



Alan German & Chris Taylor

Ottawa PC Users' Group

July 3, 2024

Follow-up

Creating a song with AI

- Last week Bob Herres created a song using ChatGPT (for lyrics) and Suno (for music)
https://opcug.ca/qa_recordings/20240626_PowerPoint.pdf
- He made a birthday song for Bugs Bunny which set the tone for the future.
- Subsequent efforts resulted in a lot bunnies and near sighted hamsters!



suno.com

Follow-up

As easy as Bob said

- It took no more than 2 seconds for ChatGPT to create a song based on “Nancy is celebrating her 66th birthday. She is married to Andy and likes horses, dogs and singing”.
- In Suno, pick a style and give the song a title and click on custom. That allows you to paste in the lyrics that ChatGPT created. I specified “folk” for song style.
- Took less than a minute to create two versions.
- So Bob was right....but....

Sumo determined I was classier than Bob!



Happy Birthday Nancy

DEMO

The audio recording is available as the file:
20240703-HappyBirthdayNancy.m4a



Happy Birthday Nancy

"Nancy's Melody"

(Verse 1)

Nancy's turning sixty-six, oh what a time,
With Andy by her side, they've weathered
every climb.

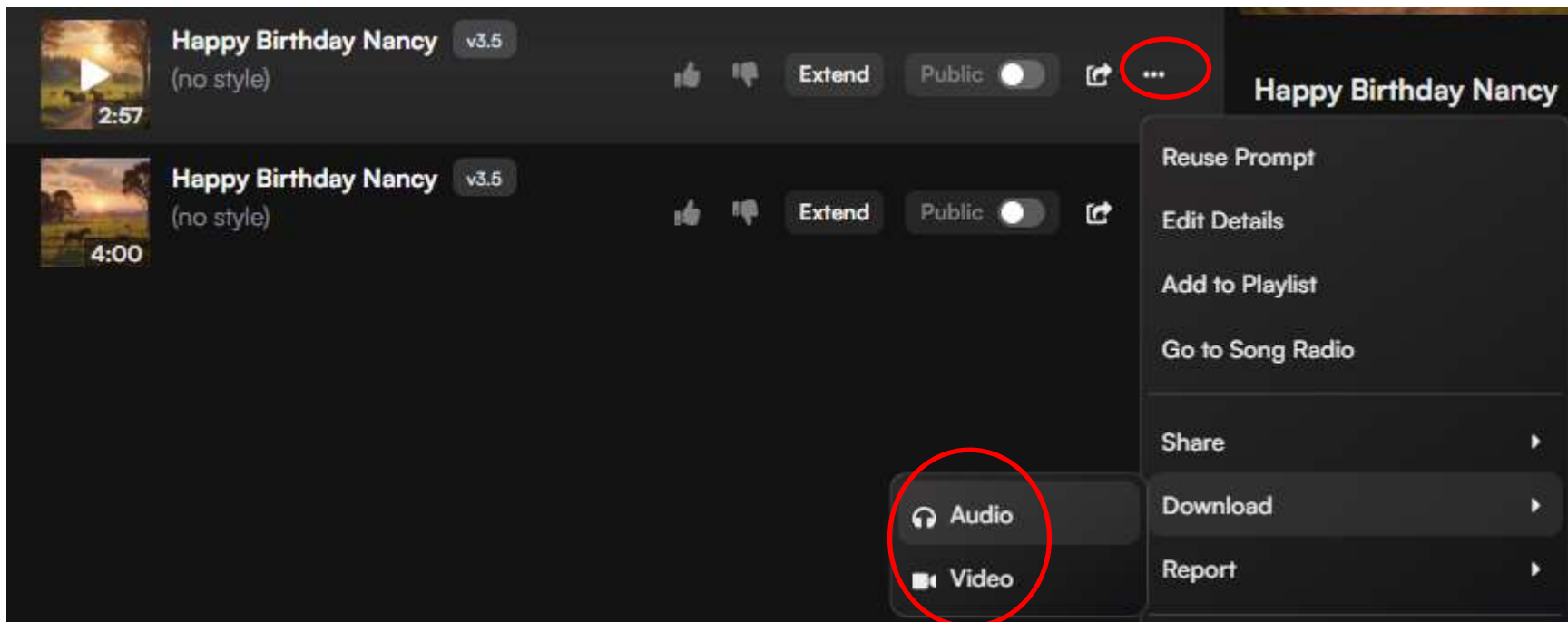
She loves her horses, running wild and free,



Follow-up

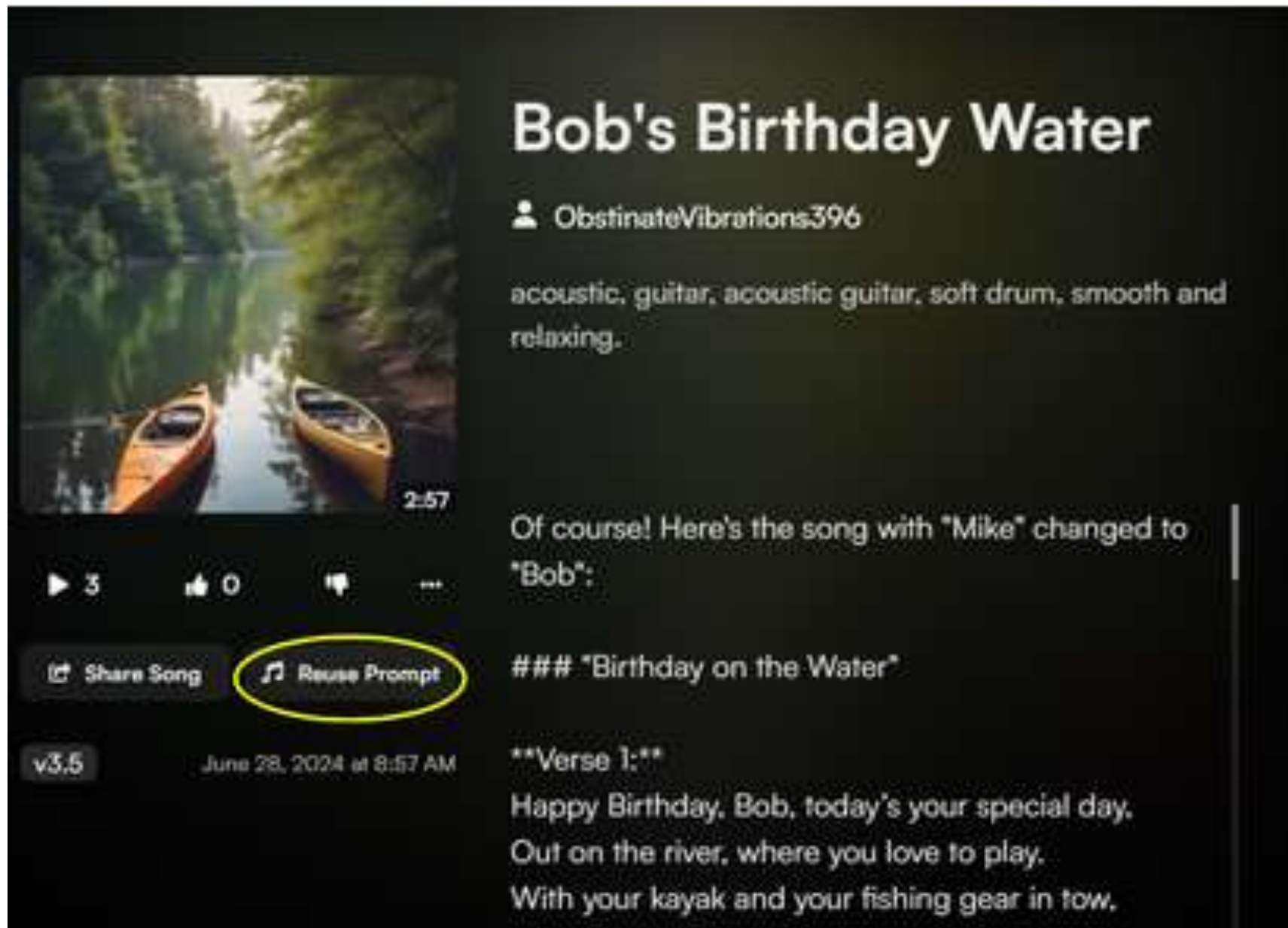
Warnings

- When you decide which song you like, click on menu, download, video and audio.
- This can take a loooooong time. Paid customers get priority. If not done within 10 minutes, try refreshing the browser. Mine downloaded instantly the second time.



Follow-up

Bob has since discovered



Bob's Birthday Water

ObstinateVibrations396

acoustic, guitar, acoustic guitar, soft drum, smooth and relaxing.

Of course! Here's the song with "Mike" changed to "Bob":

"Birthday on the Water"

Verse 1:

Happy Birthday, Bob, today's your special day,
Out on the river, where you love to play.
With your kayak and your fishing gear in tow,

3 0

Share Song Reuse Prompt

v3.5 June 28, 2024 at 8:57 AM

☒ Custom

v3.5 ▾

 Upload Audio

Lyrics ⓘ

Of course! Here's the song with "Mike" changed to "Bob":

"Birthday on the Water"

Verse 1:

Happy Birthday, Bob, today's your special day,
Out on the river, where you love to play.
With your kayak and your fishing gear in tow,

Generate Lyrics

1749/3000

☐ Instrumental ⓘ

Style of Music ⓘ

acoustic, guitar, acoustic guitar, soft drum, smooth and relaxing.

rock

drum

pop

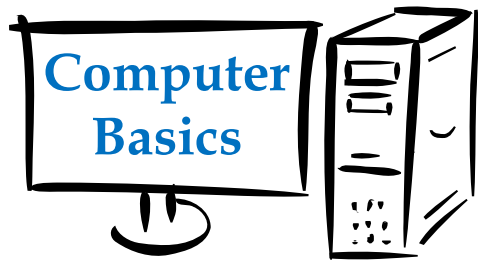
bass

piano

emo

energetic

67/120

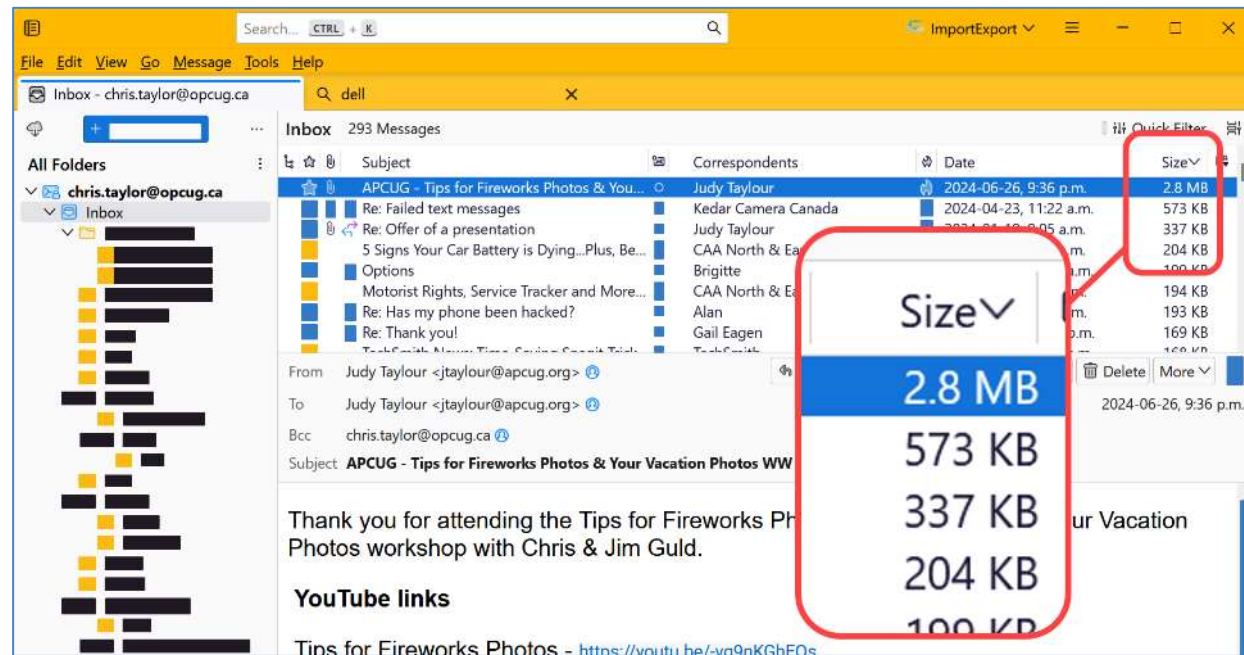


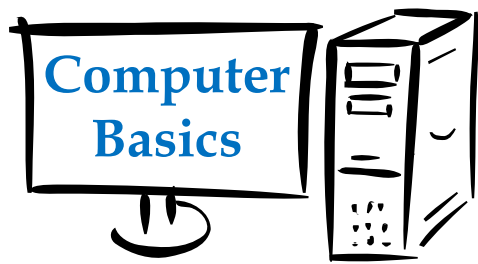
Finding large Gmail emails

- Problem:
 - Google gives you 15 GB free space
 - spread across all Google properties: Gmail, Drive, Photos...
 - Gmail can take up a huge amount of space over years
 - especially with large attachments or embedded graphics
 - can't *sort* Gmail by size to find big emails to delete

