



Alan German & Chris Taylor

Ottawa PC Users' Group

May 28, 2025

June Meeting

Pizza-Q

Britannia Park
Trolley/Picnic Station

June 11, 2025

6:00 pm



Register by E-mail to: pizzaparty@opcug.ca



Laptop battery malfunctioning

- I purchased a battery for my Lenovo E560
- It would fire up correctly but before long it would automatically shut down
- I sent it back for servicing but it still did the same thing
- Laurier Computers found that it is not a Lenovo battery and it's missing some sort of circuitry that would prevent the problem
- Does anyone has a solution that might overcome this without my handing out another \$100+ for a genuine Lenovo battery?



Eldon Gaw

A Rebuild the battery?

Total Battery

1151 Newmarket St, Ottawa

"Our modification centres are able to assemble and build all types of custom battery packs for all types of chemistries. We can also re-build discontinued battery types..."

<https://www.totalbattery.com>

Batteries Dixon Inc

12-210 Colonnade Rd S, Ottawa

<http://batteriesdixon.com>

Calibre eBook library Demo



Prerequisites

- Calibre <https://calibre-ebook.com/>
- DeDRM plugin
https://github.com/apprenticeharper/DeDRM_tools/releases
- \$30USD Kindle (pre-2025-04) DeDRM
<https://www.epubor.com/software.html>
- Adobe Digital Editions
<https://www.adobe.com/ca/solutions/ebook/digital-editions/download.html>

Public Domain in Canada

- Either released to PD (Cory Doctorow, others) or old: <https://copyright.ubc.ca/public-domain/>
- Can store Public Domain or your DRM-free books Dostoevsky, William Shakespeare...
<https://www.humblebundle.com/store/promo/books/>
- <https://www.epubor.com/best-sites-for-public-domain-books.html>
- MS & other publishers also publish DRM-free books

Download book from Library

- Open(vs Save) acsm to get Adobe to download book
- Back to Adobe Library
- Open file in explorer
- Drag to calibre
- View
- Edit metadata
- Export to Kindle

Questions?



eSIM with non-expiring data

- Canadian startup Sweat Free Telecom sells pre-paid eSIM cards with data that doesn't expire
- Sweat Free founder Chanakya Ramdev described it as *"a spare tire for your phone"*
- Supports multiple networks (Bell, Rogers, Telus and more)
- Canada, US and Mexico
- 1 GB of data \$ 50.00 (currently on sale for \$15.99)
- Options to avoid roaming fees for overseas travel

<https://www.sweatfree.co>

Stewart Bruce



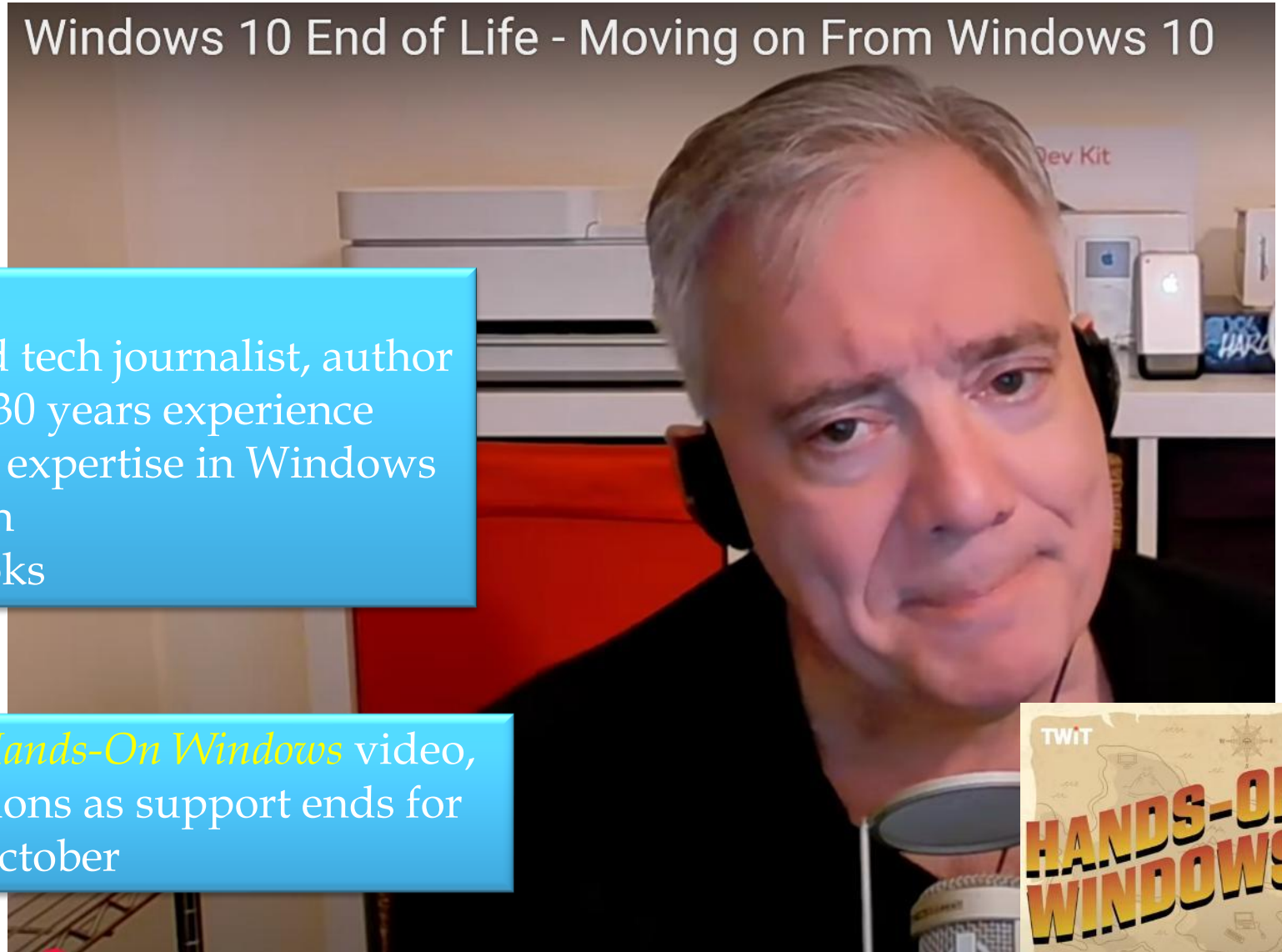
Moving on from Windows 10

Windows 10 End of Life - Moving on From Windows 10

Paul Thurrott

- highly respected tech journalist, author & blogger with 30 years experience
- known for deep expertise in Windows & consumer tech
- authored 30 books

