



Alan German & Chris Taylor

Ottawa PC Users' Group

June 15, 2022



Sending/Receiving E-mail

Two options:

(1) Webmail using a browser

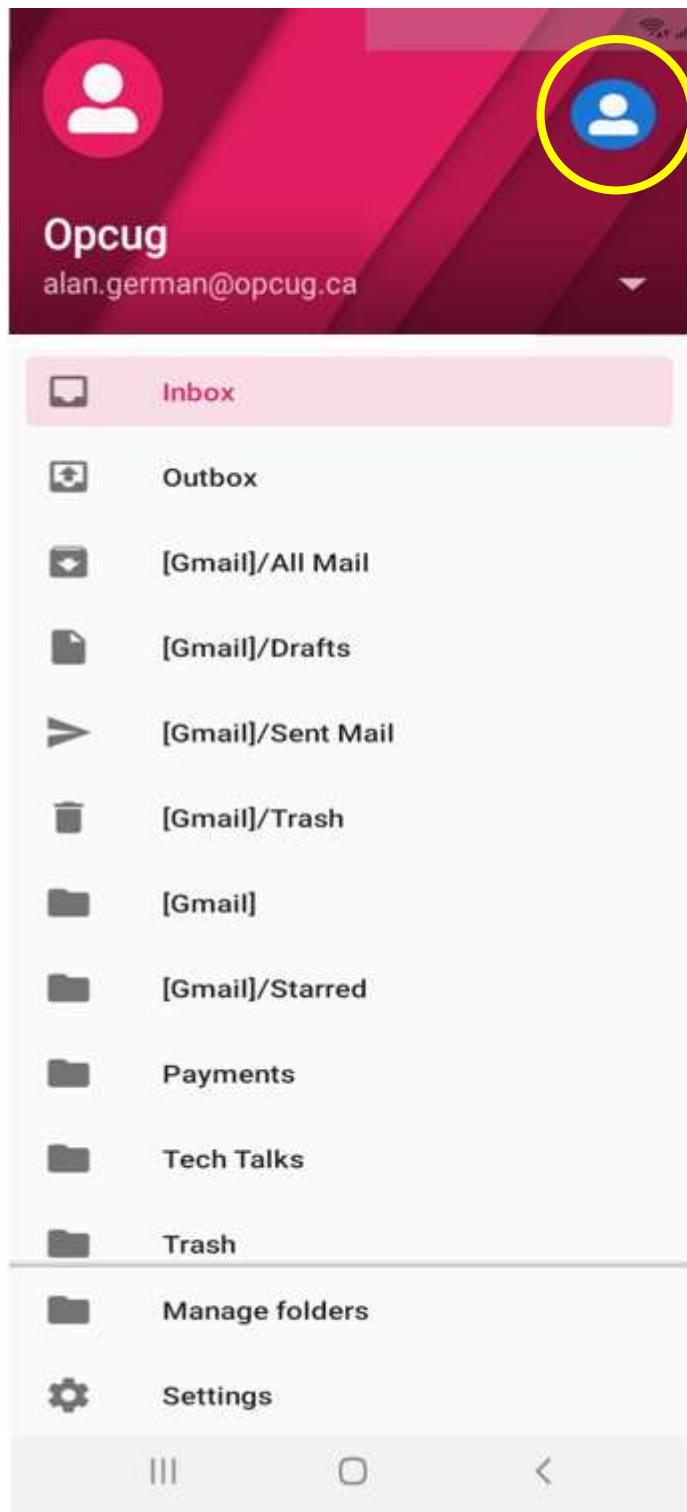
(2) E-mail client



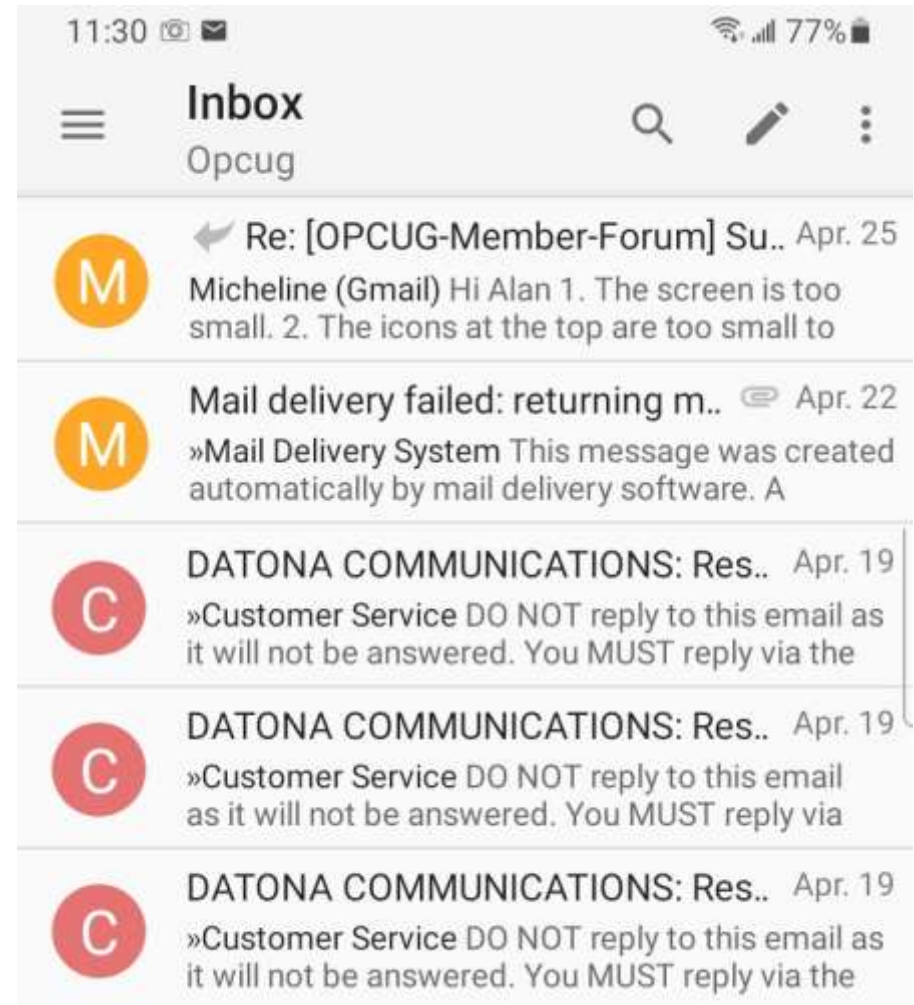
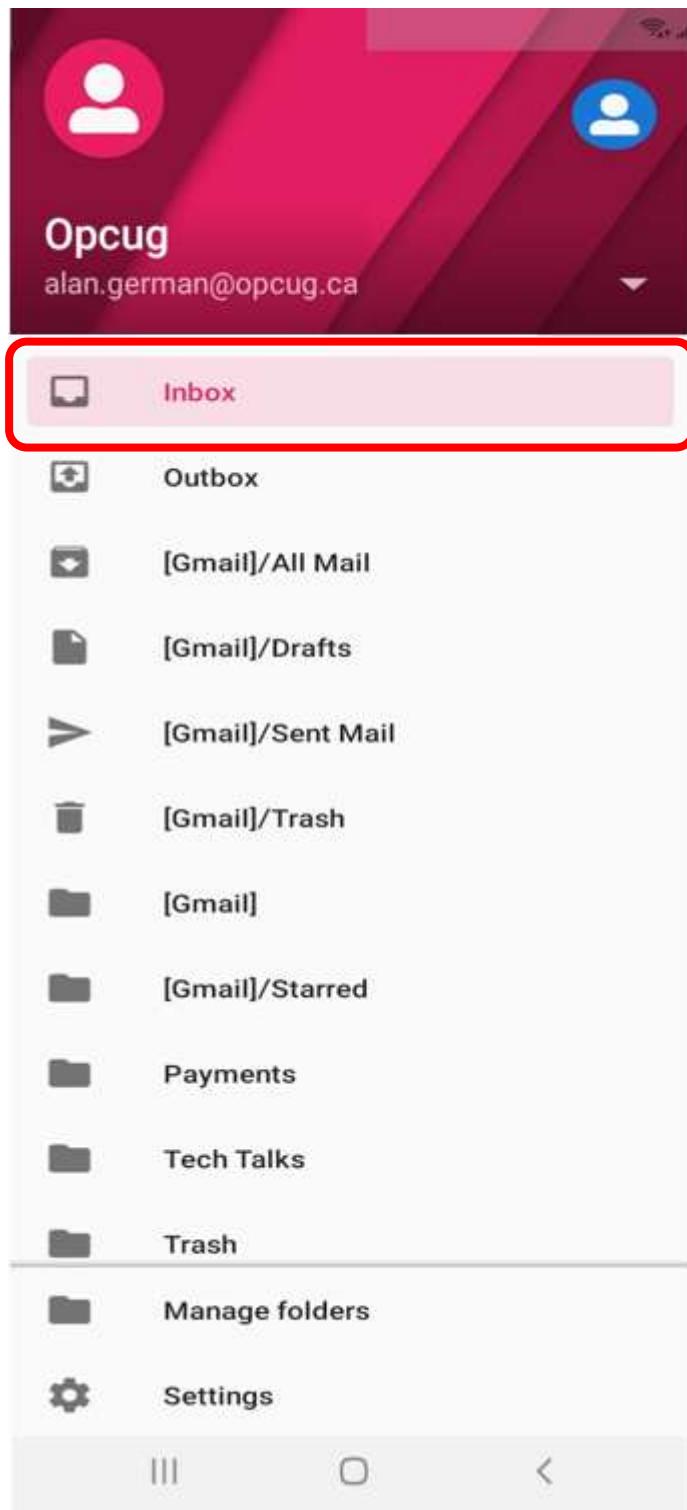
E-mail Client - K-9 Mail