Unlike Thunderbird

- click any header to sort

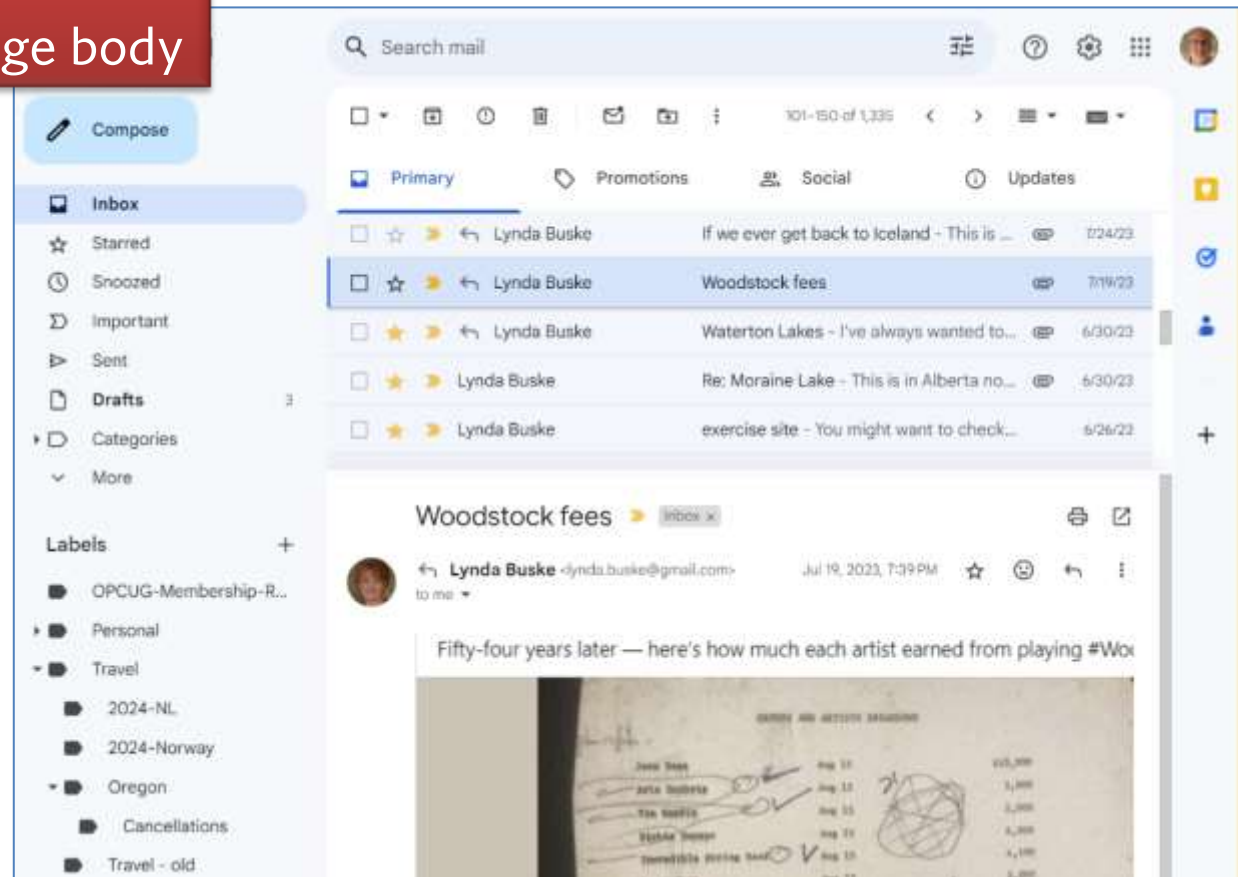


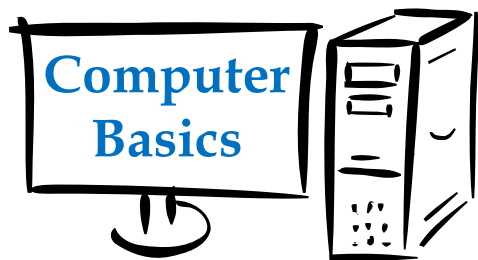


Can't easily see size of emails in Gmail

With embedded graphics

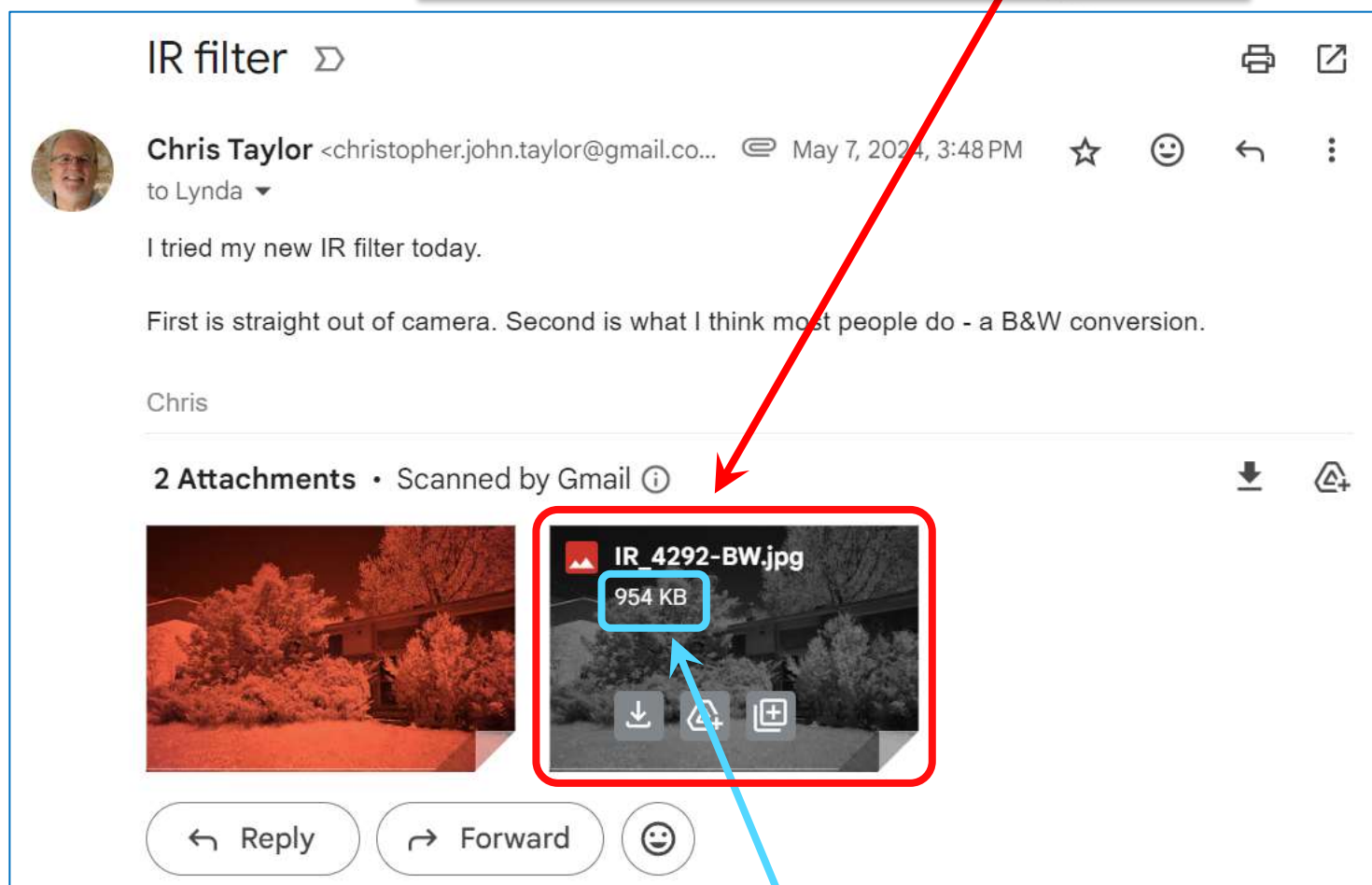
- no way to see size
- no header with size
- no indication in message body



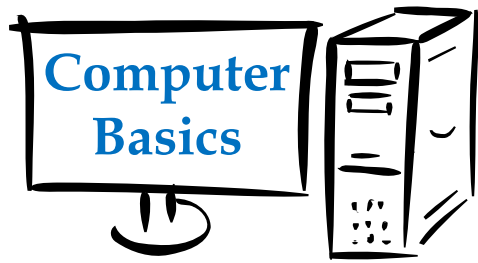


See size of attachments in Gmail

Hover mouse over attachment



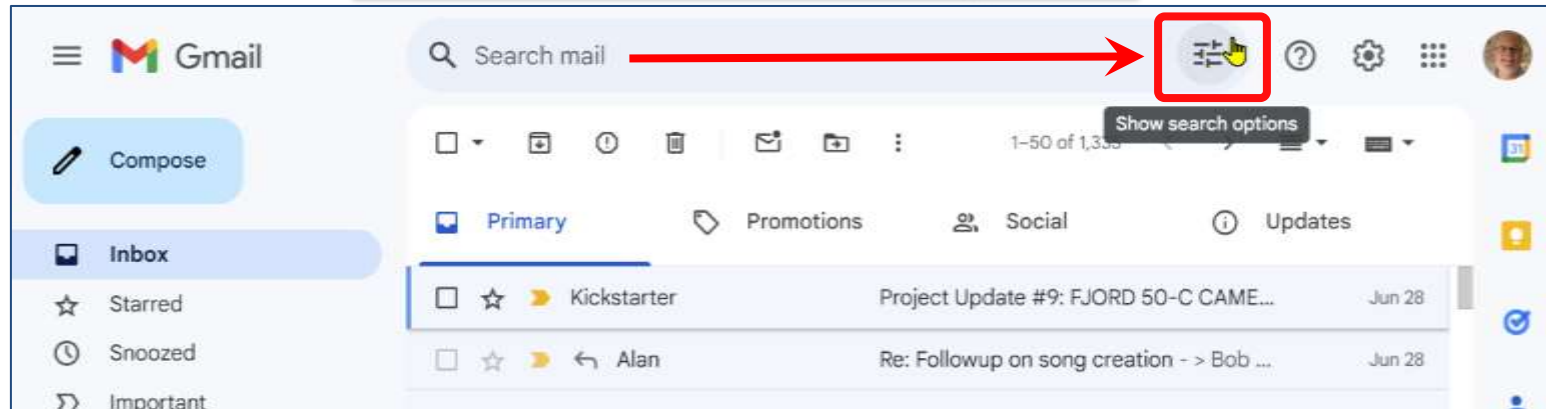
Size of attachment shown



Solution: searching

- The one thing Google knows how to do: *Search!*

Click **Show search options**



Size > greater than

- only emails larger than that will be displayed
 - start with large size
 - search progressively smaller

A screenshot of the Gmail search filters panel. The 'Size' filter is highlighted with a red box and set to 'greater than 1 MB'. Other filters include 'From', 'To', 'Subject', 'Has the words', 'Doesn't have', 'Date within', 'Search', 'Has attachment', and 'Don't include chats'. The 'Search' dropdown is set to 'All Mail'. At the bottom, there are buttons for 'Create filter' and 'Search'.

Share

Backup files on an Android device to a flash drive



- Android is based on the Linux kernel (think free and open-source software), but Google has modified the Linux source code
- Several storage access restrictions have been implemented in Android 10+ that can affect the use of external USB flash drives
- These restrictions are intended to improve user privacy and security (but I want an app to copy **my files to my USB drive!**)
- Apps can request the *All files access* permission, but this requires justification and approval from Google for Play Store distribution
- File managers and similar apps may be granted expanded access after filing a request with Google

Backup Process

- An external USB drive stores copies of personal data files on a local medium
- Most available apps want to synchronize files and folders to cloud storage
- *FolderSync* is a free app that, in addition to cloud synchronization, allows file storage on an external USB drive
- Android file permissions are an issue that has to be addressed in the setup
- Some aspects of the synchronization process are not intuitive (and not well documented)
- But the app can work well. Let's see how...



Google Play

12:44

41%



Tacit Dynamics

FolderSync



4.3 ★

27K reviews

1M+

Downloads



Everyone

Install

Install on phone. More devices available.

Contains ads • In-app purchases

✓ Phone

Chromebook

Tablet



About this app



FolderSync enables easy sync of files between cloud storage and Android devices.

Communication

Tools

Storage/drive

Data safety



12:46

41%



Thanks for installing
FolderSync

License

By using this app you accept the EULA which can be
found by the link below.

<https://foldersync.io/eula/>

Agree to terms



Thanks for installing
FolderSync

License

By using this app you accept the EULA which can be found by the link below.