In this 10-minute *Hands-On Windows* video, Paul outlines 5 options as support ends for Windows 10 this October



<https://www.youtube.com/watch?v=R4MKLikmMhw>



How to Setup Windows PROPERLY

YouTubeTech

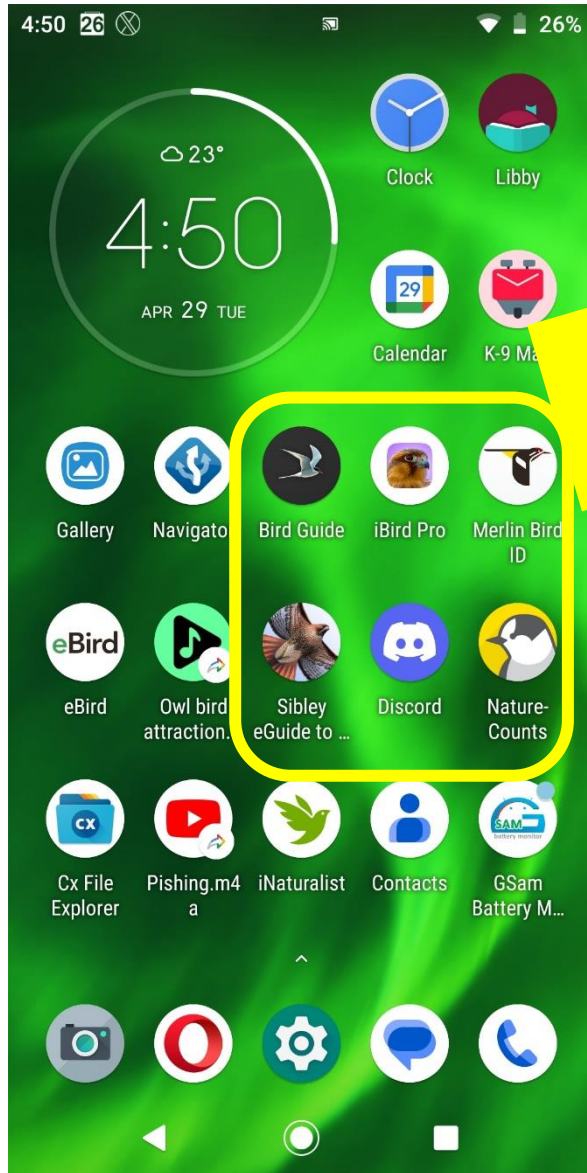
- Linus Tech Tips
 - Downloading Windows
 - Network Drivers
 - Getting ready for installation
 - Ninite
 - OOBE
 - Driver Updates
 - Managing Startup Apps
 - Debloating
 - Anti-Virus?
 - Magical Tips
 - Rufus
 - Online results in the windows search function
 - Our Last Trick



<https://www.youtube.com/watch?v=MBCiMK4AmEI>

Share

Transfer an App from one Android Phone to Another



Merlin Bird ID

Free app; download and install

Part 2

Guide to Birds

Purchased app; download and install

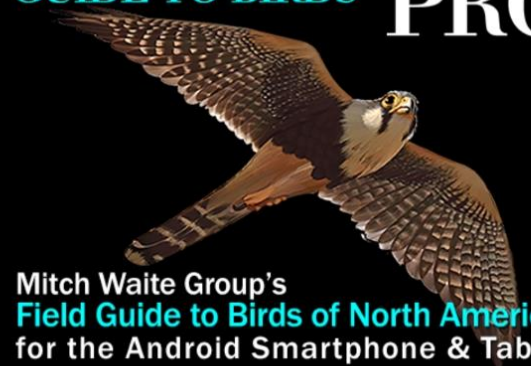
iBird Pro

Purchased app; **no longer available in the Google Play Store**

So, what now...?

iBird

GUIDE TO BIRDS PRO



Mitch Waite Group's
Field Guide to Birds of North America
for the Android Smartphone & Tablet

iBird Pro Guide to Birds



Set View / Sort Mode

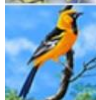
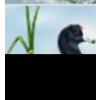
Search >

Species: 962

Enter Common Name Search Text

COMMON
NAME

A

**Abert's Towhee***Melospiza aberti***Acadian Flycatcher***Empidonax virens***Acorn Woodpecker***Melanerpes formicivorus***Akohekohe***Palmeria dolei***Alder Flycatcher***Empidonax alnorum***Aleutian Tern***Onychoprion aleuticus***Allen's Hummingbird***Selasphorus sasin***Altamira Oriole***Icterus gularis***American Avocet***Recurvirostra americana***American Bittern***Botaurus lentiginosus***American Black Duck***Anas rubripes***American Coot**

A

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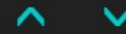
X

Y

Z

Close

Alder Flycatcher



FIELD MARKS OFF

FAVORITE OFF



Scroll down for more, tap Illustration for Full Screen

Alder Flycatcher: Small flycatcher with olive-brown upperparts, white underparts, and indistinct white eye-ring. Wings are olive-brown with two white or pale bars. Bill is short with orange lower mandible. Black legs and feet. Weak fluttering direct flight with shallow, rapid wing beats.

Empidonax alnorum

PASSERIFORMES

Tyrant Flycatchers (Tyrannidae)

ALFL

General(4)

Range

Photos(2)



Products

Sounds

Similar



Download Database

Use this page to download the entire iBird database for viewing in the field without Internet.

[Sign in with Google](#)

DOWNLOAD INSTRUCTIONS. If you have an SD Card there will be two storage location buttons. Use the size of the storage to determine which button to press. If you wish to move the entire database from one storage area to another use the button to delete from the current stored location and the other button to download it to the new location. Use Settings->Applications->iBird to move the app itself from one storage area to another.



Downloading iBird data

2:07 PM

21 minutes left

65%

DATABASE PROGRESS. Follow your database download progress by pulling down the NOTIFICATION menu from the top of the device screen.