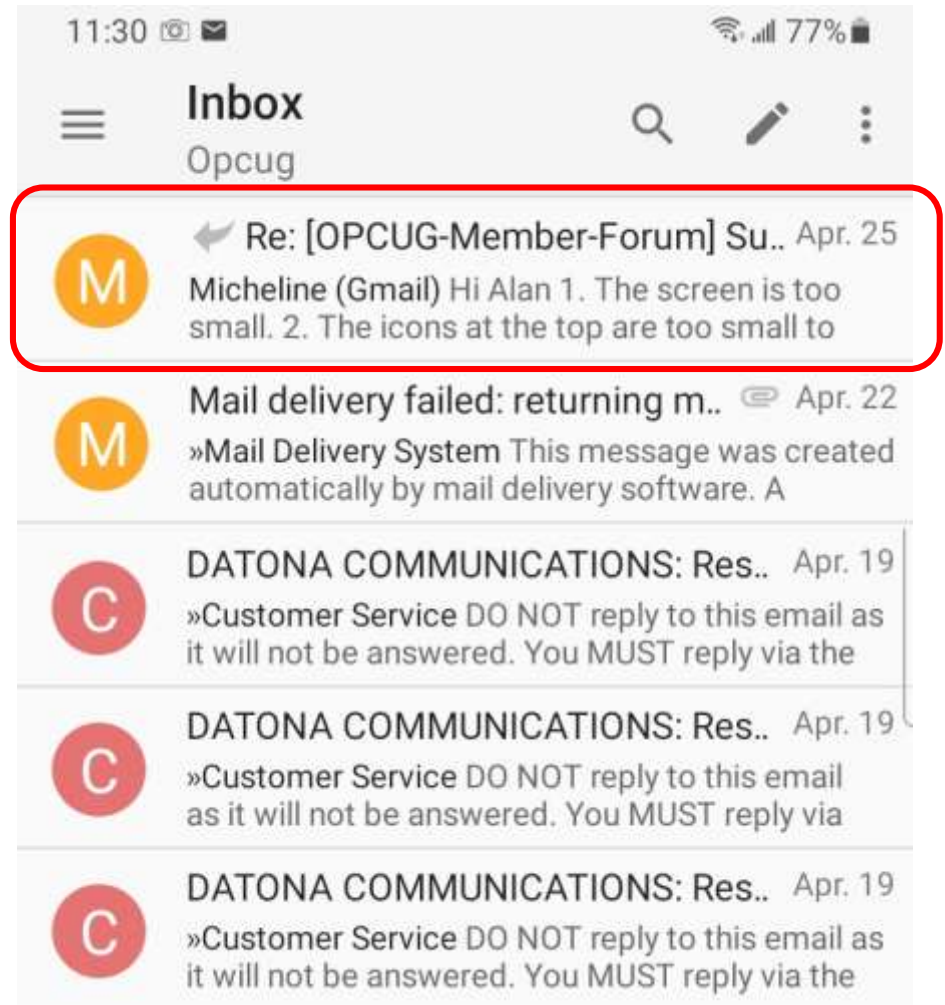
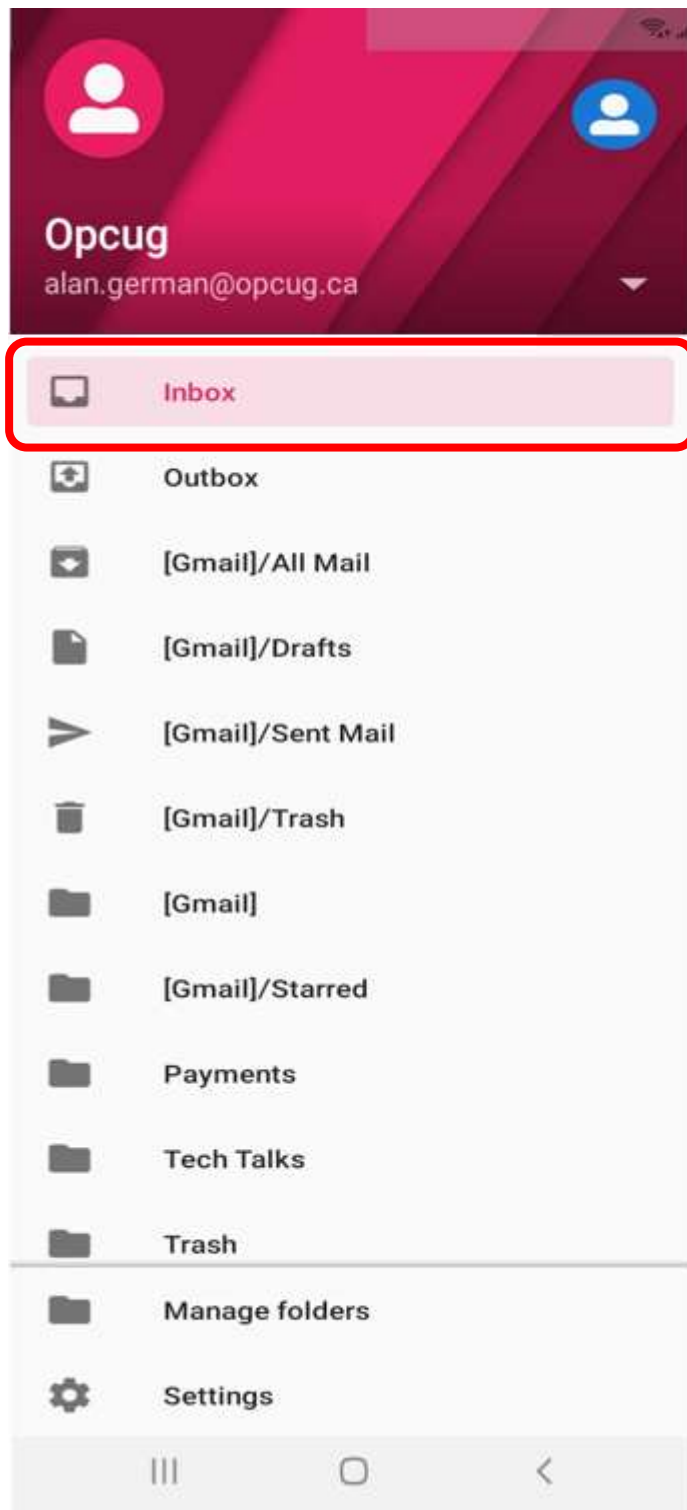