<https://foldersync.io/eula/>

Agree to terms



Privacy policy



FolderSync transmits personal files to enable syncing of these files to cloud storage/servers, as configured by the user. Tacit Dynamics do not have access to your files, they are transferred directly between your device and the configured provider.

The cloud/service provider you configure to store your files may have a different privacy policy, consult their relevant documentation for further info.

<https://foldersync.io/privacypolicy>

Accept privacy policy ☒

Next





Permissions

To sync your files FolderSync needs permission to access files on the device.

File permissions

Manage all files



Other permissions

Location in background



Battery optimization disabled



Notifications



Added folder permissions

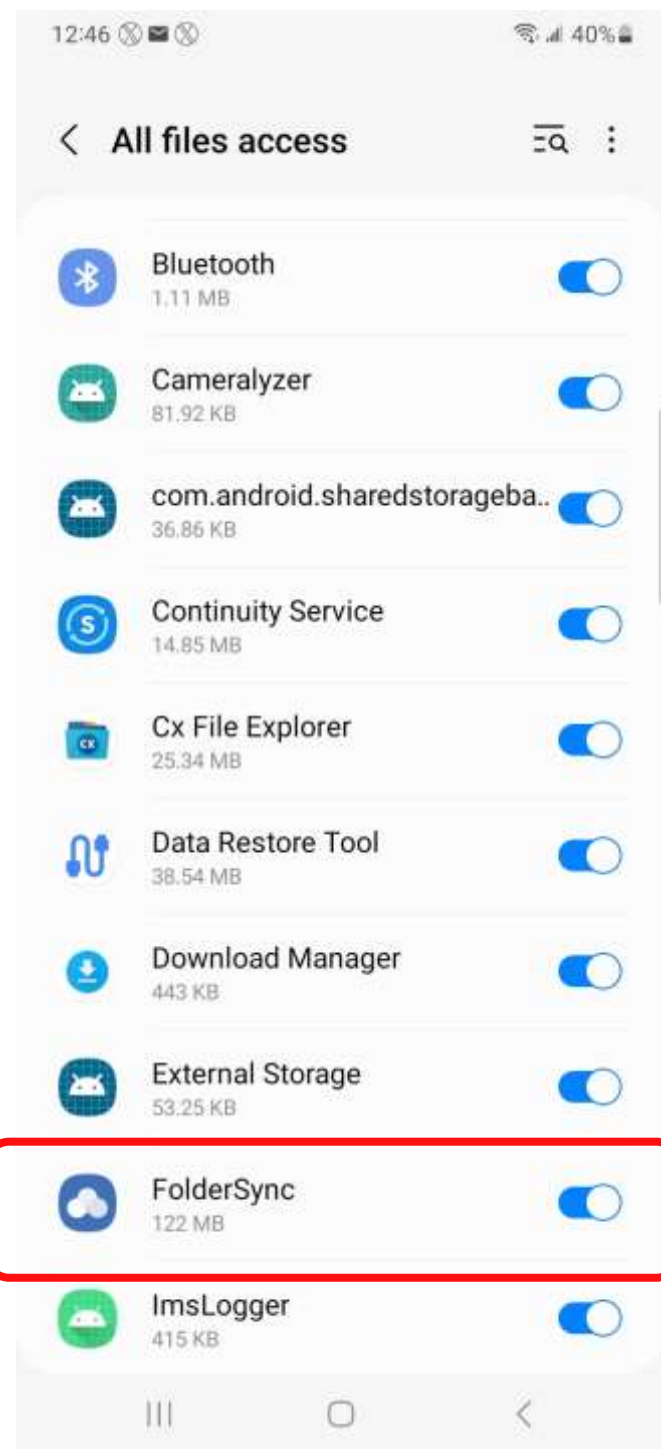
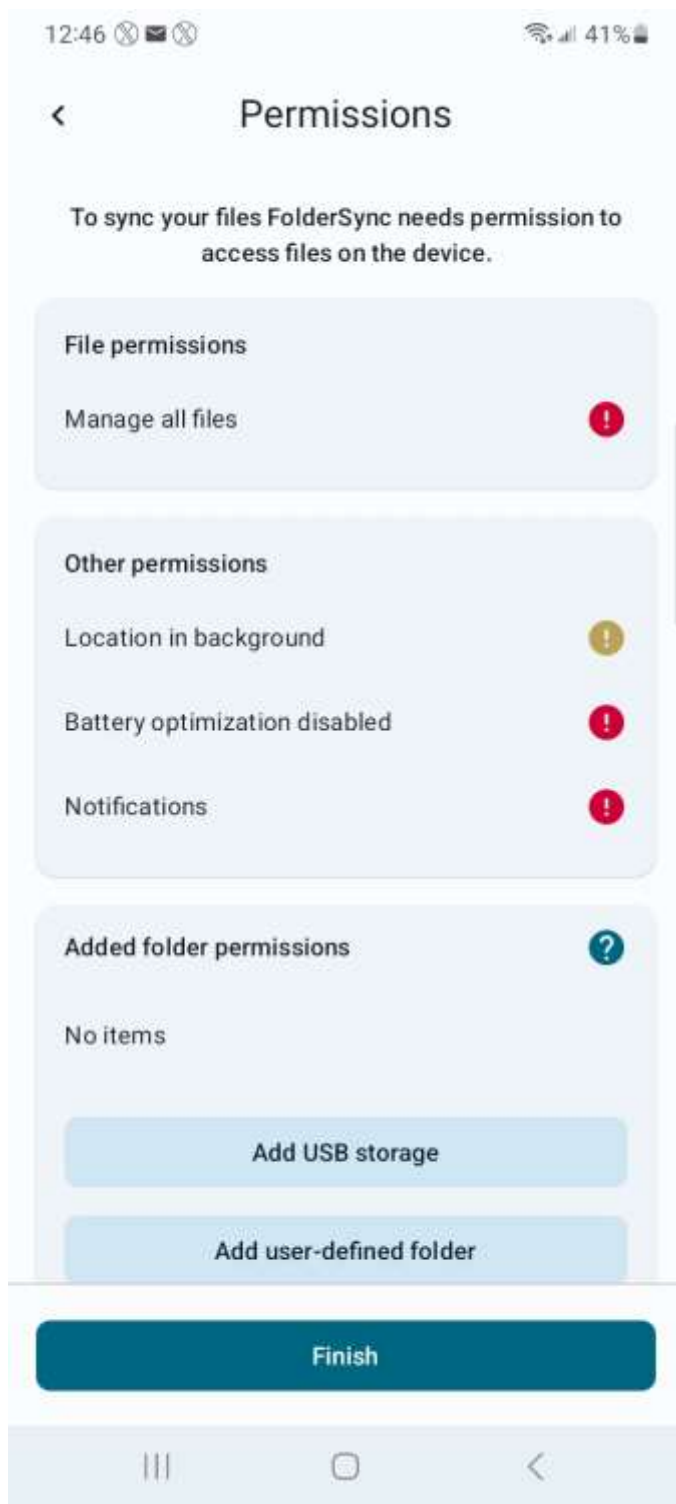


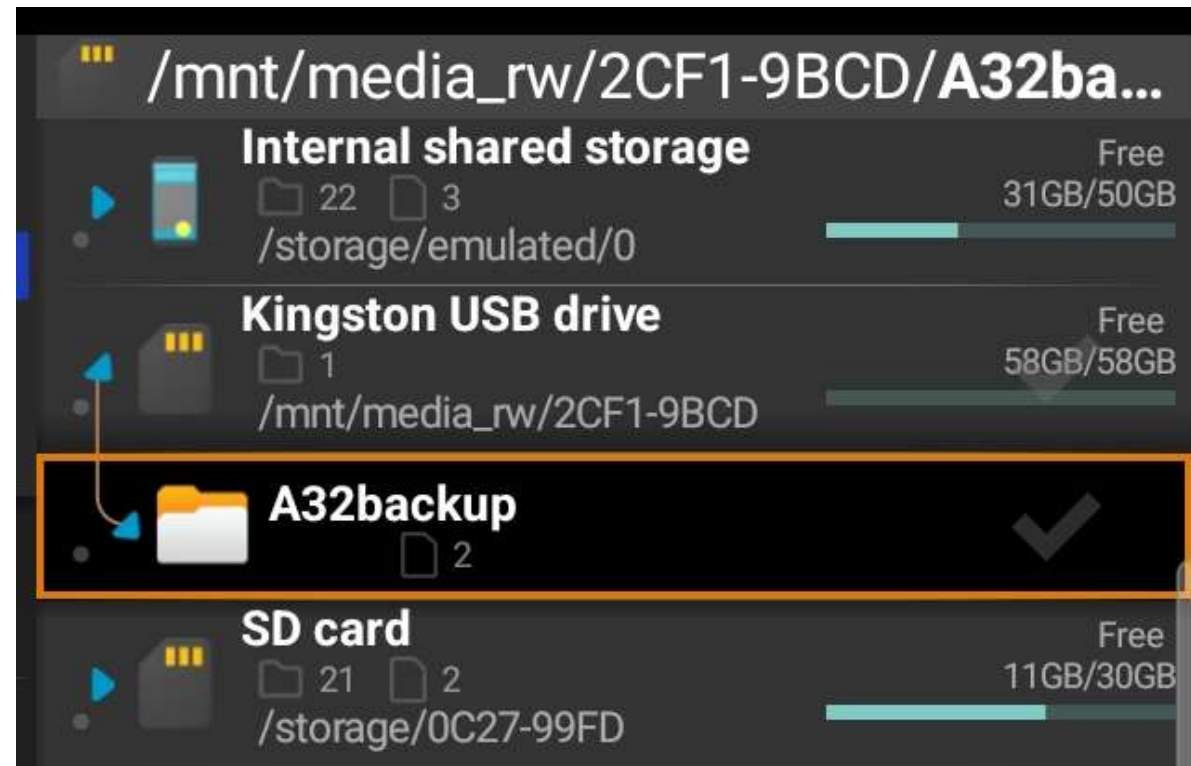
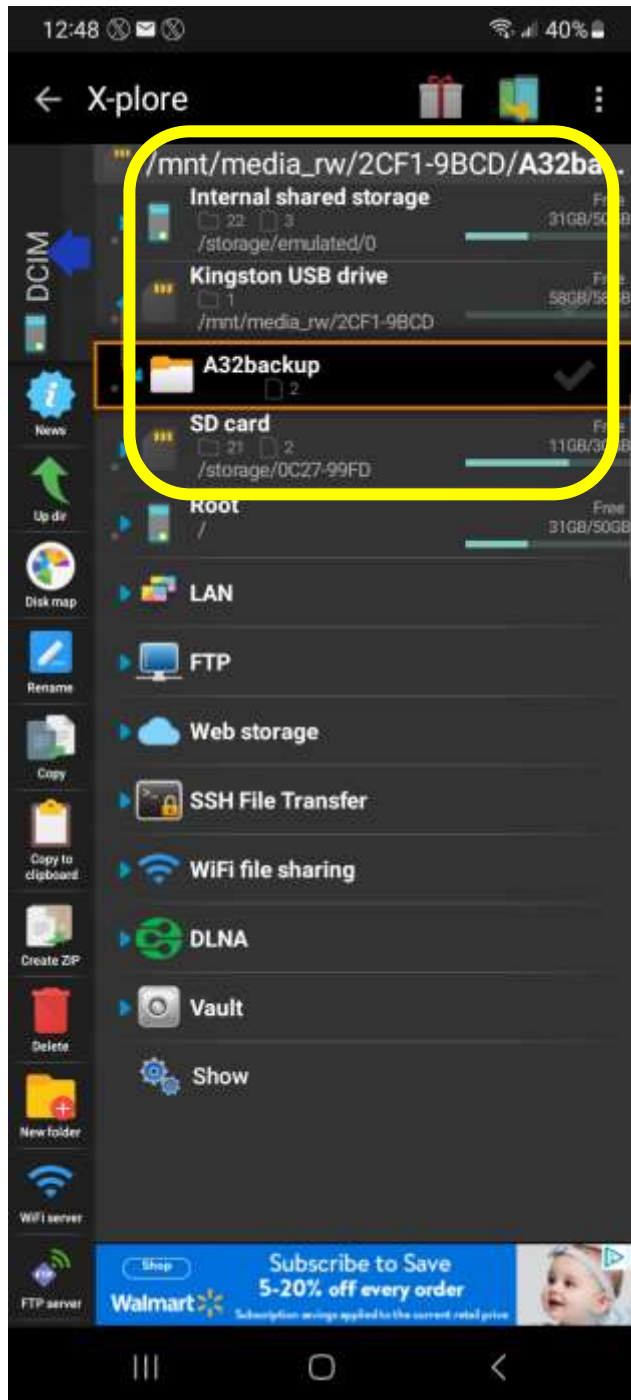
No items