Both storage options are greyed out

Internal Storage

29.39 GB of 54.04 GB free

DOWNLOAD
HERE

SD Card

11.91 GB of 32.02 GB free

DOWNLOAD
HERE

Where are the local database files for iBird Pro stored on an Android phone?

Location of iBird Pro Local Database Files on Android

The local database files for iBird Pro on an Android device are typically stored in the following locations, depending on your device configuration and app version:

- **Primary Storage Location:**

The main database and associated files (such as images and sounds) are stored in the folder:

text

`/Android/obb/com.whatbird.pro`



This path is usually on your device's internal storage, but may also be on an SD card if your device and app version support it ¹ ³.



Main storage ▾



Android > data > com.whatbird.pro > files



main.655.com.whatbird.pro.obb

1.39 GB



**Copy the .obb database file
to the second phone**

← X-plore



/storage/emulated/0/Download/Quick...

3

Audiobooks

DCIM
1

Documents

Download
1

Quick Share
2

iBird Pro 7.6.825.apk
Apr 25, 9:35 a.m. 65MB

main.655.com.whatbird.pro.obb
Feb 3, 2019 1.3GB

Movies
1

Music
2

Notifications

Pictures
2

Podcasts

Received Files
7

Recordings

Ringtones

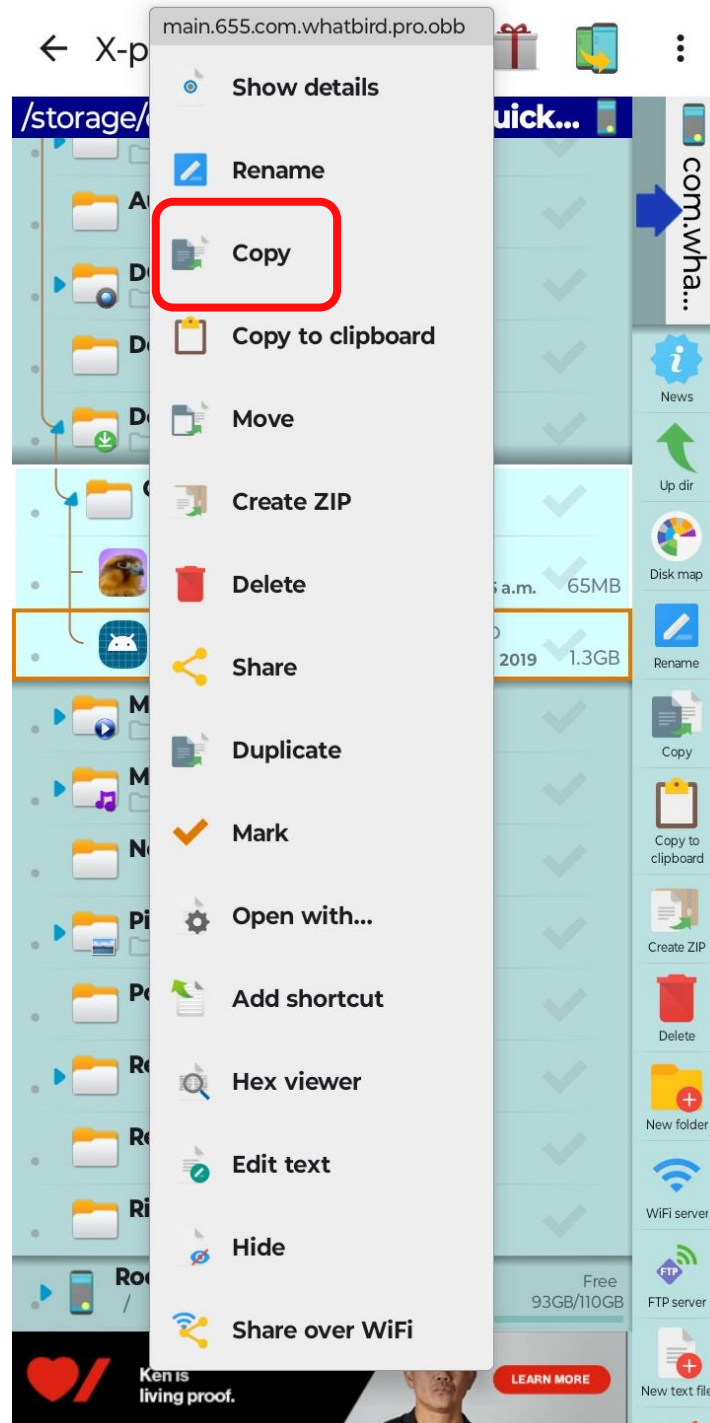
Root
Free 93GB/110GB

com.wha...



Research is helping
almost 1 million people
beat stroke.

[LEARN MORE](#)



← X-plore

/storage/emulated/0/Download/Quick...

Audiobooks

DCIM

Documents

Download

Quick Share



Copy

main.655.com.whatbird.pro.obb



1.30GB



Move mode (delete source files)

Copy to



Android/data/com.whatbird.pro

CANCEL

OK

Pictures

Podcasts

Received Files

Recordings

Ringtones

Root

Free
93GB/110GBKen is
living proof.

LEARN MORE

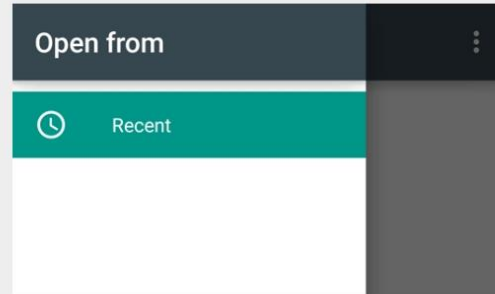
New text file

Special access to Internal storage

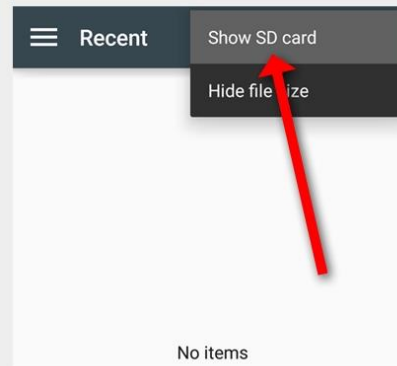
One time action is needed to get writing access to your external memory card.