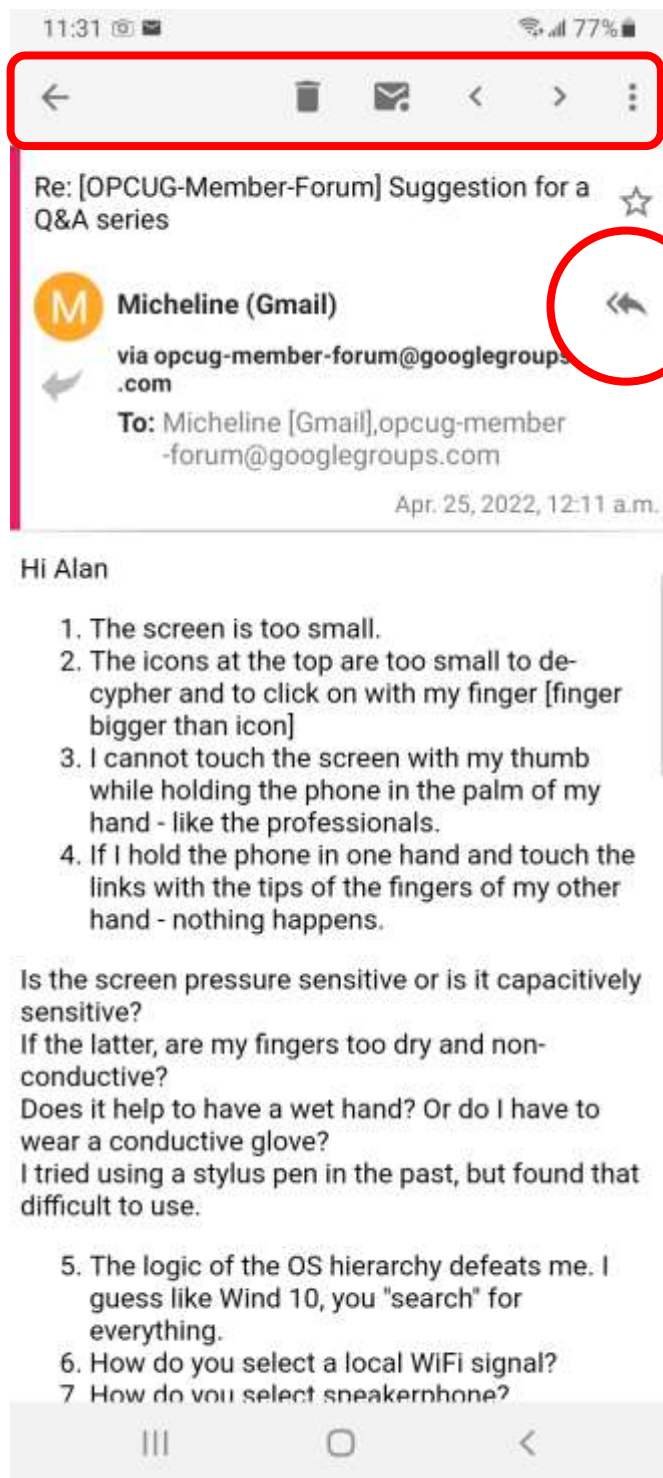
- Supports multiple accounts
- IMAP and POP3
- Custom folders
- Unified Inbox (optional)
- Free, open-source
- More than 5 million installations



Access second account







Reply
Reply-All
Forward
etc.

Back
Delete
Previous
Next
etc.

[Home](#) / [Mozilla Will Transform K-9 Mail App into Thunderbird on Android](#)

Mozilla Will Transform K-9 Mail App into Thunderbird on Android

Posted on June 13, 2022 by **Laurent Giret** in [Android](#), [Cloud](#), [Mobile](#) with 6 Comments

Mozilla revealed today that the open-source Android email client K-9 Mail will become Thunderbird on Android.

Christian Ketterer, the developer and maintainer of K-9 Mail has joined the Thunderbird team and will work on transforming the app into the Android version of Thunderbird.



https://www.thurrott.com/cloud/268499/k-9-mail-becomes-mozilla-thunderbird-android?utm_source=dlvr.it&utm_medium=twitter

Follow-up

Follina fixed!

- Reported at Q&A 2022-06-01
- Follina (a.k.a. CVE-2022-30190)
- Zero-day vulnerability in Microsoft Support Diagnostic Tool protocol handler
 - allowed remote code execution
- Naked Security (Sophos) reported it is fixed in the June monthly update from Microsoft
 - despite not being reported as fixed!

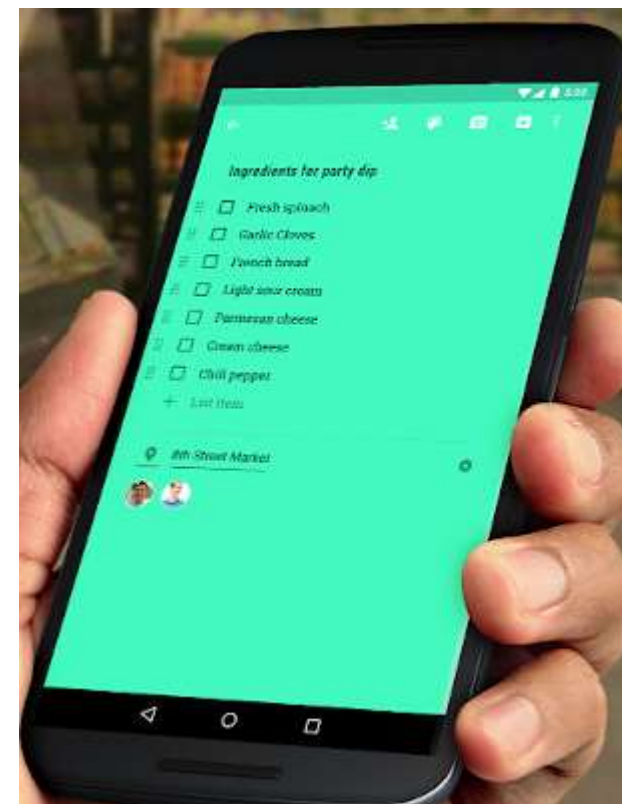
<https://nakedsecurity.sophos.com/2022/06/15/follina-gets-fixed-but-its-not-listed-in-the-patch-tuesday-patches/>

Share

Keep your notes up to date

Google Keep

- Make notes and lists
- Use colour; add labels and photos
- Record voice memos and save transcriptions
- Share notes/collaborate with others
- Find what you need, fast
- Use on your phone, tablet, and computer



Bill Bradwin

FileEditViewBookmarksToolsWindowHelp

Google Keep

—□×

Google Keep

+

✕

<>⏮⏭↺🏠🔒keep.google.com

🔍Search Google

👤🖨️JS⚙️

📌📅📄🕒📅📁🔍🗑️⚙️

☰📄Keep

🔍Search

↺☰⚙️⋮

Google👤

💡Notes

🔔Reminders

📄Q&A

📄Q&A Wish List

✎Edit labels

📁Archive

🗑️Trash

⚙️Open-source licenses

Take a note...