Add USB storage

Add user-defined folder

Finish





Note the Android mount point for the backup folder on the flash drive

`/mnt/media_rw/2CF1-9BCD/A32backup`

2:41

35%



Permissions

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Manage all files



Other permissions

Location in background



Battery optimization disabled



Notifications



Added folder permissions

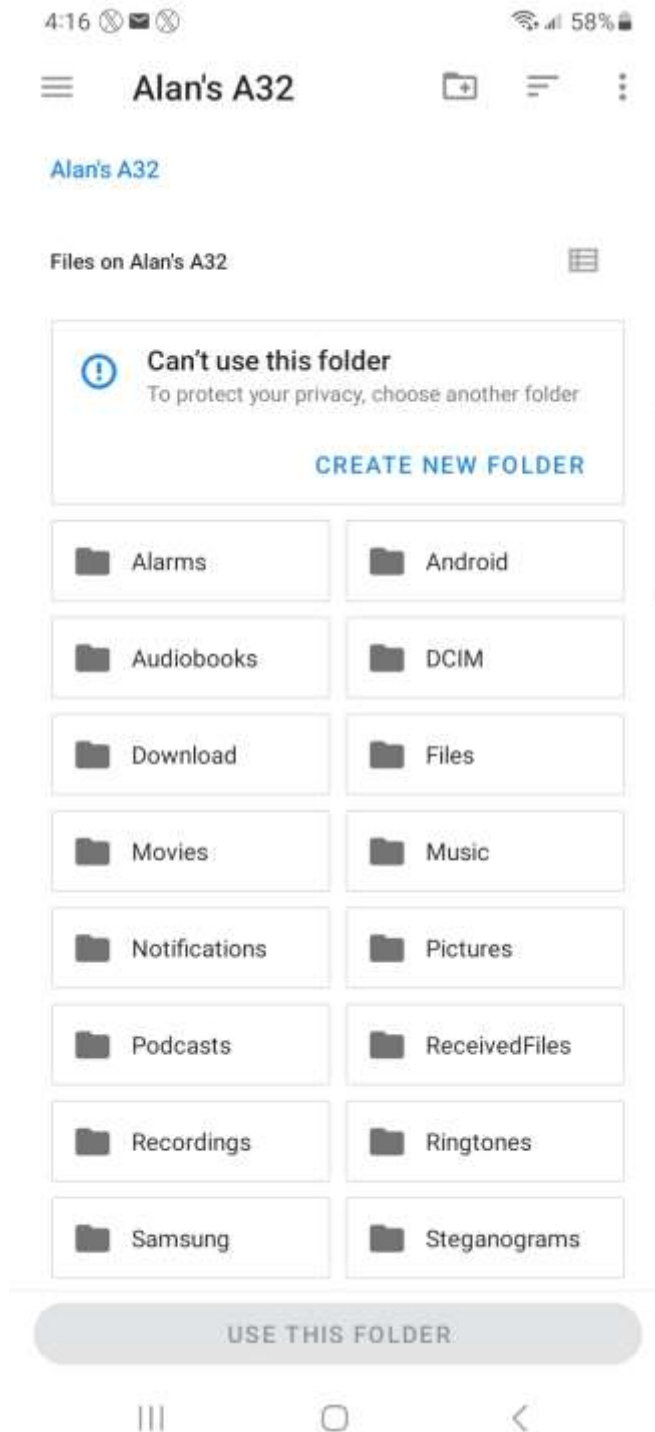


No items

Add USB storage

Add user-defined folder

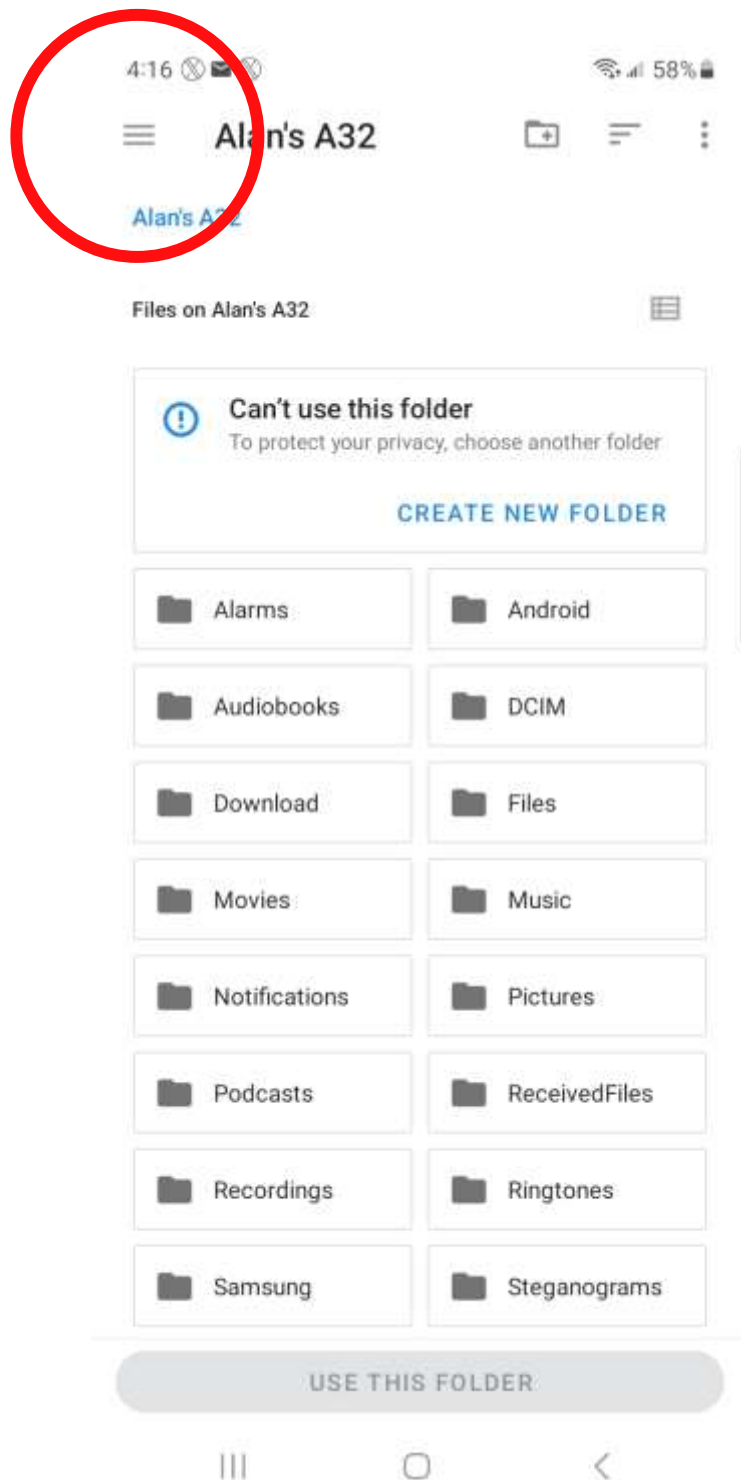
Finish



This page is displaying
the internal storage of
my smartphone

It does not show the
USB flash drive!

The trick is...



This page is displaying the internal storage of my smartphone

It does not show the USB flash drive!

The trick is...

4:45

Open from



Alan's A32



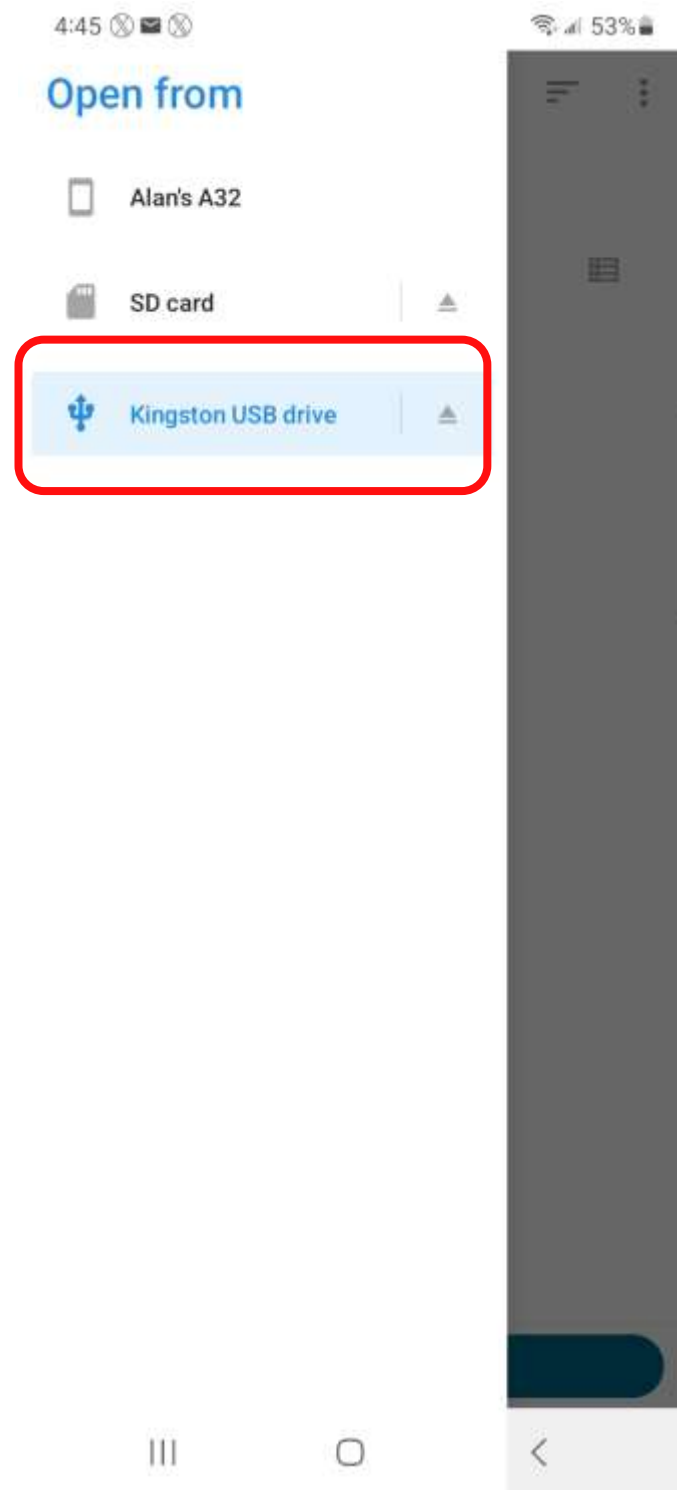
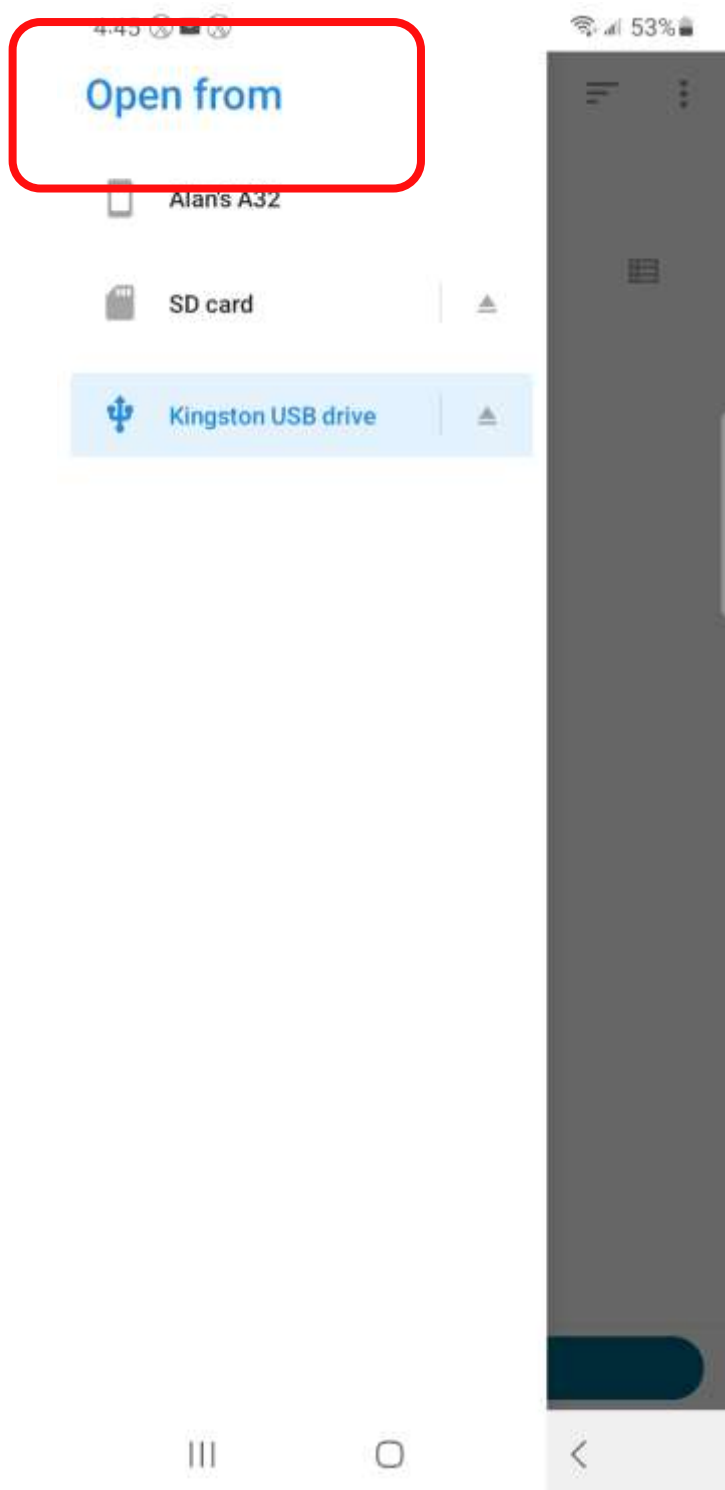
SD card



Kingston USB drive

53%





4:46

53%



Kingston USB d...