Please click Continue to proceed.

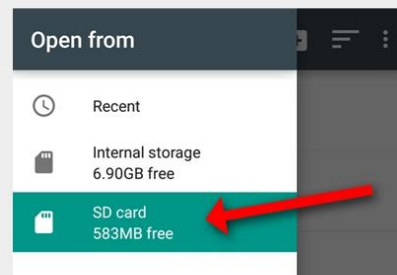
You will get dialog similar to this:



You need to click menu, and enable to Show SD card.



Then select the SD card from left menu.



CANCEL

CONTINUE

moto g 5G - 2024



moto g 5G - 2024

Files on moto g 5G - 2024

**Can't use this folder**

To protect your privacy, choose another folder

CREATE NEW FOLDER



Alarms



Android



Audiobooks



DCIM



Documents



Download



Movies



Music



Notifications



Pictures



Podcasts



Received Files



Recordings



Ringtones

USE THIS FOLDER

How can I access the `/storage/emulated/0/Android/data` folder on a Moto 5 5G phone?

Accessing the `/storage/emulated/0/Android/data` folder on a Moto 5 5G (or any modern Android device) has become increasingly restricted due to Android's scoped storage policies, especially on Android 11 and above. Here are the most reliable methods currently available:

Methods to Access `/storage/emulated/0/Android/data`

1. Use a Third-Party File Manager with Shizuku

- Install the FV File Manager or MiXplorer from the Play Store.
- Set up the Shizuku app, which allows enhanced permissions for file managers without rooting your device.
- Grant file manager access to Shizuku.
- Open the file manager, navigate to `/storage/emulated/0/Android/data`, and when prompted, tap "Use this folder" and grant permission. You should now be able to view, copy, and manage files within the `data` folder ⁶ ⁷.



Google Play

Games

Apps

Books

Kids



Shizuku

Xingchen & Rikka

4.1★

24.7K reviews

10M+

Downloads

E

Everyone



Install



This app is available for some of your devices

Why was Shizuku born?

The birth of Shizuku has two main purposes.

1. Provide a convenient way to use system APIs
2. Convenient for the development of some apps that only requires adb permissions*

*** Android Debug Bridge**

How do I set up Shizuku?

How to Set Up Shizuku on Your Android Device (No Root, No PC Required)

You can set up Shizuku easily on your Moto 5 5G (or any Android 11+ device) using **wireless debugging**-no root or computer needed. Here's a step-by-step guide:

1. Enable Developer Options

- Go to **Settings > About phone**.
- Tap **Build number** seven times until you see a message that developer mode is enabled. You may need to enter your device PIN or password  .

2. Enable Wireless Debugging

- Go back to **Settings > System > Developer options**.
- Find and turn on **Wireless debugging**.
- Tap on **Wireless debugging** to enter its submenu   .

3. Pair Your Device for Wireless Debugging

- In the **Wireless debugging** menu, tap **Pair device with pairing code**.
- A six-digit pairing code will appear, along with an IP address and port  .

4. Install and Open the Shizuku App

- Download **Shizuku** from the Google Play Store and install it.
- Open the Shizuku app   .

5. Start Shizuku Using Wireless Debugging

- In the Shizuku app, choose the option to start Shizuku via wireless debugging.
- Enter the pairing code from step 3 when prompted (you may get a notification asking for this code).
- Once paired, tap **Start** in the Shizuku app  .

6. Confirm Shizuku is Running

- The app will indicate when the service is running. You should see a message like “Shizuku is running” or a similar indicator   .

“Note: Shizuku will need to be restarted if you reboot your device .

Shizuku



Shizuku is not running



Start via Wireless debugging

On Android 11 or above, you can enable Wireless debugging and start Shizuku directly from your device, without connecting to a computer.

Please view the step-by-step guide first.

 Step-by-step guide

 Pairing

 Start



Start by connecting to a computer

For devices without root, you need to use adb to start Shizuku (requires computer connection). This process needs to be repeated every time the device is restarted. Please [read the help](#).

 View command



Start (for rooted devices)

← Pairing



A notification from Shizuku will help you complete the pairing.



Shizuku needs to access local network. It is controlled by the network permission.

Some systems (such as MIUI) disallow apps to access the network when they are not visible, even if the app uses foreground service as standard. Please disable battery optimization features for Shizuku on such systems.



Enter "Developer options" - "Wireless debugging". Tap "Pair device with pairing code", you will see a six-digit code.

Please note, left part of the "Wireless debugging" option is clickable, tapping it will open a new page. Only turning on the switch on the right is incorrect.



Developer options



Enter the code in the notification to complete pairing.



Back to Shizuku and start Shizuku.

 Search settings **Safety & emergency**
Emergency SOS, medical info, alerts **Digital Wellbeing & parental controls**
Screen time, app timers, bedtime schedules **Google**
Services & preferences **System updates**
Update to the latest software **Rating & feedback**
Send suggestions & rate your device **Help**
Use phone, fix issues **System**
Languages, time, backup **About phone**
moto g 5G - 2024

**Tap *About Phone*
7 times (!) to enable
Developer Options**



System



Languages

System languages, app languages, speech



Keyboard

On-screen keyboard, tools



Date & time

GMT-04:00 Eastern Daylight Saving Time



Backup



Reset options



Developer options



Performance



Use developer options



System UI demo mode

Quick settings developer tiles

Debugging

USB debugging

Debug mode when USB is connected



Revoke USB debugging authorizations

Wireless debugging

Debug mode when Wi-Fi is connected

Disable adb authorization
timeoutDisable automatic revocation of adb
authorizations for systems that have not
reconnected within the default (7 days) or
user-configured (minimum 1 day) amount of
time.

Bug report shortcut

Show a button in the power menu for taking
a bug report

Enable verbose vendor logging

Include additional device-specific vendor log
in bug reports, which may contain private
information.



Wireless debugging

Use wireless debugging



Device name

moto g 5G - 2024

IP address & Port

192.168.2.243:37263



Pair device with QR code

Pair new devices using QR code scanner



Pair device with pairing code

Pair new devices using six digit code

Paired devices

shizuku





Searching for pairing service

[Stop searching](#)

A notification from Shizuku will help you complete the pairing.



Shizuku needs to access local network. It is controlled by the network permission.