☑️✎🖼️



Q&A Session

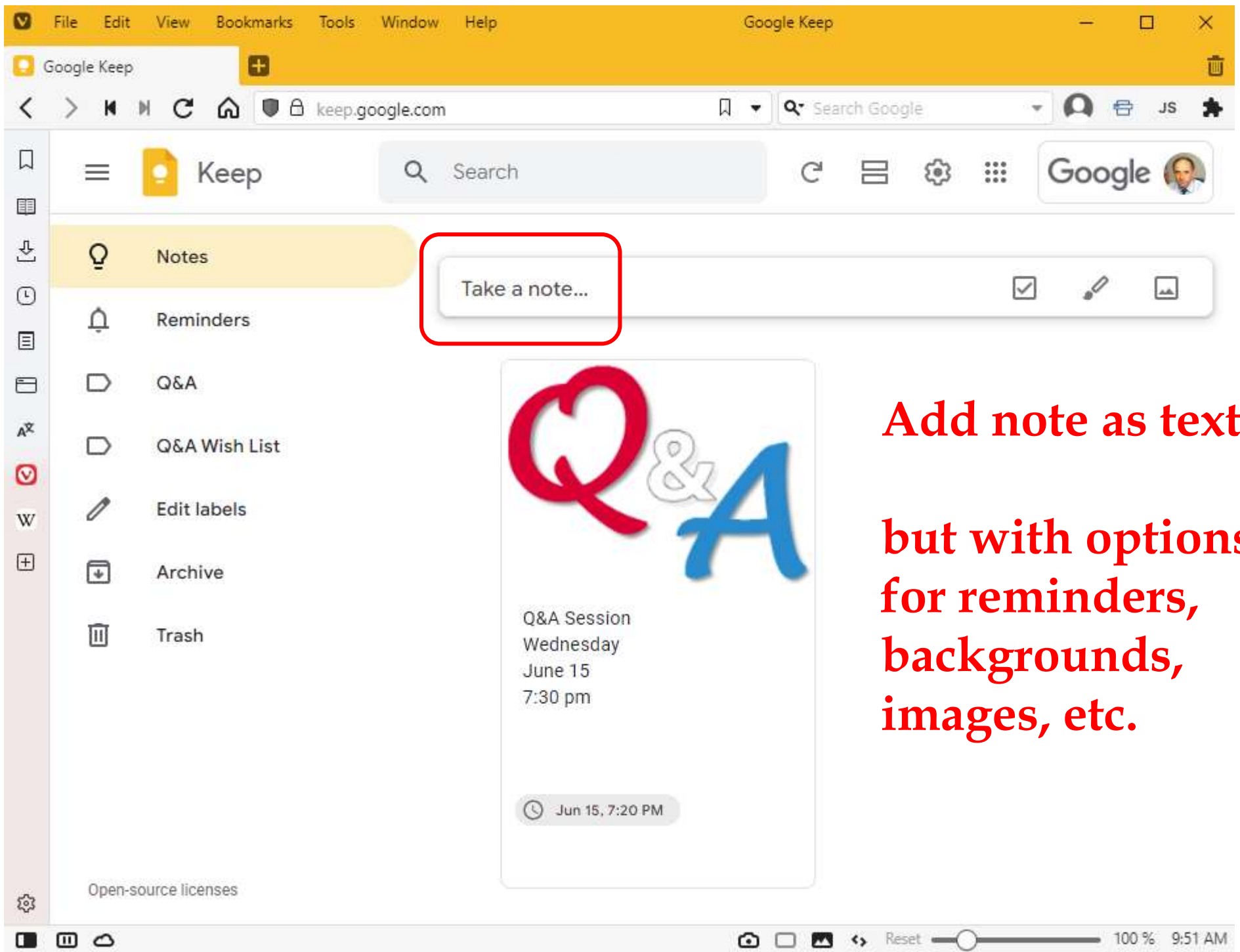
Wednesday

June 15

7:30 pm

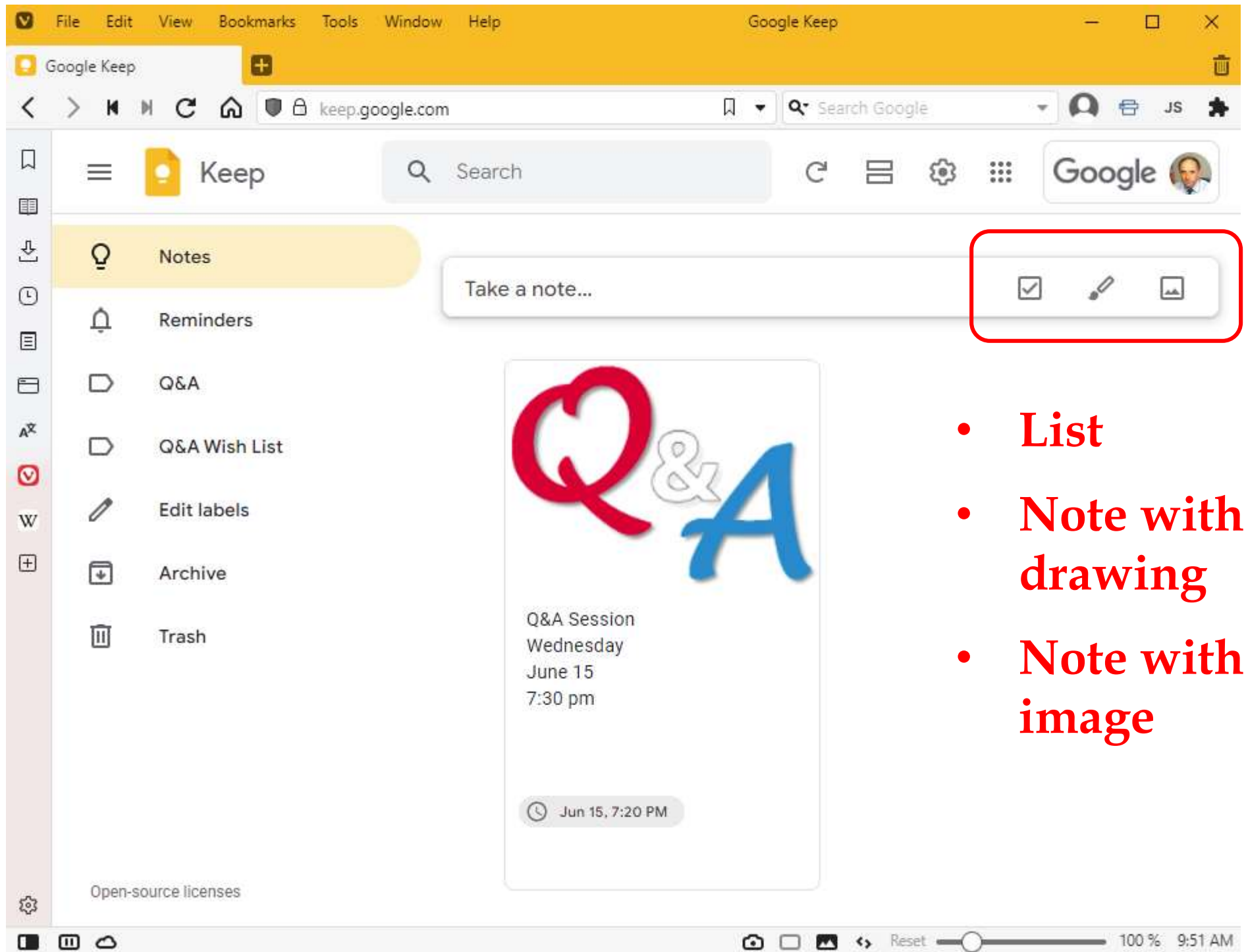
🕒Jun 15, 7:20 PM

🖱️🖼️🖼️⏪Reset🕒100 %9:51 AM



Add note as text...

**but with options
for reminders,
backgrounds,
images, etc.**



- List
- Note with drawing
- Note with image

Input Wanted for Future Q&A Sessions

- ☐ Questions
- ☐ Shares
- ☐ Computer Basics
- ☐ Smartphone Basics
- ☐ Windows
- ☐ Linux
- ☐ Android
- ☐ Just ideas for topics!

Q&A Wish List

Simple Reminder in Checklist Format

Input Wanted for Future Q&A Sessions

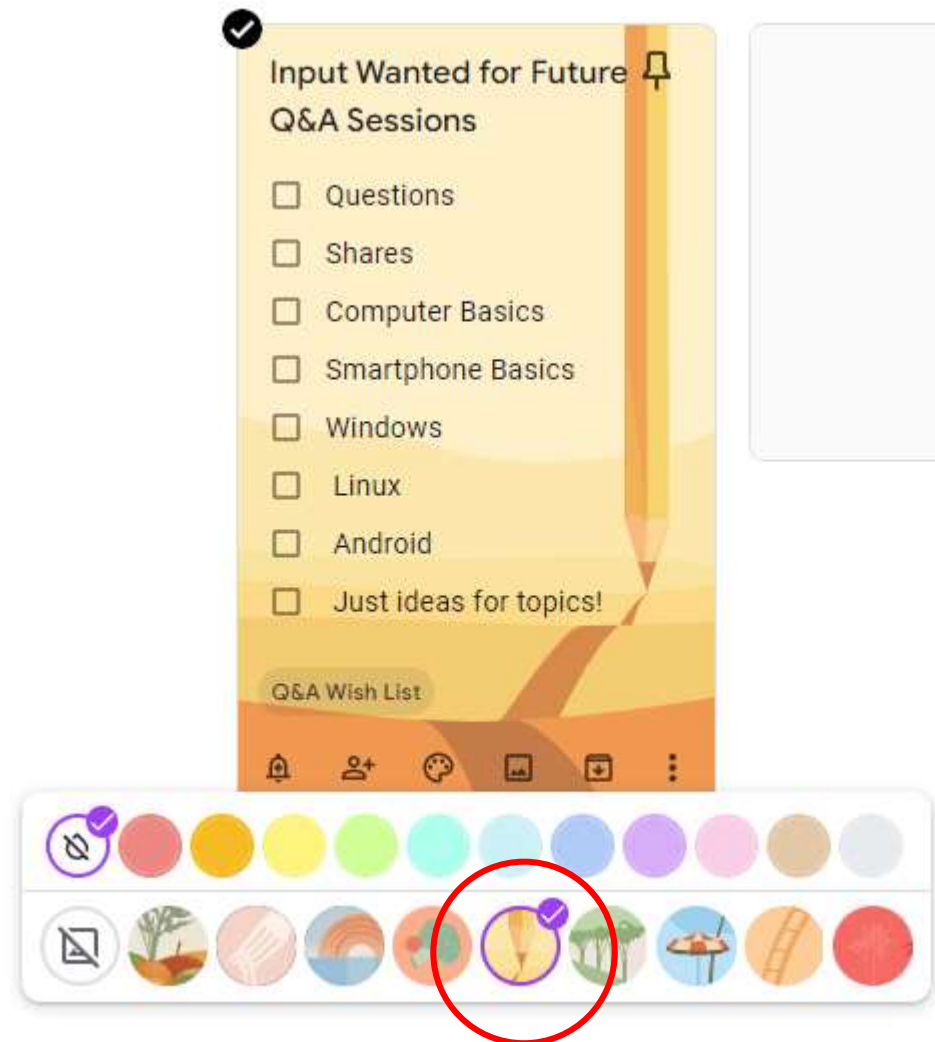
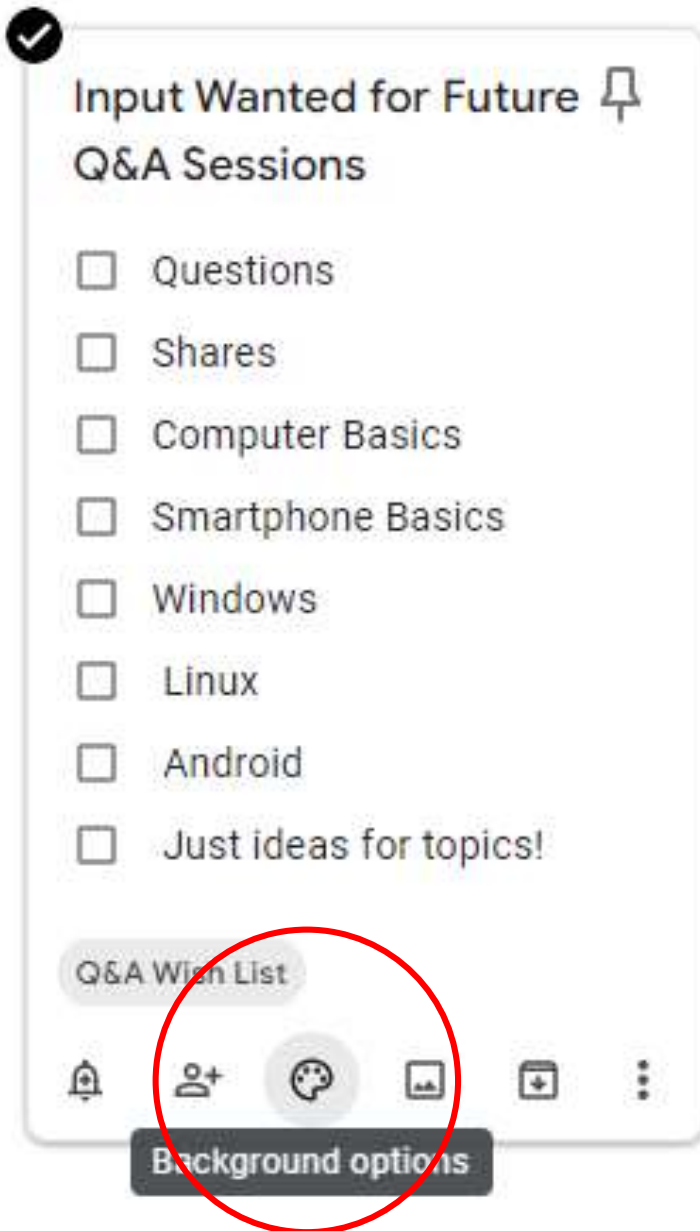
- ☐ Questions
- ☐ Shares
- ☐ Computer Basics
- ☐ Smartphone Basics
- ☐ Windows
- ☐ Linux
- ☐ Android
- ☐ Just ideas for topics!