Kingston USB drive

Files on Kingston USB drive



A32backup

USE THIS FOLDER

4:42

54%

A32backup

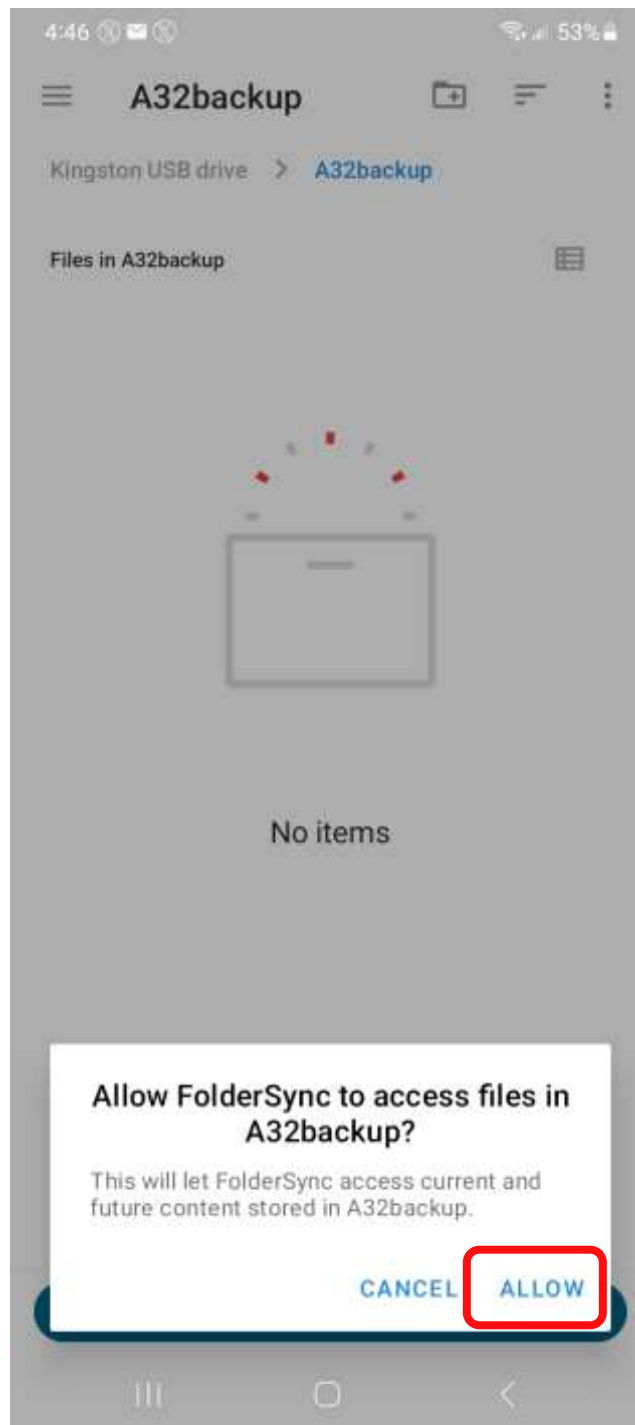
Kingston USB drive > A32backup

Files in A32backup



No items

USE THIS FOLDER



4:46

53%



Permissions

To sync your files FolderSync needs permission to access files on the device.

File permissions

Manage all files



Other permissions

Location in background



Battery optimization disabled



Notifications



Added folder permissions

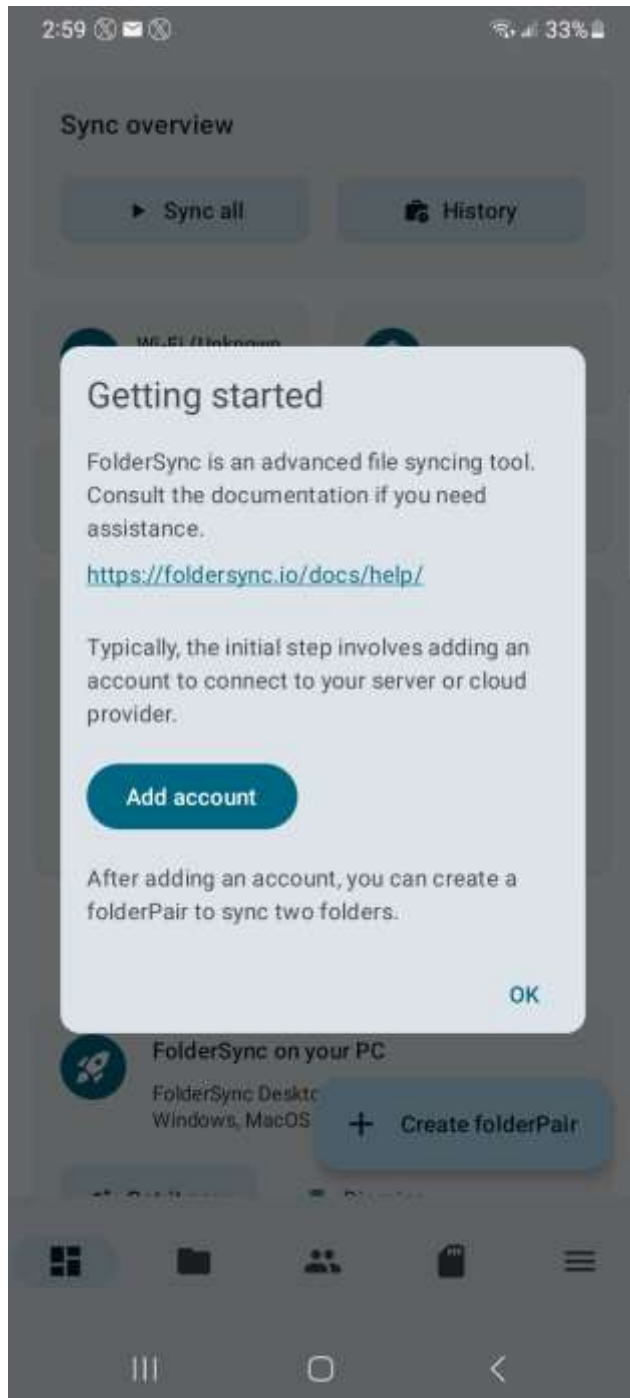


No items

Add USB storage

Add user-defined folder

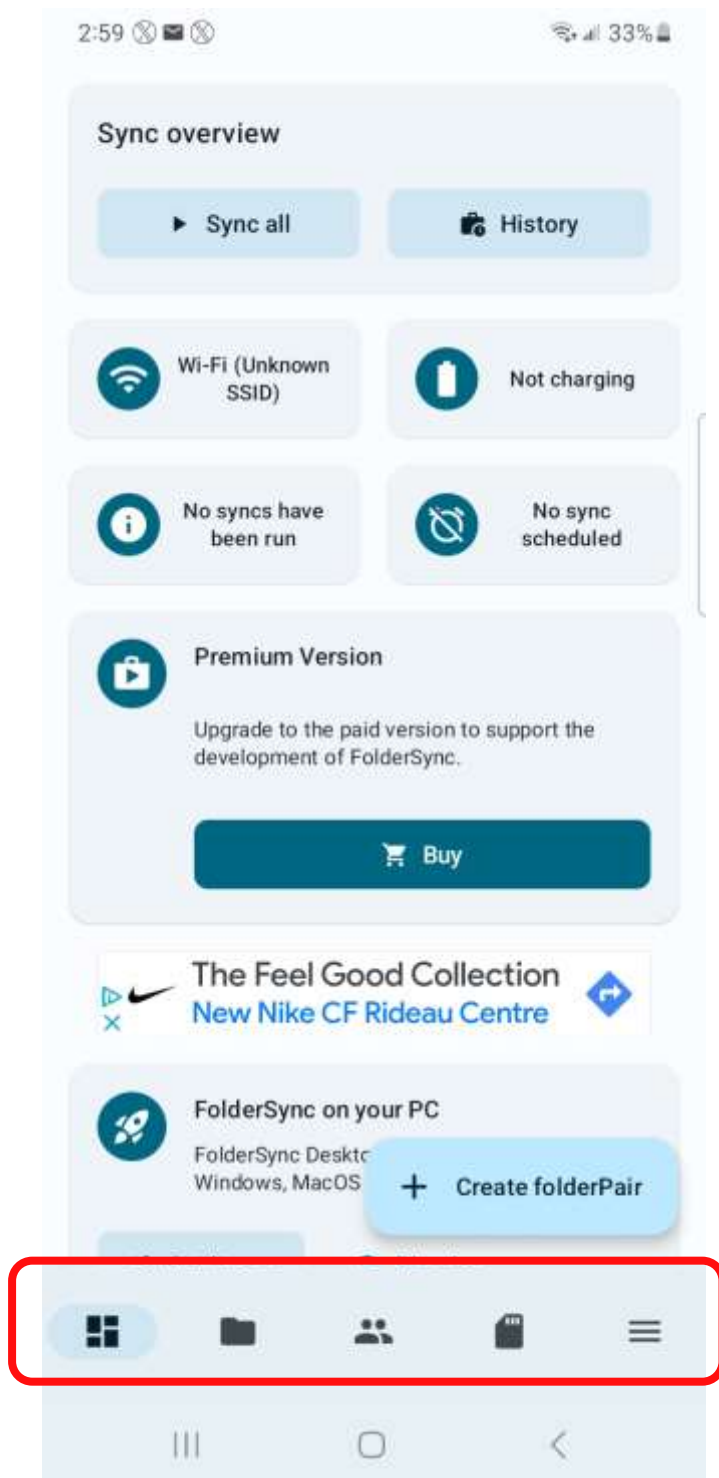
Finish



This is for adding the logon credentials for an established cloud storage account (e.g. Dropbox, Google Drive)

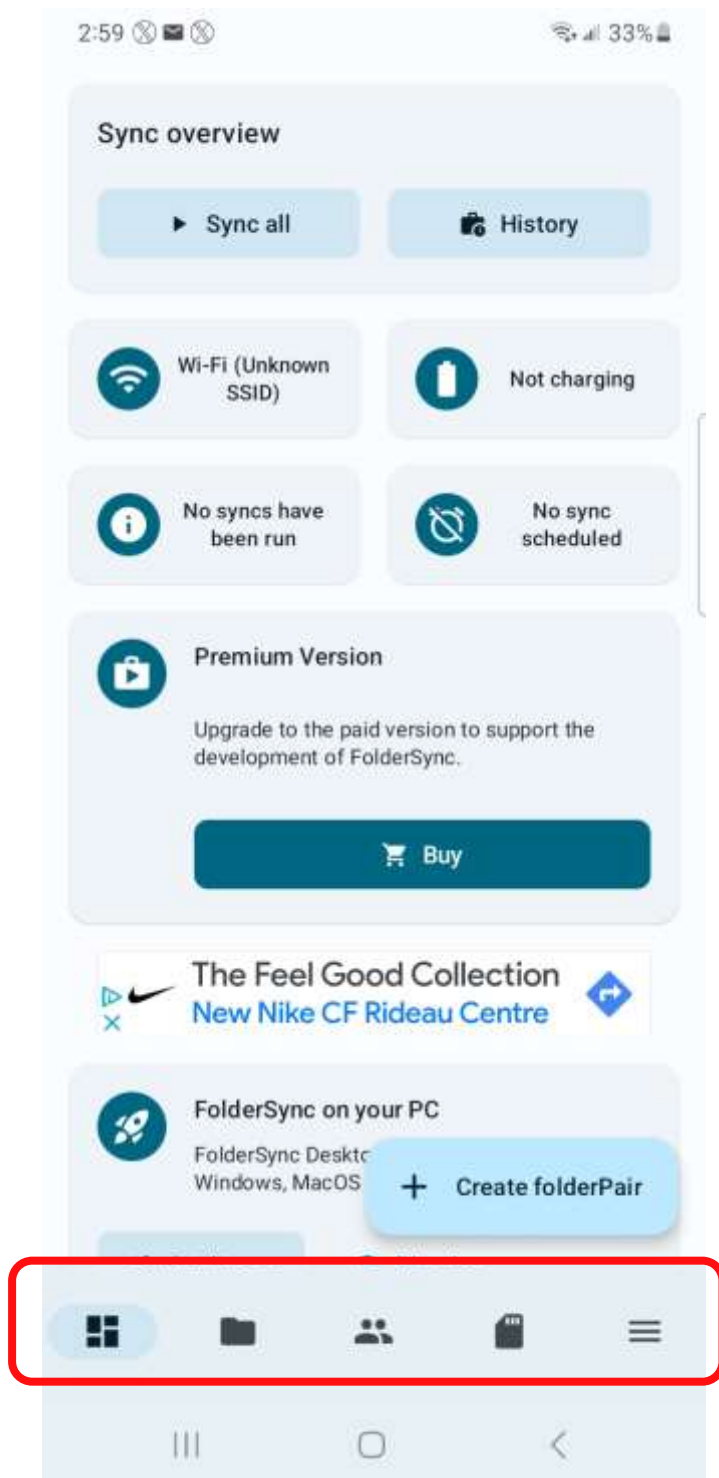
Since we are using a local USB drive, we don't need to set up an account