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[Developer options](#)

Enter the code in the notification to complete pairing.



Back to Shizuku and start Shizuku.



Pairing service found

[Enter pairing code](#)

Wireless debugging

Use wireless debugging



Pair with device

Wi-Fi pairing code

118661

IP address & Port

192.168.2.243:37405

[Cancel](#)

Pair device with pairing code

Pair new devices using six digit code

Paired devices

shizuku





Pairing service found



118661



Pair with device

Wi-Fi pairing code

118661

IP address & Port

192.168.2.243:37405

Cancel

IP address & Port

192.168.2.243:37263



Pair device with QR code



GIF



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Shizuku



Shizuku is not running



Start via Wireless debugging

On Android 11 or above, you can enable Wireless debugging and start Shizuku directly from your device, without connecting to a computer.

Please view the step-by-step guide first.

 Step-by-step guide

 Pairing

 Start



Start by connecting to a computer

For devices without root, you need to use adb to start Shizuku (requires computer connection). This process needs to be repeated every time the device is restarted. Please [read the help](#).

 View command



Start (for rooted devices)

✕ Starter

Starting with wireless adb...

```
info: start.sh begin
info: attempt to copy starter from /storage/emulated/0/Android/data/
moe.shizuku.privileged.api/starter to /data/local/tmp/shizuku_starter
info: exec /data/local/tmp/shizuku_starter
info: starter begin
info: killing old process...
info: apk path is /data/app/~~4SwxIFklHVXxyDRActTMtA==/
moe.shizuku.privileged.api-7v4tVuSo6ipZMlysRRq-4w==/base.apk
info: starting server...
info: shizuku_starter exit with 0
```

Waiting for service...

Service started, this window will be automatically closed in 3 seconds

Shizuku



Shizuku is running

Version 13.5, adb



Authorized 1 application

Tap to manage authorized apps



Use Shizuku in terminal apps

Run commands through Shizuku in terminal apps you like



Start via Wireless debugging

On Android 11 or above, you can enable Wireless debugging and start Shizuku directly from your device, without connecting to a computer.

Please view the step-by-step guide first.



Step-by-step guide



Pairing



Start



Start by connecting to a computer

← X-plore



/storage/emulated/0/Download/Quick...

Internal shared storage

Free
92GB/110GB16
/storage/emulated/0

Alarms

Android

3

Audiobooks

DCIM

1

Documents

Download

1

Quick Share

2



iBird Pro 7.6.825.apk

Apr 25, 9:35 a.m.

65MB



main.655.com.whatbird.pro.obb

Feb 3, 2019

1.3GB

Movies

1

Music

2

Notifications

Pictures

2

Podcasts

Received Files

7

Recordings



New text file

com.wha...



News



Up dir



Disk map



Rename



Copy



Copy to clipboard



Create ZIP



Delete



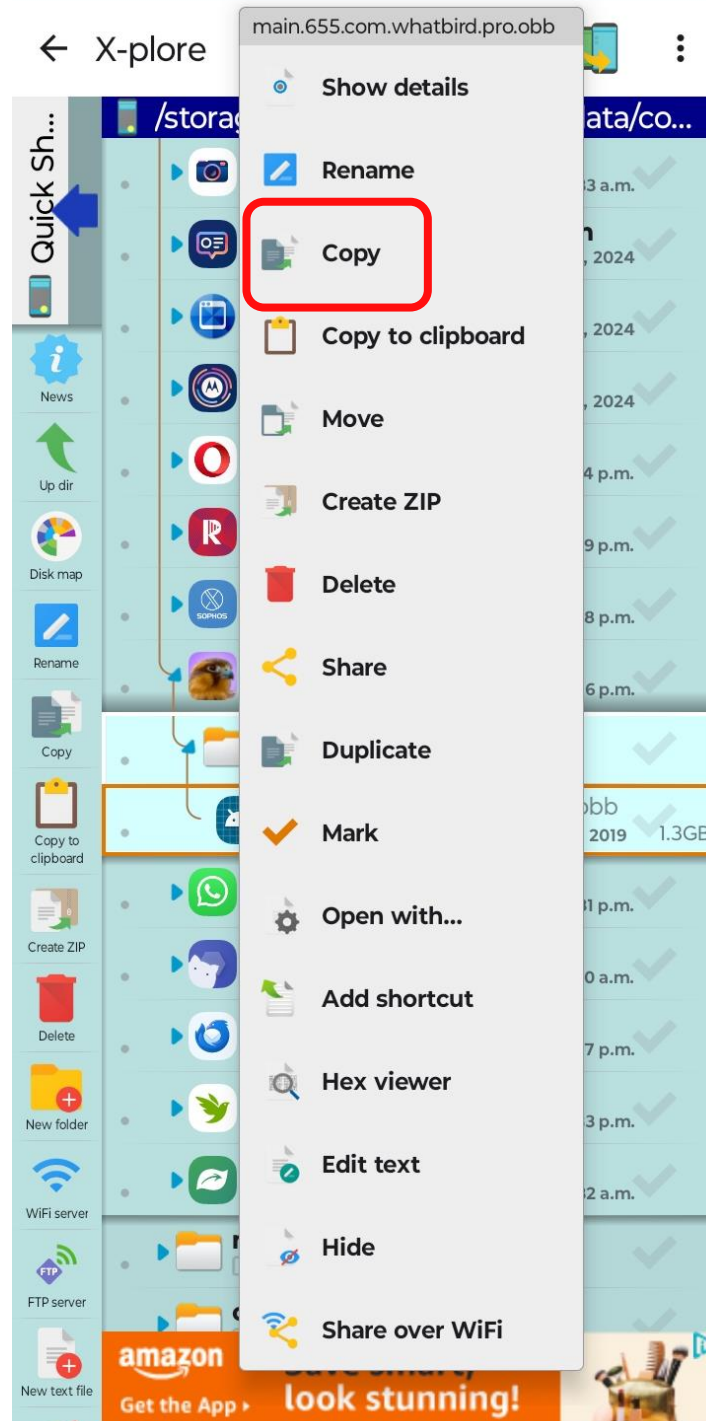
New folder



WiFi server



FTP server



← X-plore

/storage/emulated/0/Download/Quick...

