- However, the article gives the impression that almost all of the apps available from the Microsoft Store are UWP apps (they even refer to them as 'Microsoft Store' apps).
- Explore their roundup of [the best apps in the Microsoft Store](#) (we'll be covering some of these next session).
- And if you download any desktop app, be sure to check the integrity of the installer with one of these [free hash checkers](#).



The Microsoft Store



Coming up next:

- Part One: What Is the Microsoft Store?
- Part Two: Desktop Apps vs Microsoft Store Apps A.
- ➔ • Part Three: Desktop Apps vs Microsoft Store Apps B.
- Part Four: The Best Microsoft Store Apps for Windows 10.



URL's



The web version of the Microsoft Store is at <https://www.microsoft.com/en-ca/>

Info on Microsoft's Universal Windows Platform

https://en.wikipedia.org/wiki/Universal_Windows_Platform_apps

Info on the Microsoft Store

https://en.wikipedia.org/wiki/Microsoft_Store

What Is the Microsoft Store and How Do I Use It on Windows 10?

<https://www.makeuseof.com/tag/microsoft-store-windows-10/>

The best apps in the Microsoft Store.

[t https://www.makeuseof.com/tag/best-windows-10-apps/](https://www.makeuseof.com/tag/best-windows-10-apps/)

A closer look at OneNote's version differences

<https://www.makeuseof.com/tag/switch-onenote-windows-10/>

VLC's other hidden tricks

<https://www.makeuseof.com/tag/7-top-secret-features-free-vlc-media-player-si/>

How to check the integrity of the installer you download for any desktop app with one of these free hash checkers.

<https://www.makeuseof.com/tag/free-hash-checkers-file-integrity/>

Costco Deals On Smartphones

- **The base price of the smartphones (the price any purchase plan is based on) is usually cheaper at Costco (sometimes hundreds of dollars cheaper) than other places such as the carrier's store or website, or other dealers.**
- **Costco deals with all the major carriers (Bell, Rogers, Virgin, Fido, etc.).**

Costco Deals On Smartphones

- **Costco has a current promotion on where some smartphones are an extra one to three hundred dollars off, plus you get a \$300 Costco gift card.**
- **The guy at Costco had no idea when the promotion would end. “It might end tomorrow, it might end after Christmas”.**
- **They are running out of phones on the deal, so if you want to upgrade, do it SOON!**

Costco Deals On Smartphones

- **If you upgrade a Samsung to a Samsung, they have an app that transfers all of your apps, settings, data, pictures, etc. over to the new phone seamlessly.**
- **The new phones often come with free earbuds and car chargers.**



**Any other:
Questions
Comments
Shares?**



If we have time...

Google's Enhanced Safe Browsing

Proactive protection against dangerous websites...



October Meeting

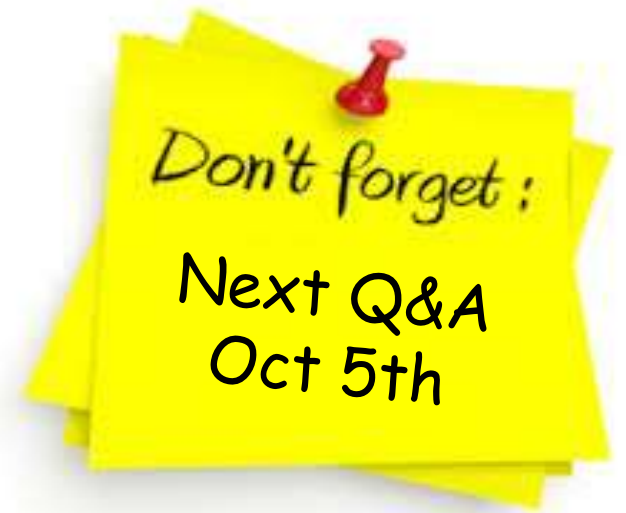


General Computer Hardware

Paul and Maria Middleveen
The Trailing Edge

October 12, 2022
7:30 pm





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

SuggestionBox@opcug.ca