Click on *OK* to continue

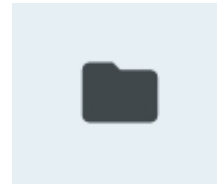


Sync Overview Page

Other functions are accessed using the icons at the bottom of the page



Overview (this page)



Folder Pairs



Accounts



File/folder Manager



Settings/Permissions

1:21

35%



All

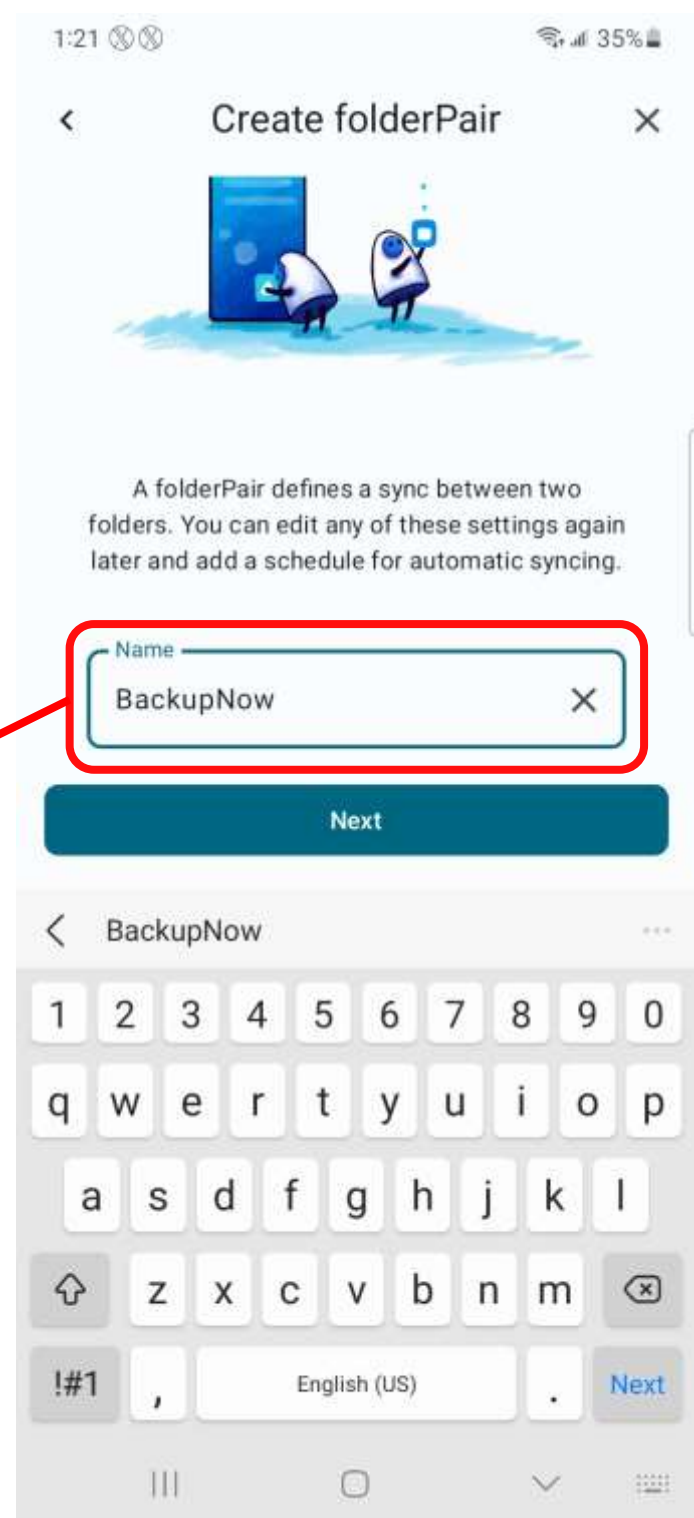
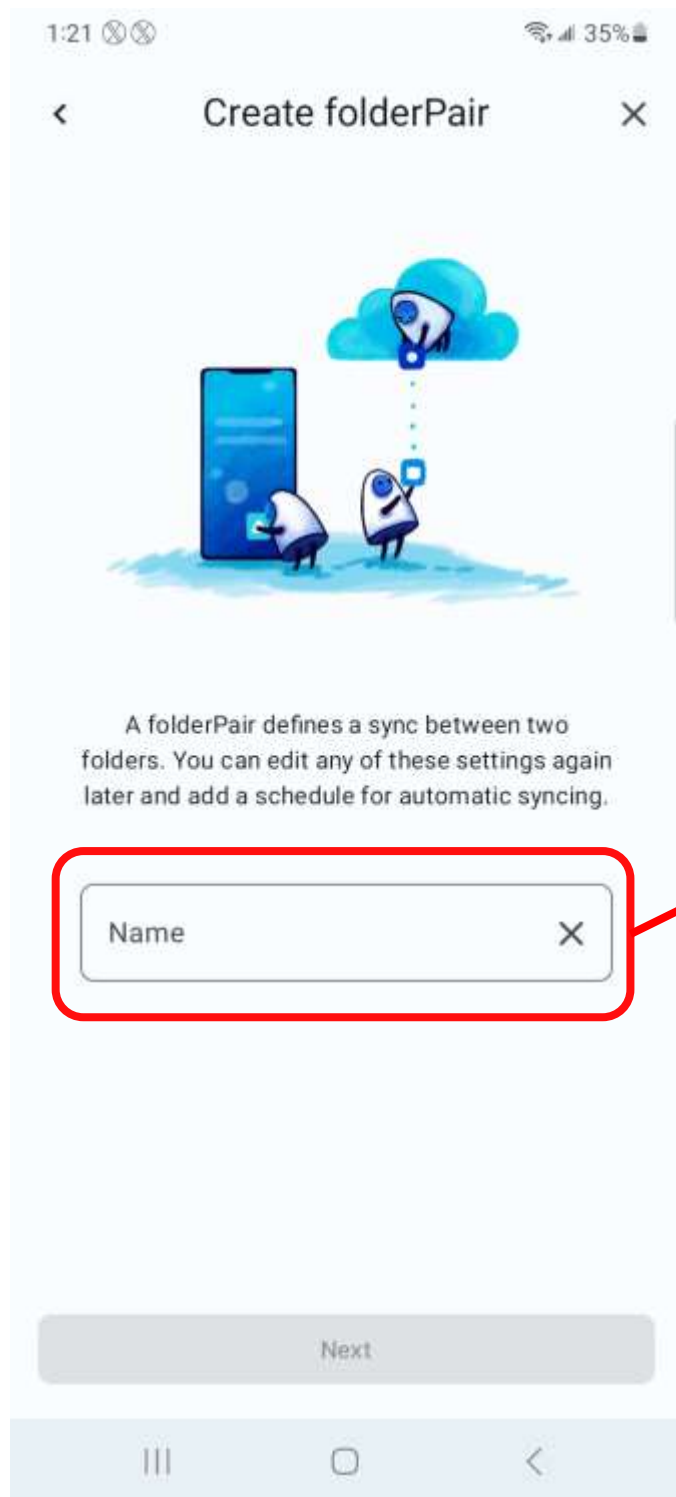
Successful

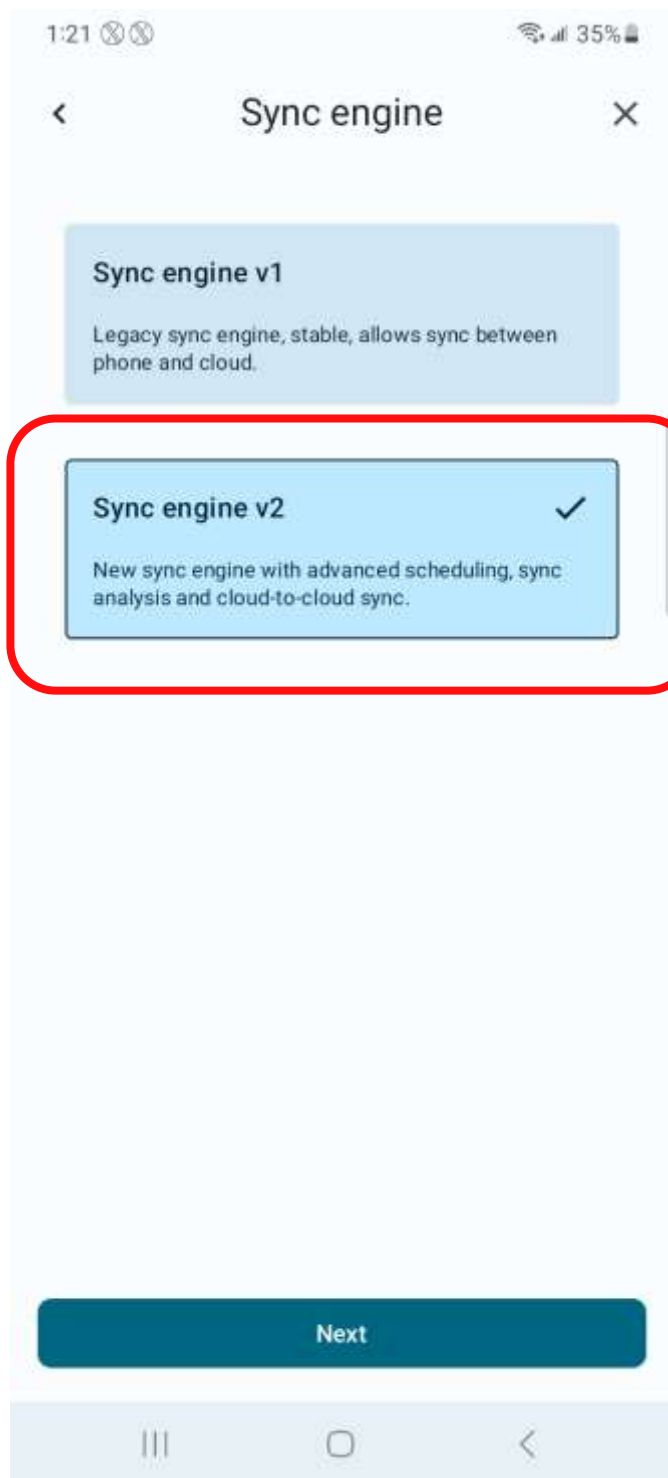
Failed

You haven't created any folderpairs.
Create one to get started.