Internal shared storage

Free
92GB/110GB16
/storage/emulated/0

Alarms

Android

Audiobooks

DCIM

 Copy

main.655.com.whatbird.pro.obb

1.30GB

☐ Move mode (delete source files)

Copy to

 Android/data/com.whatbird.pro/
files

CANCEL

OK

Music

Notifications

Pictures

Podcasts

Received Files

Recordings



← X-plore



Quick Sh...

News

Up dir

Disk map

Rename

Copy

Copy to clipboard

Create Z...

Delete

New folder

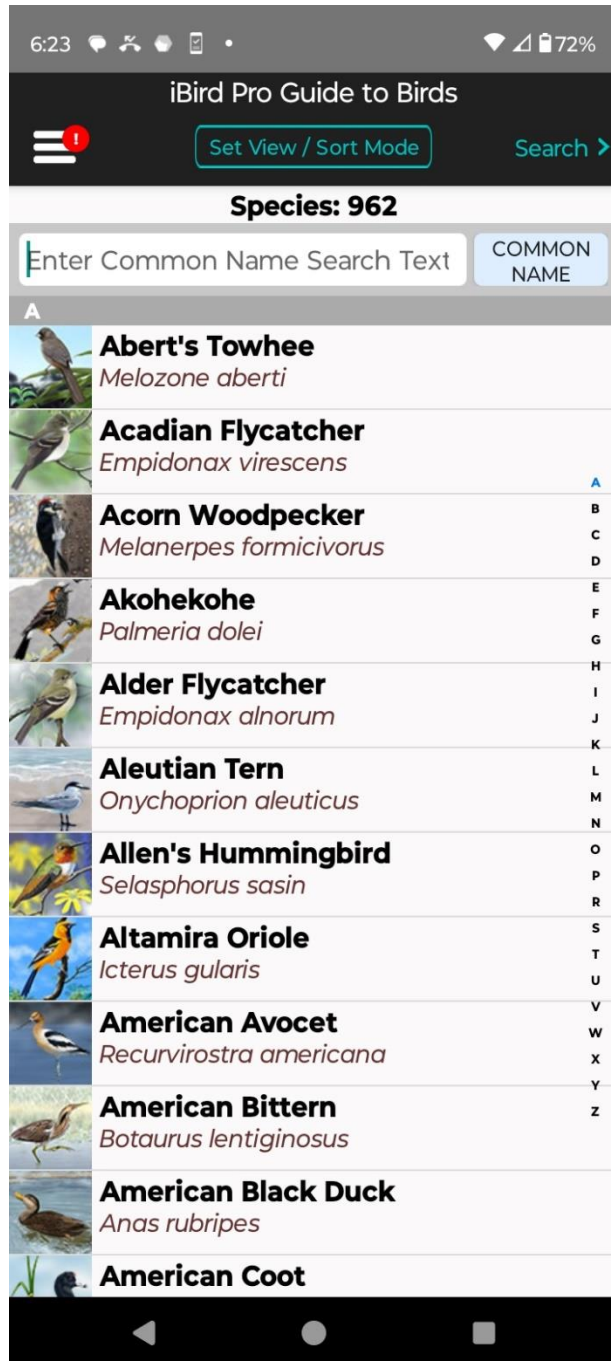
WiFi server

FTP server

New text file

/storage/emulated/0/Android/data/co...

- com.lonelycatgames.Xplore**
2 Apr 25, 10:28 a.m.
- com.motorola.aiservices**
1 Mar 15, 2024
- com.motorola.camera3**
1 Apr 29, 9:33 a.m.
- com.motorola.ccc.notification**
2 Mar 15, 2024
- com.motorola.ccc.ota**
1 Mar 15, 2024
- com.motorola.moto**
2 Mar 15, 2024
- com.opera.browser**
2 Apr 16, 4:34 p.m.
- com.radioplayer.mobile**
2 Apr 16, 3:09 p.m.
- com.sophos.smsec**
1 May 2, 2:58 p.m.
- com.whatbird.pro**
1 May 2, 4:16 p.m.
 - files**
1
 - main.655.com.whatbird.pro.obb**
Feb 3, 2019 1.3GB
- com.whatsapp**
2 Apr 16, 4:31 p.m.
- moe.shizuku.privileged.api**
1 2 Apr 27, 8:30 a.m.
- net.thunderbird.android**
1 Apr 16, 4:57 p.m.
- org.inaturalist.android**
3 Apr 27, 12:33 p.m.
- org.inaturalist.seek**
3 Apr 29, 9:32 a.m.



* May have to *Mount* (from a *pop-up dialogue box*) the database file the first time the app is run

iBird Pro Guide to Birds



Set View / Sort Mode

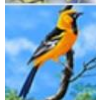
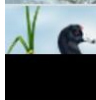
Search >

Species: 962

Enter Common Name Search Text

COMMON
NAME

A

**Abert's Towhee***Melospiza aberti***Acadian Flycatcher***Empidonax virens***Acorn Woodpecker***Melanerpes formicivorus***Akohekohe***Palmeria dolei***Alder Flycatcher***Empidonax alnorum***Aleutian Tern***Onychoprion aleuticus***Allen's Hummingbird***Selasphorus sasin***Altamira Oriole***Icterus gularis***American Avocet***Recurvirostra americana***American Bittern***Botaurus lentiginosus***American Black Duck***Anas rubripes***American Coot**

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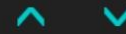
X

Y

Z

Close

Alder Flycatcher



FIELD MARKS OFF

FAVORITE OFF



Scroll down for more, tap Illustration for Full Screen

Alder Flycatcher: Small flycatcher with olive-brown

Empidonax alnorum

PASSERIFORMES

Tyrant Flycatchers (Tyrannidae)

ALFL

General(4)