Q&A Wish List

Simple Reminder
in Checklist Format

*Does anyone
want to check
off any item?!*

SuggestionBox@opcug.ca





Google Keep, Why I use it every day.
dottotech • 216K views • 1 month ago



Steve Dotto

<https://www.youtube.com/watch?v=J6R8sh4HJig>

Android security



- Security
 - WiFi vs. mobile network for Android phones
 - https://opcug.ca/qa_recordings/20220601_PowerPoint.pdf
- Chris opined Android is quite safe by itself
 - little need for things like antivirus or firewall
- Chris welcomed any dissenting opinions
 - none voiced at Q&A
- Tom came up with an interesting website
 - posted to Member Forum June 3rd



- <https://www.computerworld.com/article/3269019/best-privacy-security-apps-android.html>
 - *like most people who closely study Android, I don't recommend using those types of apps at all (Android security suites or other malware-scanning software)*
 - *Android malware isn't the massive real-world threat it's frequently made out to be*
 - *Google Play Protect and other native Android settings are more than enough to keep most devices safe*
 - *there are, however, some areas where third-party apps can add valuable layers onto your Android security picture*
 - *less about fighting off theoretical boogymen and more about proactively protecting your accounts and data*
- 14 Android apps that can help various aspects



Charging your phone



Find products, advice, tech news



Home > News > Batteries & Power

Charging Your Phone Overnight: Battery Myths Debunked

Is it bad—or even dangerous—to leave a smartphone plugged in as you sleep? The answer is complicated, as are many things regarding batteries.

By [Eric Griffith](#) Updated June 13, 2022



<https://www.pcmag.com/news/charging-your-phone-overnight-battery-myths-debunked>

- Charging a phone overnight will not overload the battery. Extra protection chips make sure that can't happen.
- When a lithium-ion battery hits 100% capacity, charging stops. Trickle charging continues when the battery's charge falls to 99%.
- Charging generates heat. Place the phone in the open as much as possible (the super-cautious can place it on a dish or saucer.)
- Use the original or a certified replacement cable.
- Charge when partially discharged; charge to less than full capacity (30-80% range recommended.)

- Lithium-ion batteries do not develop a memory.
- But, they do deteriorate with age (based on the number of charge cycles.)



Video and Audio Tools Series

- How to download videos and audio from YouTube using Video DownloadHelper
- How to download or capture videos using Debut Video Capture and Screen Recorder Software
- How to do still and video screen capture using ScreenHunter Pro all-in-one screen capture and screen recording software
- How to capture (rip) audio from a video file and how to take a screenshot of the current video frame using GOM Player
- ➔ • **How to rip your CD's to MP3's using Express Rip CD Ripper**
- How to edit the tags (metadata) for your MP3's



For many of us, our music collections represent the soundtrack of our lives.

Hearing particular songs can take us back to those special places and times, and those special people.

But how do we keep up with all those changes to the media formats?

We'll look at how to turn your music on CD's to MP3's, and also take a quick look at vinyl records and cassettes too.

What To Do With Your CD's



Many of us have music CD's that we've accumulated over time, but what do we do with them now? Most new cars, computers, etc. no longer come with CD players.

Everything now, including car infotainment systems, smartphones, computers and smart TV's is geared towards MP3's. Even new CD players (if you can find one) usually also have a USB port for playing MP3's.

We'll show you what can you do with your CD's.

NCH Express Rip CD Ripping Software

This session we'll look at NCH Express Rip CD Ripping Software, which lets you extract digital audio tracks directly from audio CD's (CDA) to MP3 (or WAV, WMA, M4Q, AAC, AIFF, CDA and more) audio files.

Express Rip can also:

- Save track information or 'tags' to MP3 files including title, artist, album and custom metadata information**
- Automatically link to an online database to obtain track and album name information**
- Correct or adjust audio volume level of ripped tracks as they are extracted**
- And much more!**

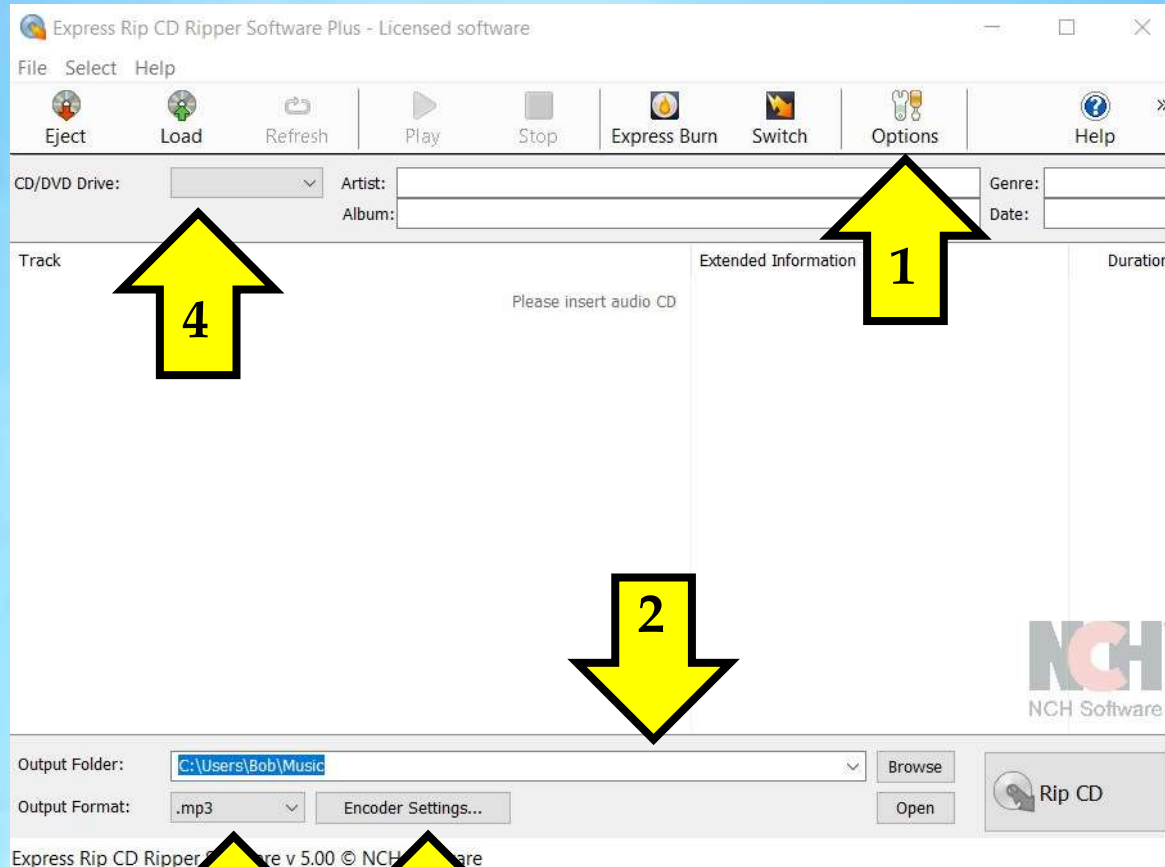
NCH Express Rip CD Ripping Software

**Because the rip takes digital
CD files and turns them into
digital MP3's, there is none of
the loss of quality you get
copying and transferring
analog files.**

- You'll need a computer with a CD player, or an external (e.g. USB) CD player you can plug into your computer.
- Internal and external drives often include DVD and Blue Ray functionality too, and many can record ('burn') as well as play.
- Prices for external USB drives start around \$25.