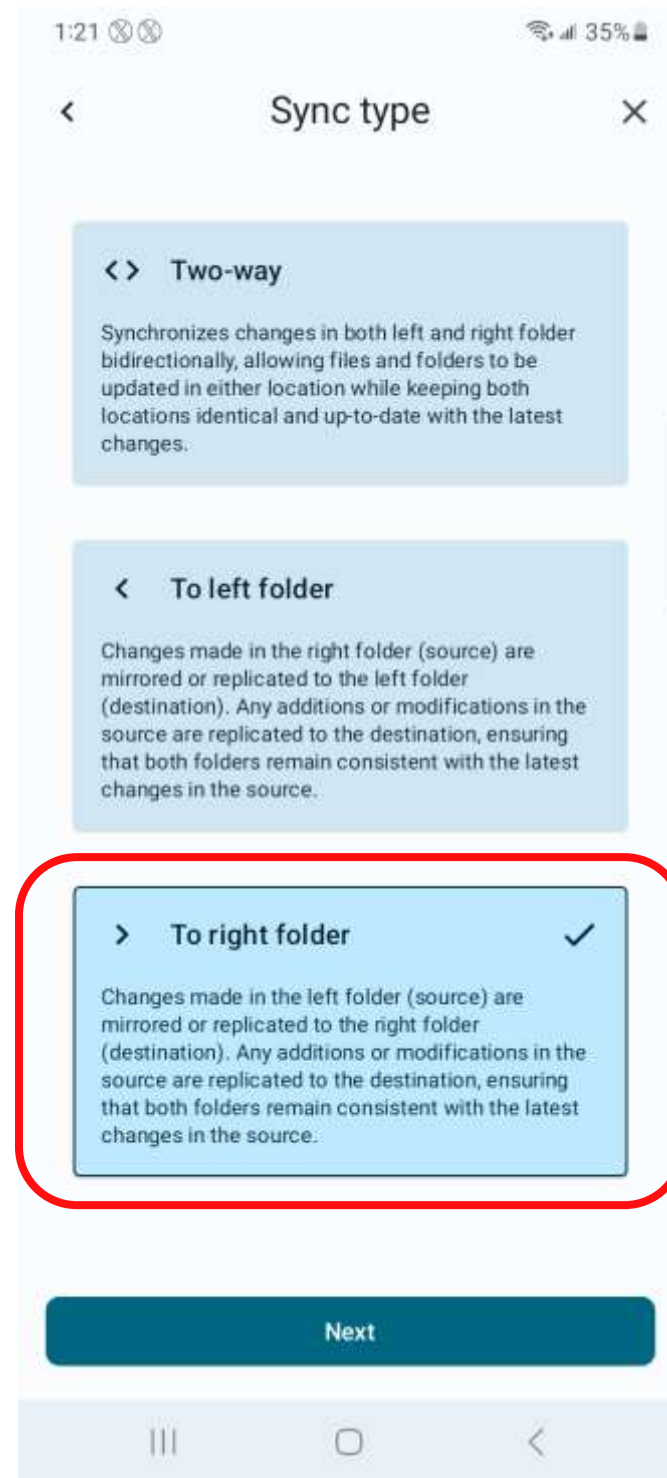
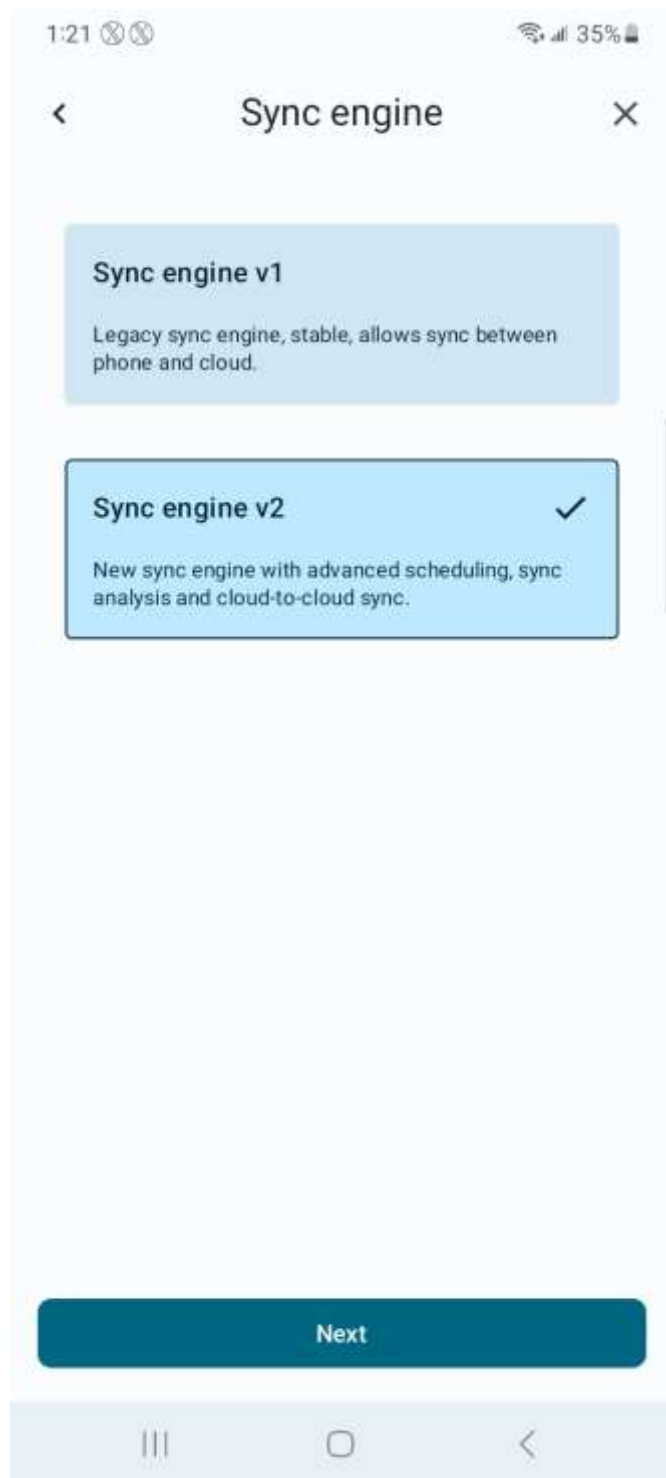
+ Create folderPair







Default





Sync folders



Left folder <



SD CARD



Select folder



Right folder >



SD CARD

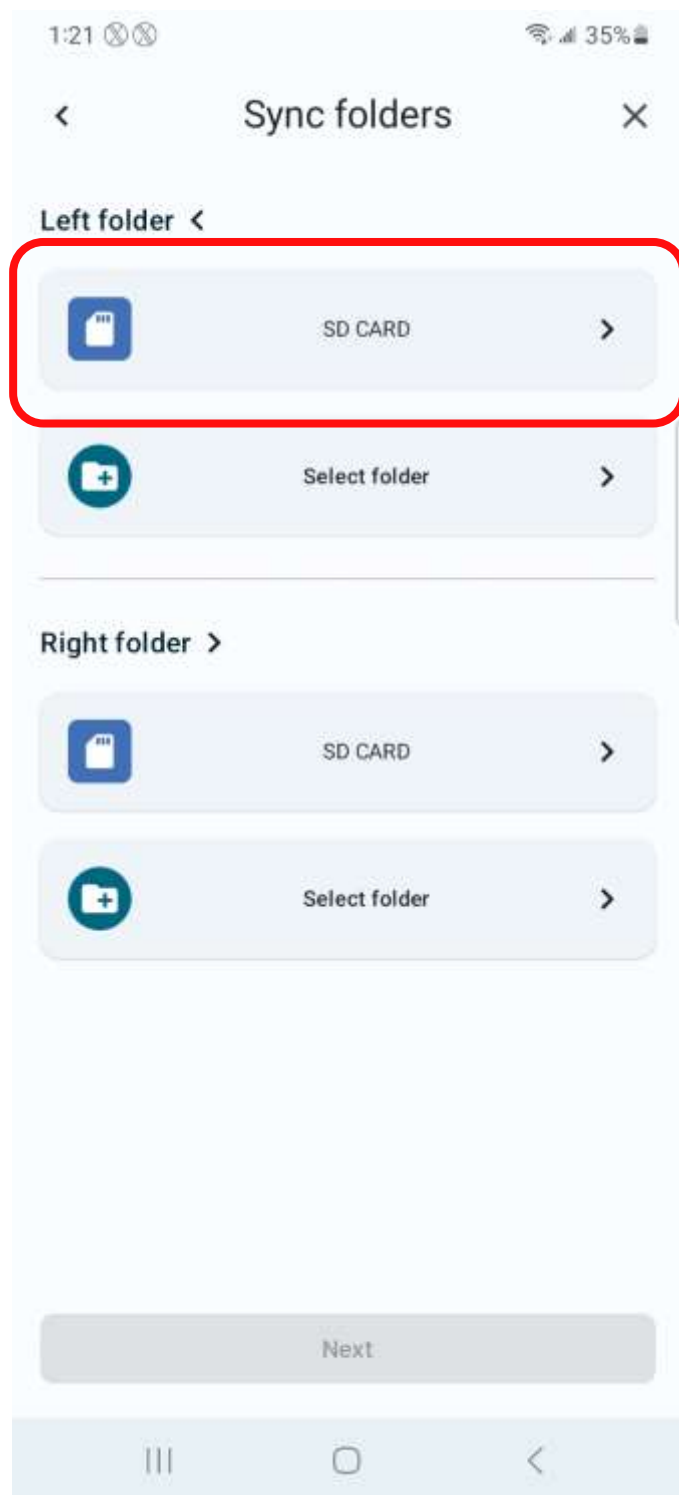


Select folder



Next





Android's file system
can be confusing

SD CARD is not the
micro-SD card !

It's the internal storage

1:21

35%



Sync folders



Left folder <



SD CARD



Select folder



Right folder >



SD CARD



Select folder



Next



1:22

35%



Select folder



/storage/emulated/0/



Audiobooks

2021-08-28 4:28 p.m.



DCIM

2023-07-05 8:38 a.m.



Download

2024-06-17 11:42 a.m.



Files

2022-04-20 11:32 a.m.



Movies

2021-08-28 4:28 p.m.



Music

2022-05-14 10:05 a.m.



Notifications

2021-08-28 4:28 p.m.



Pictures

2024-04-14 8:33 p.m.



Podcasts

2021-08-28 4:28 p.m.



ReceivedFiles

2024-06-18 1:06 p.m.



Recordings

2022-01-04 10:41 a.m.

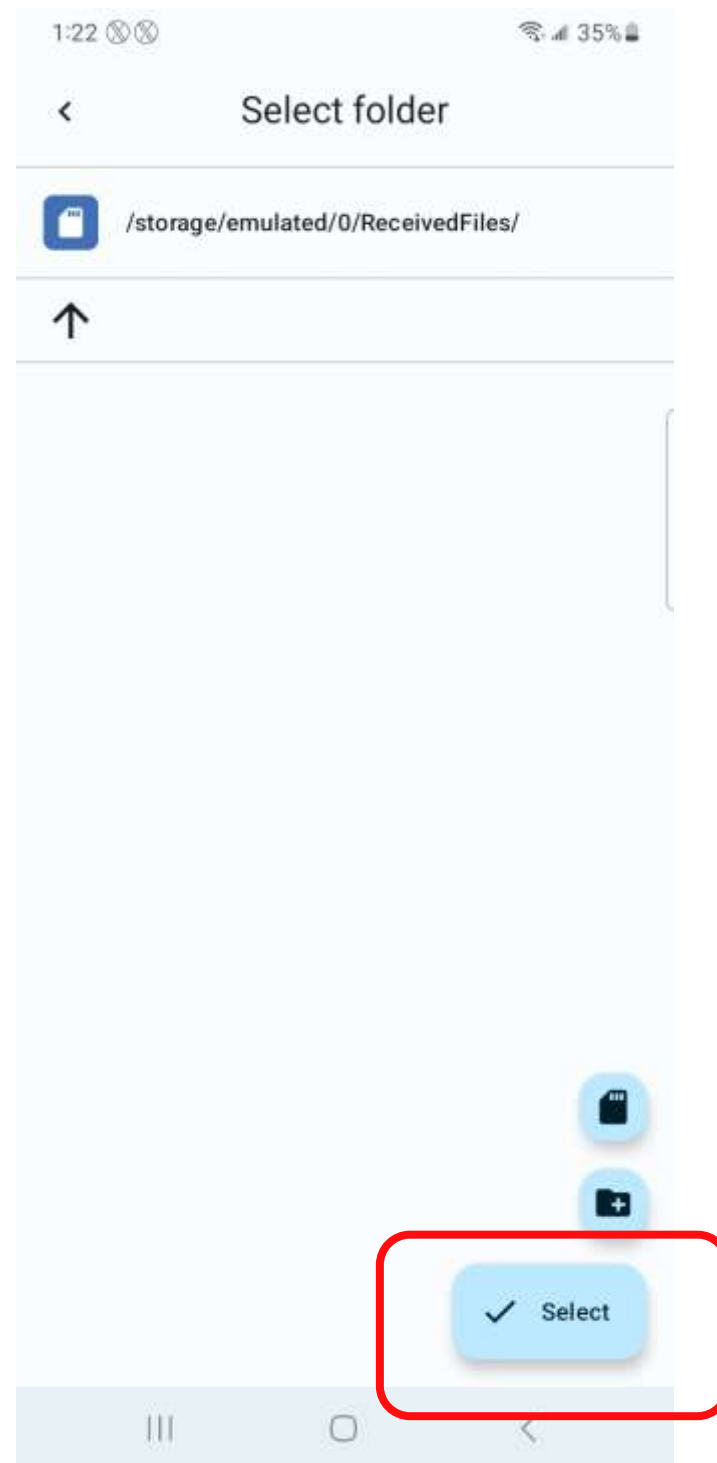
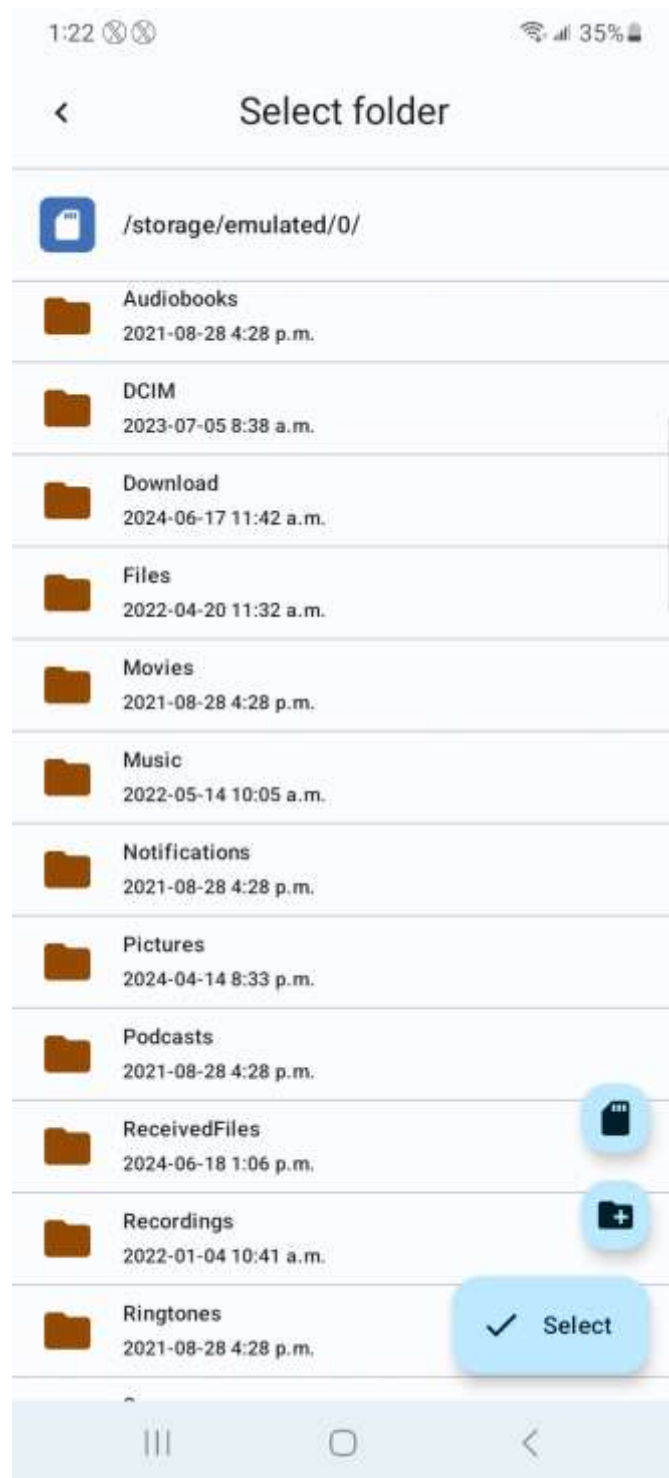