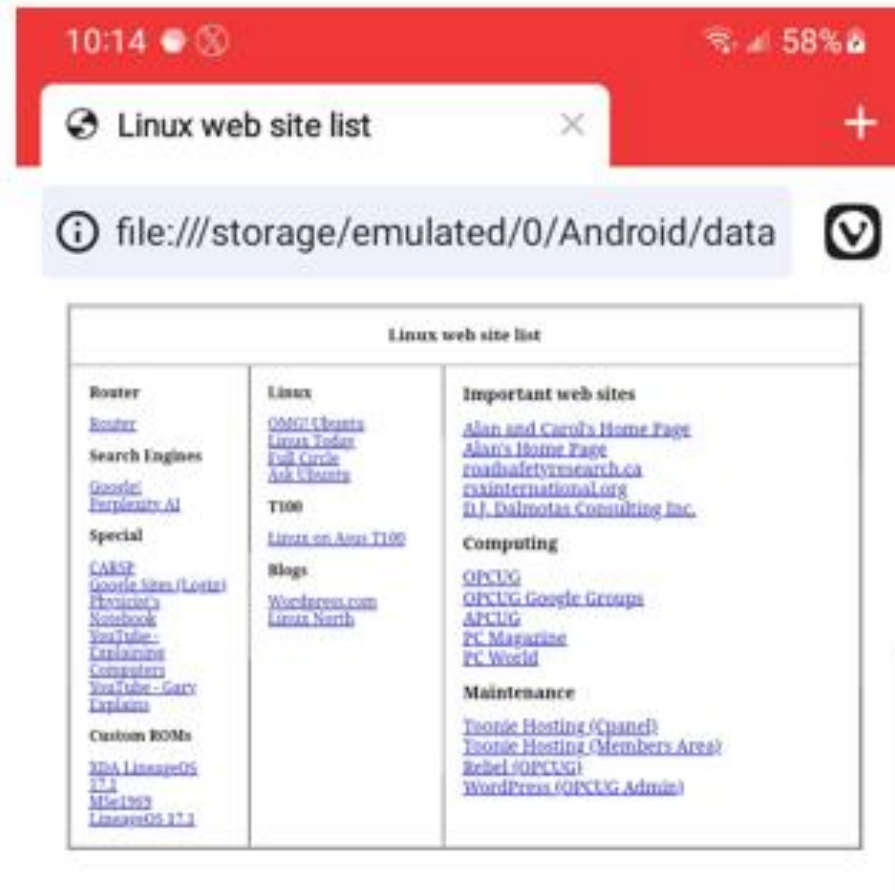
Range

Photos(2)

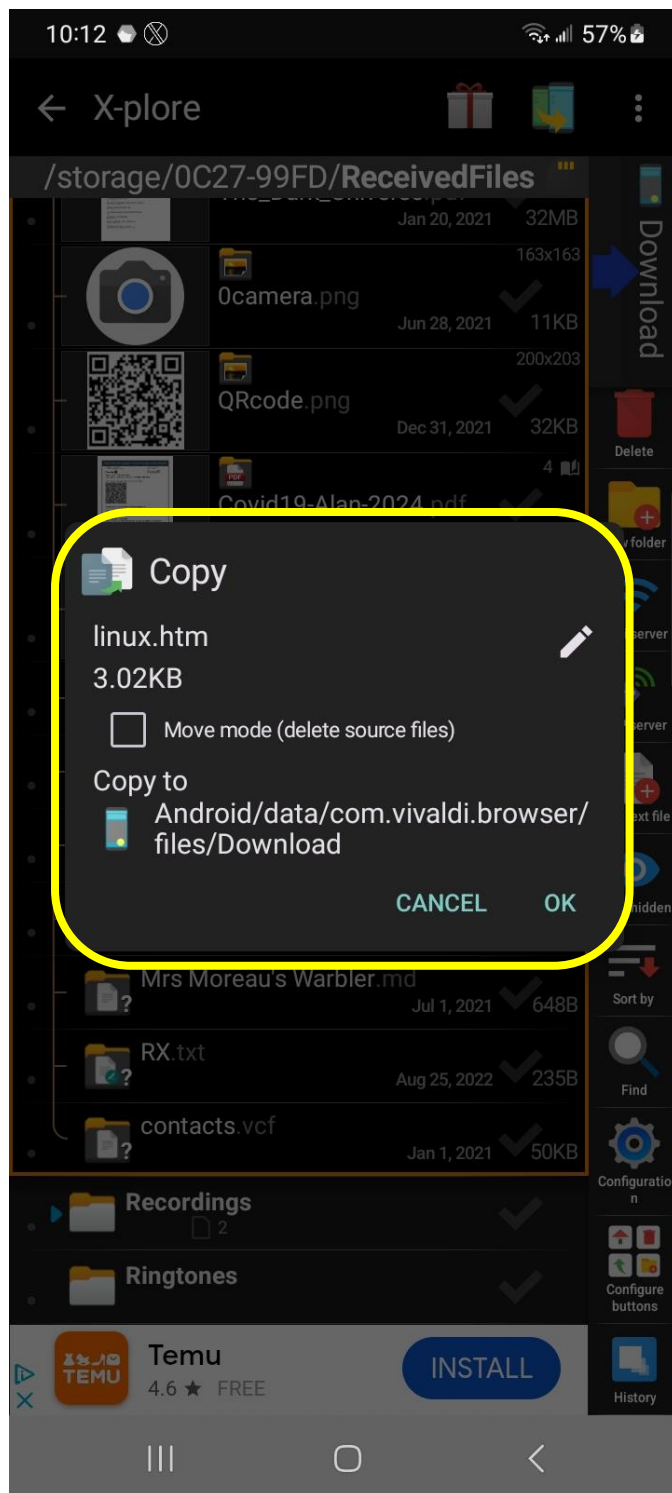
Products

Sounds

Similar



file:///storage/emulated/0/Android/data/
vivaldi.browser.com/files/Download/linux.htm



Installing and running Shizuku provides access to folders that are normally protected by the Android OS

e.g. copying linux.htm

from

storage/OC27-99FD/ReceivedFiles

to

storage/emulated/0/Android/data/vivaldi.browser.com/files/Download/linux.htm

Share

Sun, Sand & Staying Safe Online



NATIONAL
CYBERSECURITY
ALLIANCE

Stay Safe Online.org

- National Cybersecurity Alliance webinar
 - Thursday, June 5th 2025, 1PM ET
- What You'll Learn
 - smart strategies for safely using public Wi-Fi while traveling
 - dos/don'ts for using devices & accessing accounts on the go
 - how to recognize & avoid common scams that target tourists
- Who Should Attend? Those...
 - planning summer travel or frequent trips
 - looking to protect personal data while staying connected on vacation