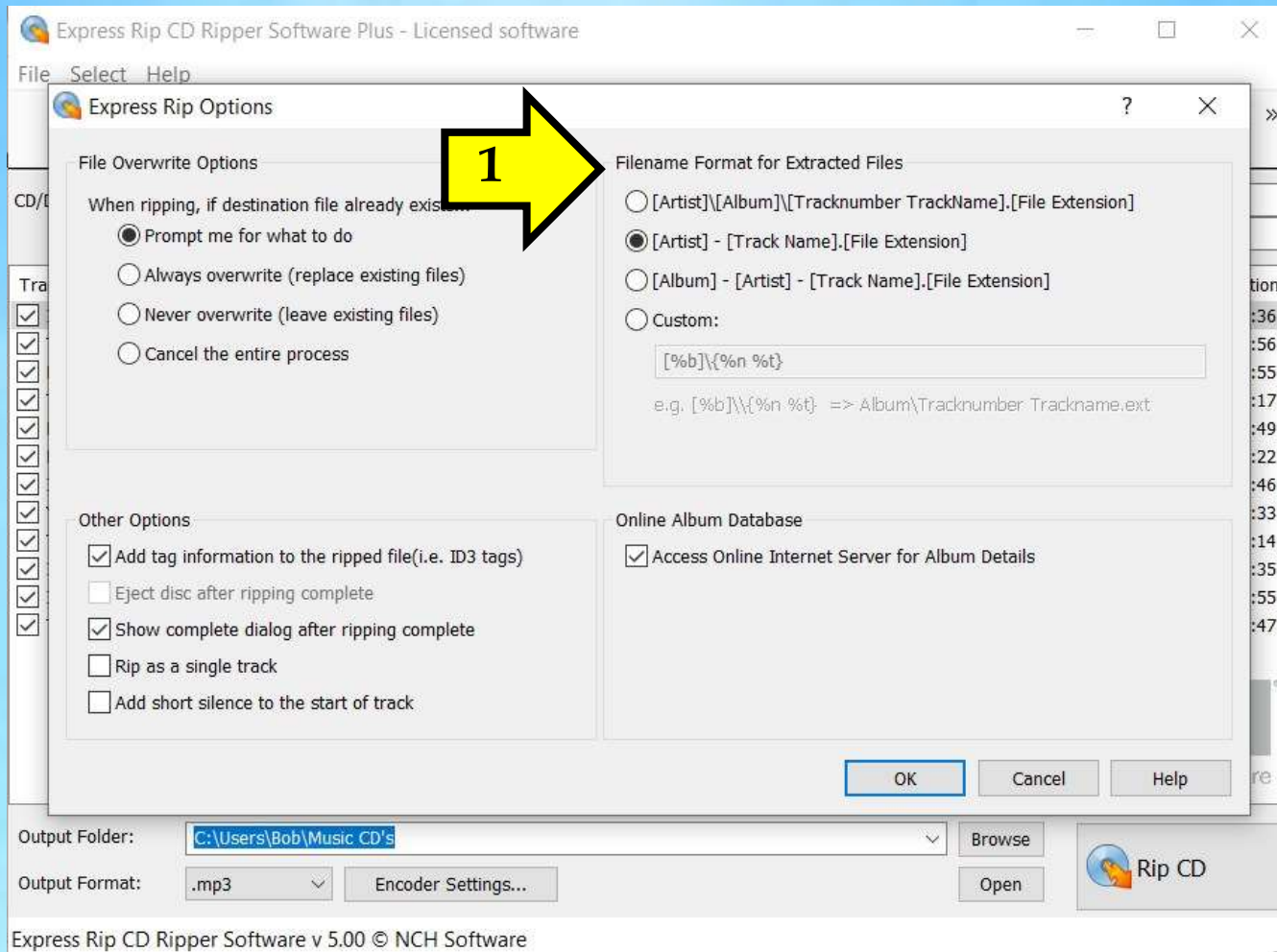


The User Interface



- (1) Options Button (brings up the 'Options' screen)
- (2) Select the Output Folder window
- (3) Output format (default is MP3)
- (4) Select the CD/DVD drive window
- (5) Encoder settings

Options

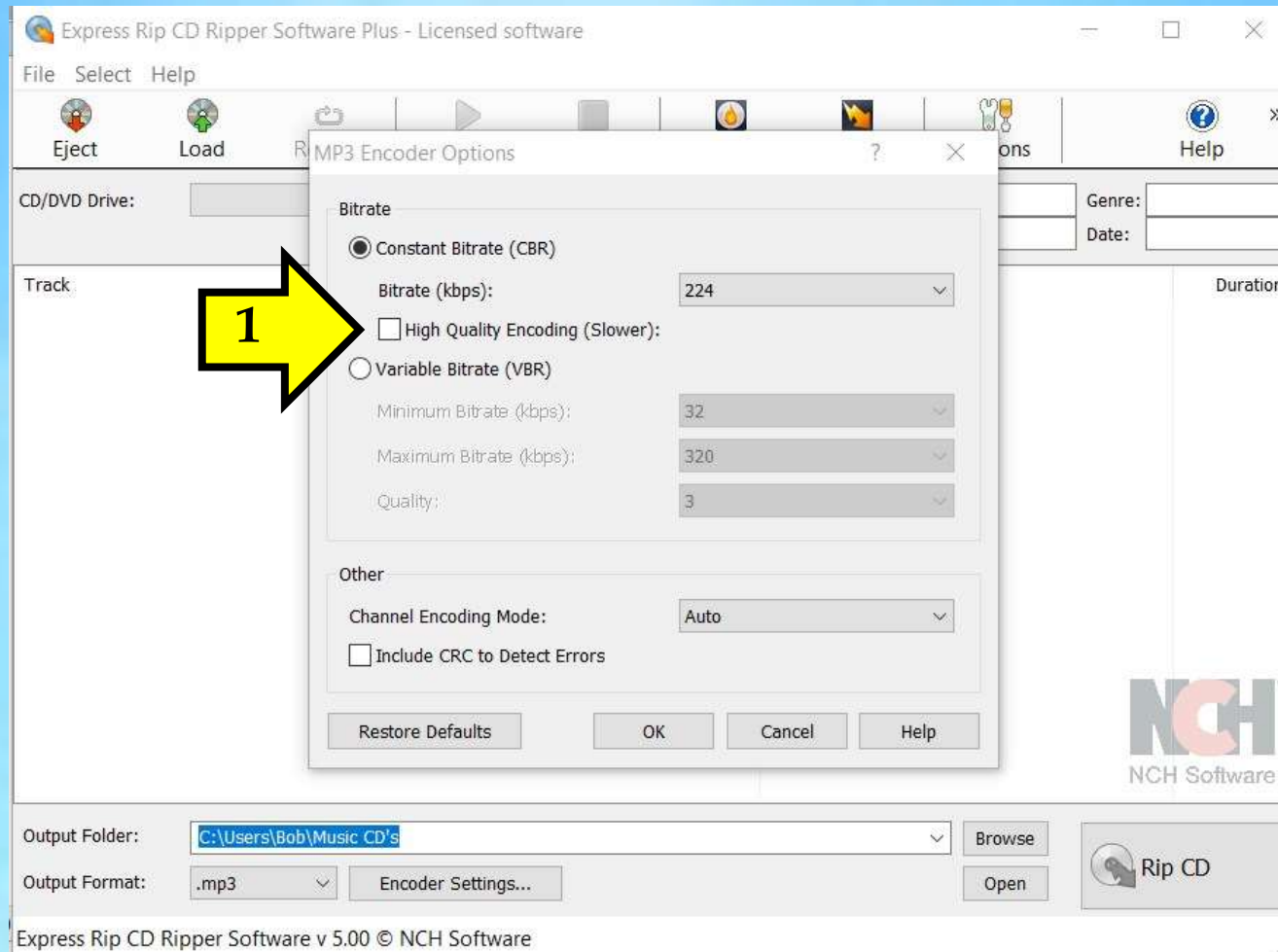


- Use the default options to start, except you may want to change (1) 'Filename format for extracted files'.

Filename format for extracted files

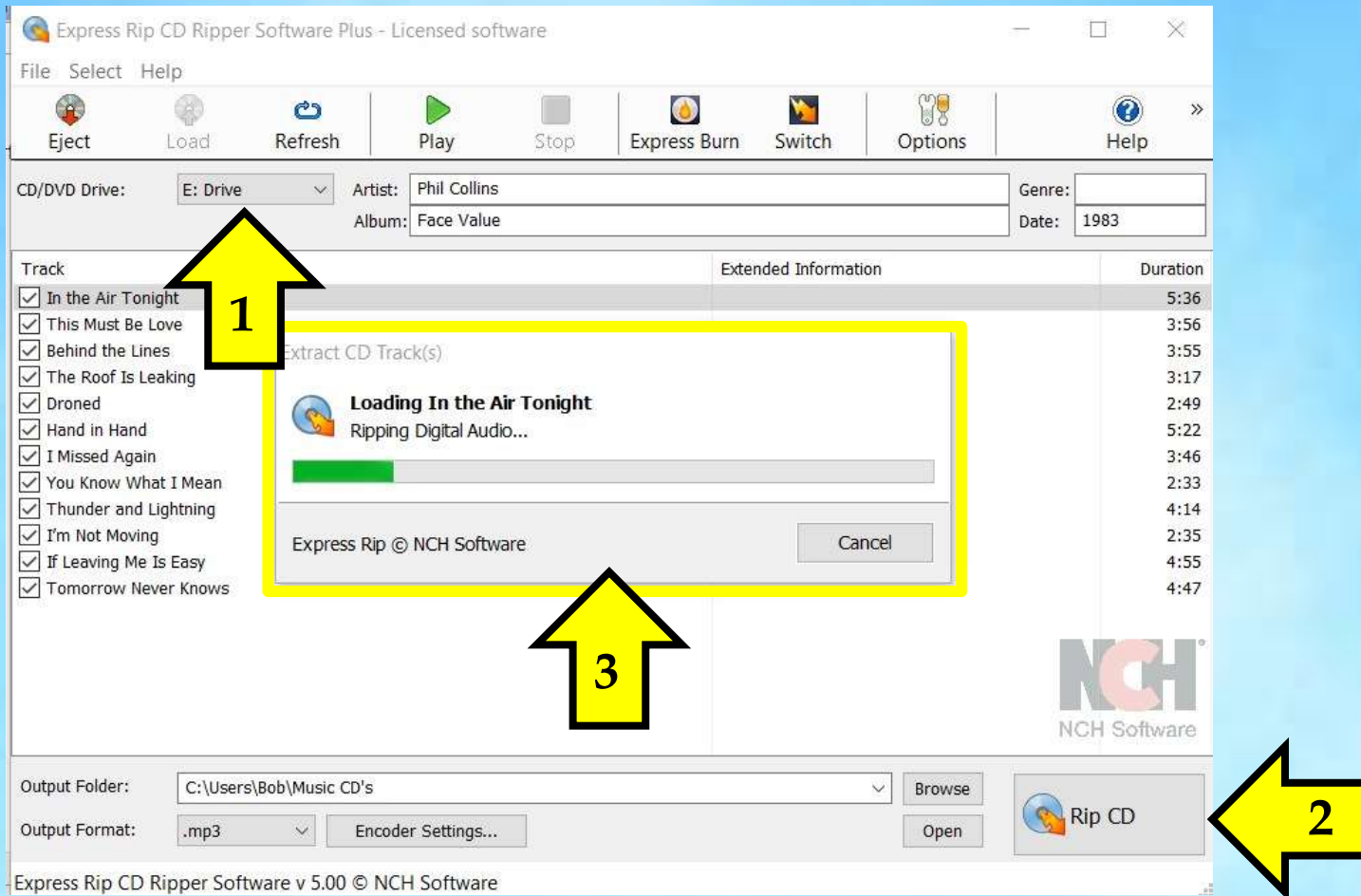
- The default (first) option puts the output files in the output directory in a sub-directory with the artist's name (e.g. 'Phil Collins') and a sub-sub-directory with the name of the album (e.g. 'Face Value'), with a filename made up of track number and song name (e.g. '01 In the Air Tonight.mp3').
- The second option puts the output files directly into the output directory with a filename made up of the artist's name (e.g. 'Phil Collins') and the song name (e.g. 'Phil Collins - In the Air Tonight.mp3').
- Each option has its advantages. We'll look into this more in the next session on '*How to edit the tags (metadata) for your MP3's*'.

Encoder Settings

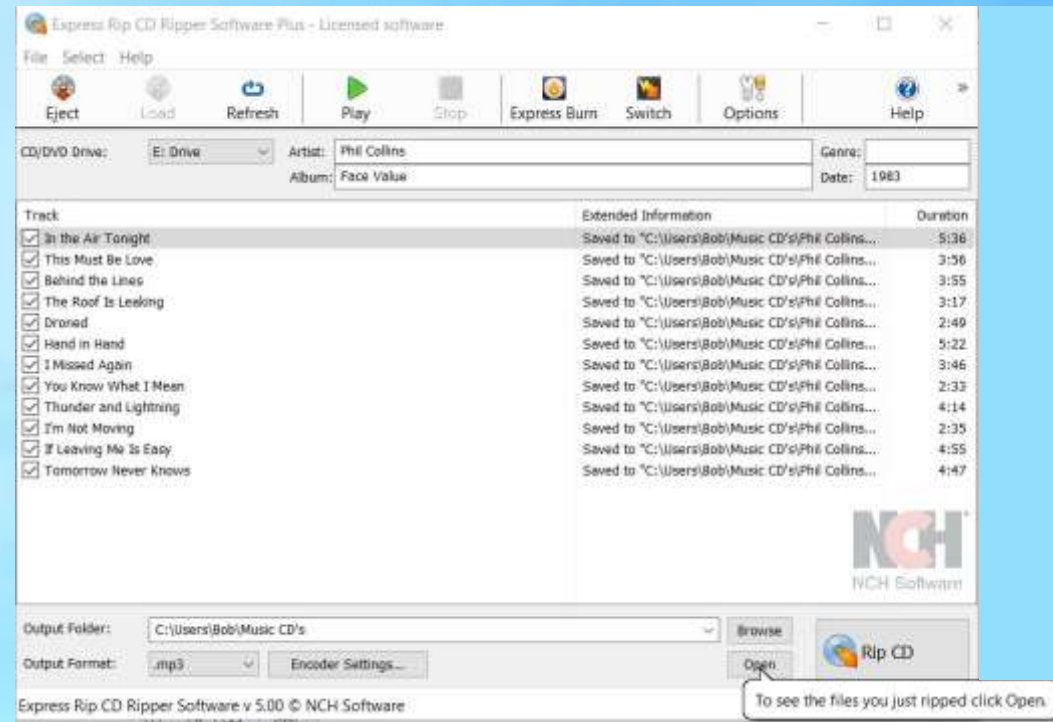
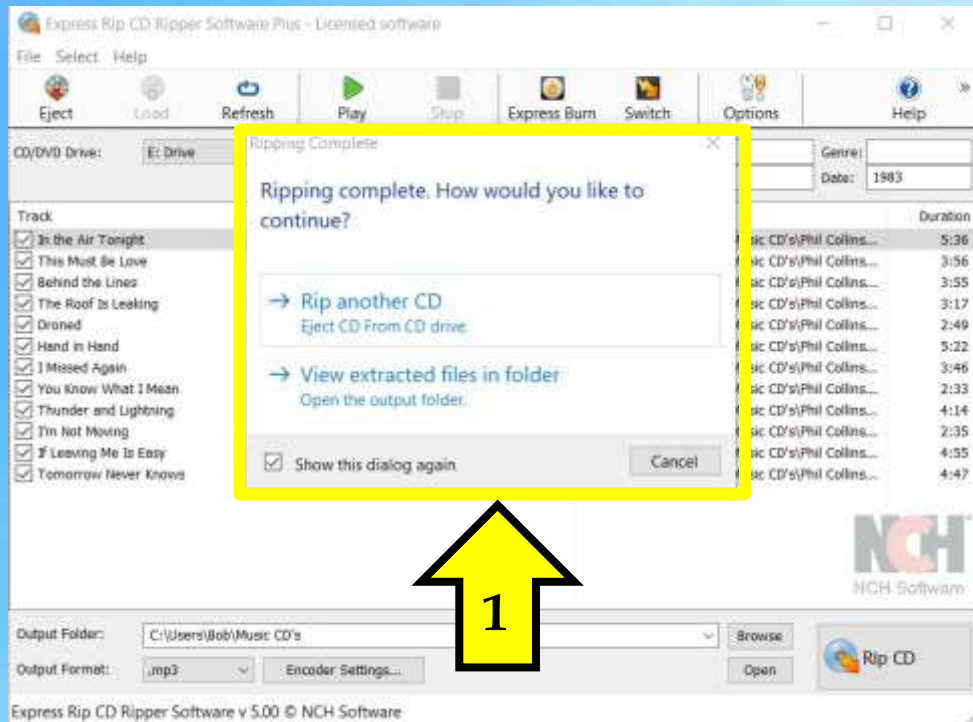


- Start with the default encoder settings, except you may want to select (1) 'High Quality Encoding (Slower)'.