<https://www.staysafeonline.org/events/sun-sand-staying-safe-online>



**Any other:
Questions
Comments
Shares?**



**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



Update

**Britannia Park
Trolley/Picnic Station**

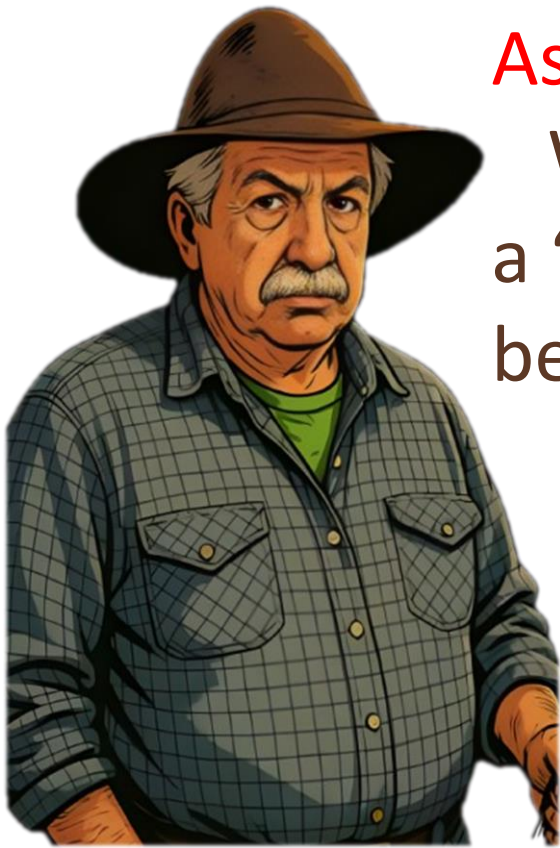
**June 11, 2025
6:00 pm**



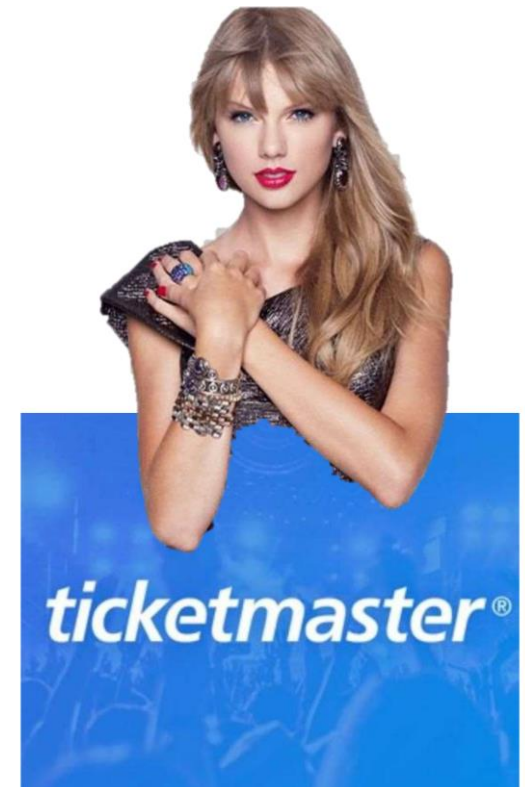
Note - If you want to be fed and watered, you must
Register by E-mail to: pizzaparty@opcug.ca

As You May Recall...

We learned from Jeff last week, that due to a “scheduling conflict,” **Taylor Swift** will ***not*** be available to attend our Pizza Q this year.



Taylor Swift will not be performing this year at the OPCUG Pizza-Q...





**Jeff Dubois called
Ed Sheeran...**



Jeff & Ed worked out the details!



Ed Sheeran

Is “Scheduled” to
Sing at the Trolley
Station!



**Britannia Park
Trolley/Picnic Station**

June 11, 2025

6:00 pm

Jeff also arranged for **Bob Herres**
to be a **“Backup for Ed Sheeran”**



This is the “Scheduled Line-up for 2025!”



Featuring



Ed Sheeran

and



Bob Herres

Brittania Park
Trolley/Picnic Station
June 11, 2025, 6:00 pm

Register by E-mail to: pizzaparty@opcug.ca



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Ed Sheeran

Bob Herres



Brittania Park
Trolley/Picnic Station
June 11, 2025, 6:00 pm

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NEWS
OTTAWA

OPCUG ANNUAL
PIZZA PARTY
JUNE 11, 2025.



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Ottawa News Desk

OPCUG Members tempted away from their keyboards with Hot Pizza and Free Prizes!

News Anchor: “Ottawa’s best-kept secret isn’t a scandal... it’s Free Pizza from the OPCUG! It’s *hot*, it’s *cheesy*, and I’m not sharing with the Weather Team”





Britannia Park
Trolley/Picnic Station
June 11, 2025 6:00 pm



You Must:

Register by E-mail to: pizzaparty@opcug.ca



OPCUG PRESENTATIONS AT THE OTTAWA PUBLIC LIBRARY

Organizing your photos

Lynda Buske

Beaverbrook, Thursday May 29, 2025 at 6:00pm

Quick tips: How to use free AI tools in your daily life

Chris Taylor

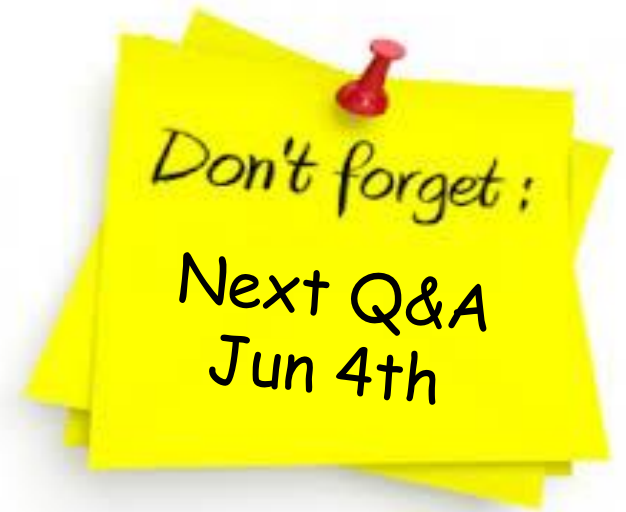
Cumberland, Saturday, May 31, 2025 at 2:00pm

Fun with Fonts - The Art and Science of Typography

Chris Taylor

Online, Monday June 2, 2025 at 2:00pm

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

SuggestionBox@opcug.ca