To Rip a CD



1. **Start Express Rip.**
2. **Load a CD into the drive.**
3. **Express Rip should detect and list the contents of the drive automatically. If it doesn't, click on (1) the drive window and select the proper drive.**
4. **Once all the tracks are loaded, click on (2) the 'Rip CD' button. A (3) pop-up window will show the status of the track ripping.**



- Ripping a CD normally takes 5 to 10 minutes. When the ripping is complete, (1) a window will pop-up asking if you want to 'Rip another CD' or 'View extracted files in folder'.
- If you close the pop-up window, you will see a list of extracted files, their locations and length.

**That's all it takes to
turns your Compact
Discs into MP3's!**

Music 'Tags'

- A 'Tag' is a set of information built into a digital music file (MP3, M4A, etc.) to give information about the file such as the artist's name, the name of the song, the album name, a picture of the album cover or the artist, music genre, etc.
- The tag is read by the music player (computer, smartphone, vehicle infotainment system, etc.), and selected information from the tag is displayed. Tag information can also be used to sort and catalogue the file.
- Tag information in any particular music file can range from nothing (e.g. a file ripped from a video) to a complete set of information (e.g. a file downloaded from iTunes). The completeness is often a function of where the file came from.
- In the next session of this series, we'll take a more detailed look at tags and tagging, and how you can edit them.

Express Rip & Music 'Tags'

- **Tag info on Compact Discs ranges from only 'track 1, track2, track3, etc.' to information on the album name, artist name, track number and the title of each track, and the length of each track.**
- **Express Rip copies over whatever information there is on the CD.**
- **Express Rip Power Edition can connect with online databases to include tag information in the ripped files. That said, the info in these databases ranges from nothing for a CD that was produced in limited numbers for a local artist to a complete set of tag info, and even wildly popular CD's don't necessarily have much info in these databases.**

Express Rip Pricing

- A free version of Express Rip is available for personal non-commercial use only. You can download the free version at https://download.cnet.com/Express-Rip-Free-CD-Ripper/3000-2140_4-10327482.html . The free version doesn't connect to online databases.
- Otherwise, you can download a free *trial* edition of Express Rip that is good for 30 days at <https://www.nch.com.au/rip/index.html> . After that you may have to pay for it. Purchase includes all updates and upgrades for six months.
- Express Rip Standard Edition is slightly less expensive than the Power Edition, but it doesn't offer online database connection.
- Current version is 5.0. There is no reason to upgrade regularly if the version you get does what you need it to do.

	Normal Price	Discount Price
Express Rip Power Edition Fully featured, single installation license	\$50	\$34.99*
Express Rip Standard Edition All power features without online database connection	\$35	\$24.99*

Prices are US dollars. NCH has regular 'deals' for its software.

Loading CD's Into iTunes

As well as being a store for music, videos, movies and other media, iTunes can be used as a media player for your own media, including CD's.

To import CD tracks into iTunes:

- Open iTunes and tap on Edit > Preferences.
- Select the General tab and navigate to the 'When you insert a CD' section. Click on the 'Import' button. ...
- Return to the main iTunes window and insert a music CD in your PC.
- iTunes will begin importing the contents of your CD.



But What About My Vinyl Records and Cassettes



NCH Golden Records

- NCH Golden Records can convert vinyl records & cassette tapes to digital audio (CD, MP3 and more).
- Golden Records can:
 - Remove hiss, clicks and pops from old tapes or scratched records.
 - Normalize the volume of recordings when converting to CD.
 - Automatically detect silence to split audio into tracks.
 - Apply phono RIAA equalization so no special phono pre-amplifier is required. You can connect a turntable directly to the computer.
 - Convert 78 RPM records being played on a 45 RPM player.
 - Record ('burn') the music to CD's.

<https://www.nch.com.au/golden/index.html>

NCH Golden Records

Assuming you already have a good turntable and/or cassette deck, you will need the appropriate cables and adapters to connect them to your computer.

For more information see the Golden Records Hardware Setup Guide at

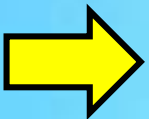
<https://www.nch.com.au/golden/setup.html>

You can also get a turntable with a USB output.

You can also recover music from any 8-Tracks provided you have a suitable 8-Track player, but the quality may not be very good.

Coming Up Next Time

- How to download videos and audio from YouTube using Video DownloadHelper
- How to download or capture videos using Debut Video Capture and Screen Recorder Software
- How to do still and video screen capture using ScreenHunter Pro all-in-one screen capture and screen recording software
- How to capture (rip) audio from a video file and how to take a screenshot of the current video frame using GOM Player
- How to rip your CD's to MP3's using Express Rip CD Ripper
- **How to edit the tags (metadata) for your MP3's**



URL's

Free version of Express Rip

https://download.cnet.com/Express-Rip-Free-CD-Ripper/3000-2140_4-10327482.html

Express Rip Site

<https://www.nch.com.au/rip/index.html>

NCH Software

<https://www.nchsoftware.com/>

NCH Golden Records

<https://www.nch.com.au/golden/index.html>

Golden Records Hardware Setup Guide

<https://www.nch.com.au/golden/setup.html>



**Any other:
Questions
Comments
Shares?**

Members' Favourites

September 14, 2022

- Any computer-related topic (neat application, awesome hardware, operating system tweak...)
- 10-20 minute presentation

*Reserve your presentation slot:
SuggestionBox@opcug.ca*



Wireless security

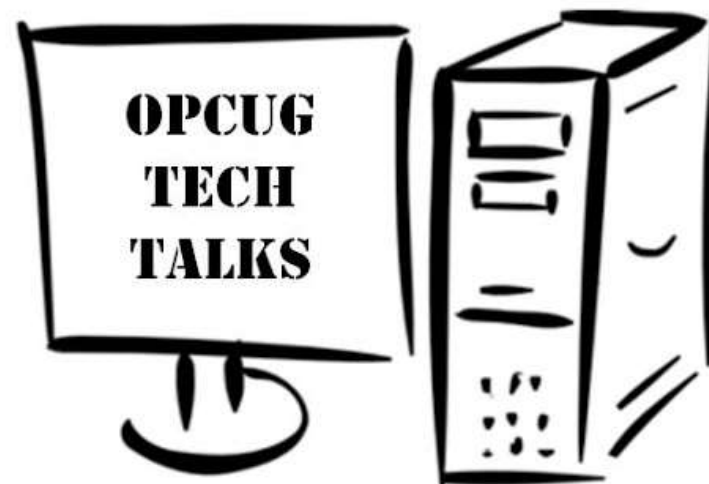
July 4th, 7:00 pm

Most wireless routers do not default to the most secure configuration. Make sure you are not the “low hanging fruit” that someone will decide to attack.

It is surprisingly easy to make sure your router is secure. **Chris Taylor** will show you just how easy it is to do so.

Full details at:

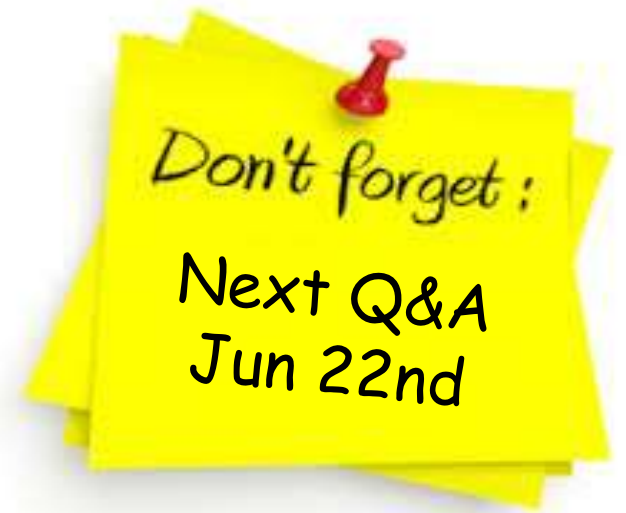
<https://opcug.ca/events/wireless/>



Chris Taylor

Registration required

*Free for OPCUG members
\$20.00 for non-members
(including one-year membership)*



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

SuggestionBox@opcug.ca