Ringtones

2021-08-28 4:28 p.m.



Select





Sync folders



Left folder <



SD CARD



Change folder



/storage/emulated/0/ReceivedFiles/

Right folder >



SD CARD



Select folder



Next



12:53

39%



Sync folders



Left folder <



SD CARD



Change folder



/storage/emulated/0/ReceivedFiles/

Right folder >



SD CARD



Select folder



Next



12:53

39%



Select folder



/storage/emulated/0/ReceivedFiles/



Select storage



Internal shared storage



Kingston USB drive



SD card

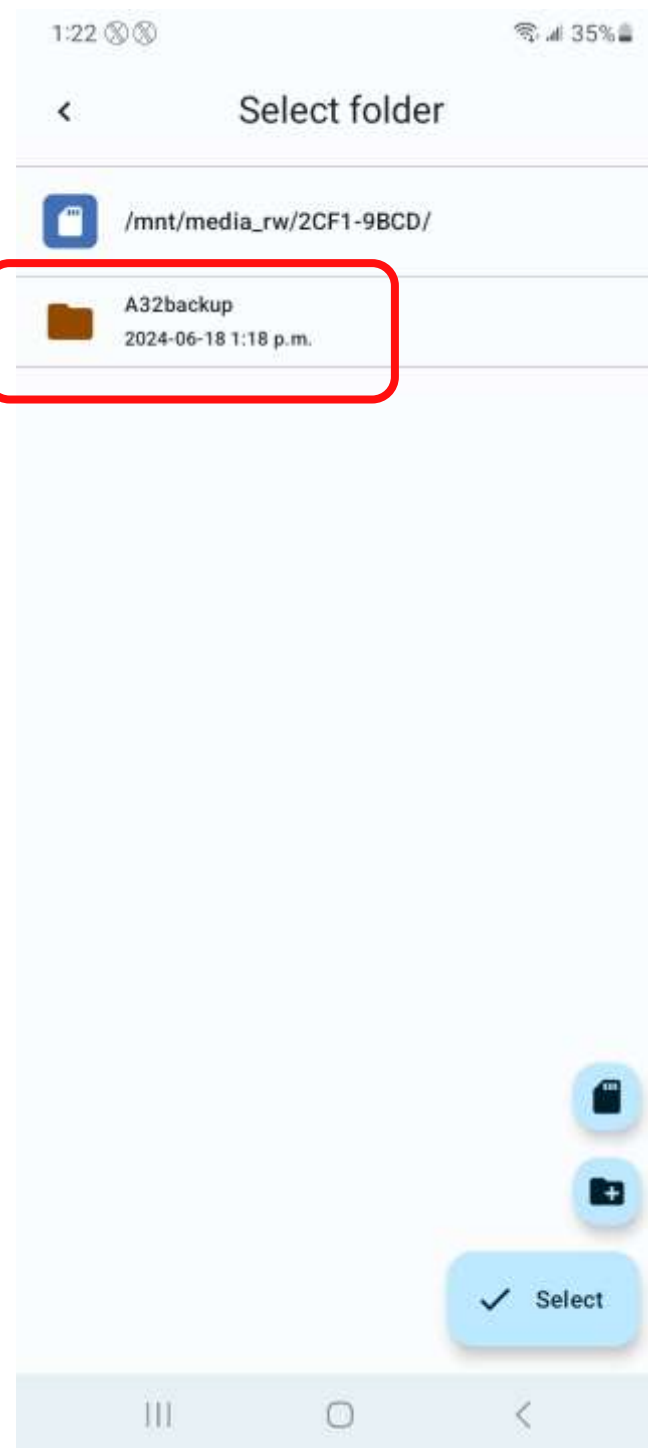
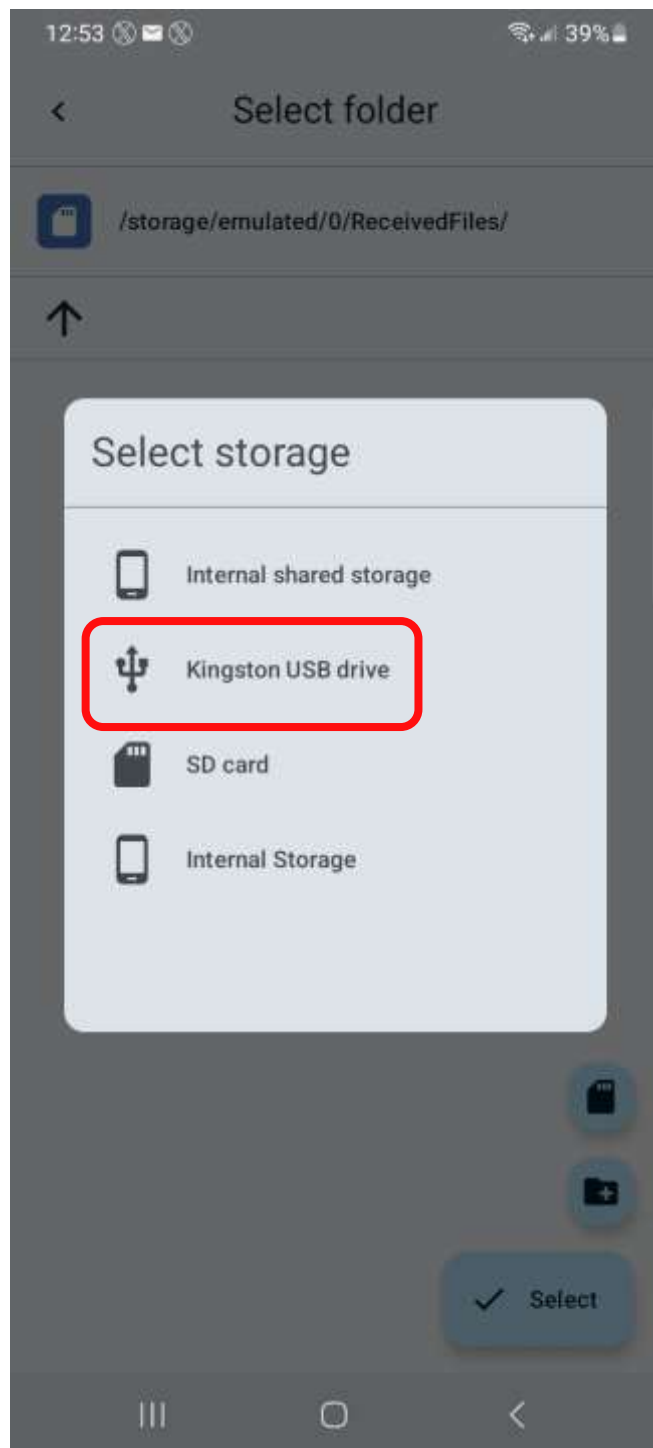


Internal Storage



Select





1:22

35%



Select folder



/mnt/media_rw/2CF1-9BCD/A32backup/



Select



Sync folders



Left folder <



SD CARD



Change folder



/storage/emulated/0/ReceivedFiles/

Right folder >



SD CARD



Change folder



/mnt/media_rw/2CF1-9BCD/A32backup/

Next



1:22 35%

< Create folderPair ×

Summary

Name

BackupNow

Sync engine

Sync engine v2

Sync type

To right folder

Left account

SD CARD

Left folder

/storage/emulated/0/
ReceivedFiles/

Right account

SD CARD

Right folder

/mnt/media_rw/2CF1-9BCD/
A32backup/

Save

≡

□

<

Summary

Name

BackupNow

Sync engine

Sync engine v2

Sync type

To right folder

Left account

SD CARD

Left folder

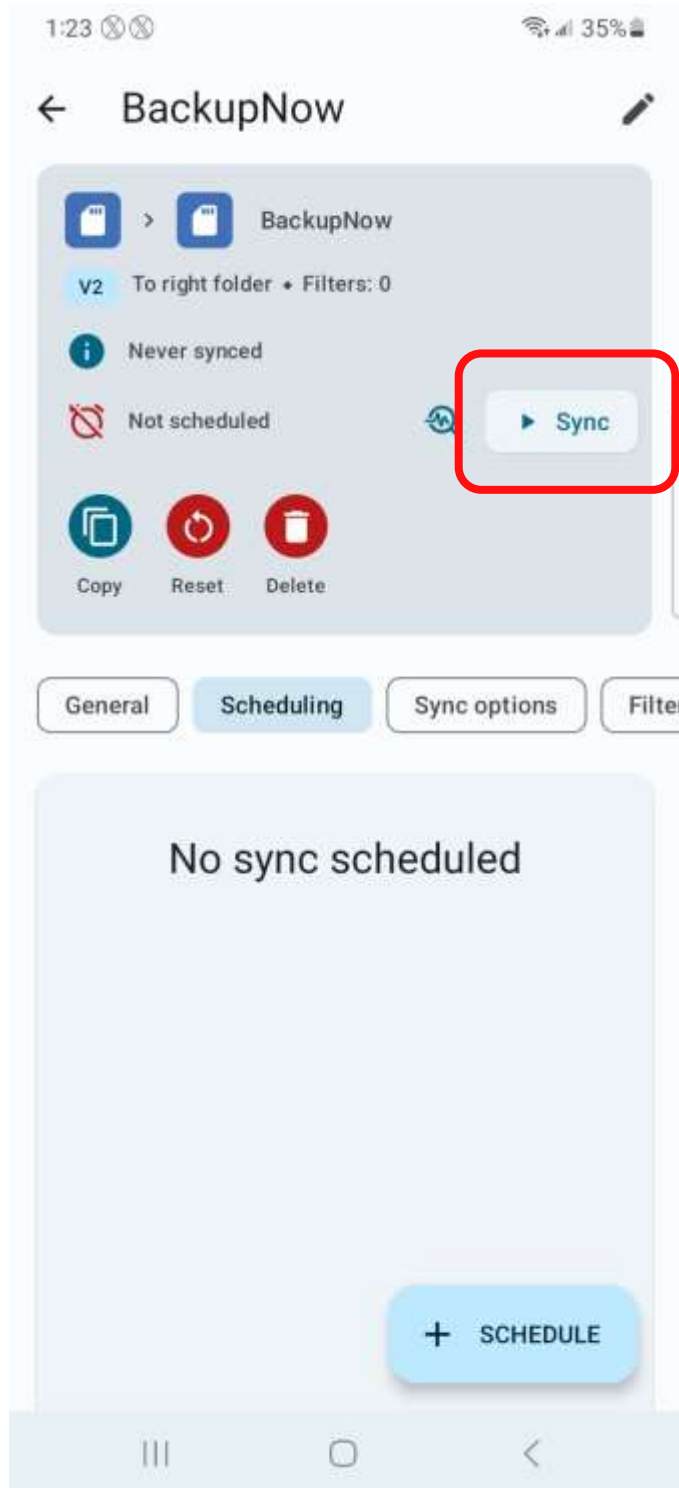
/storage/emulated/0/
ReceivedFiles/

Right account

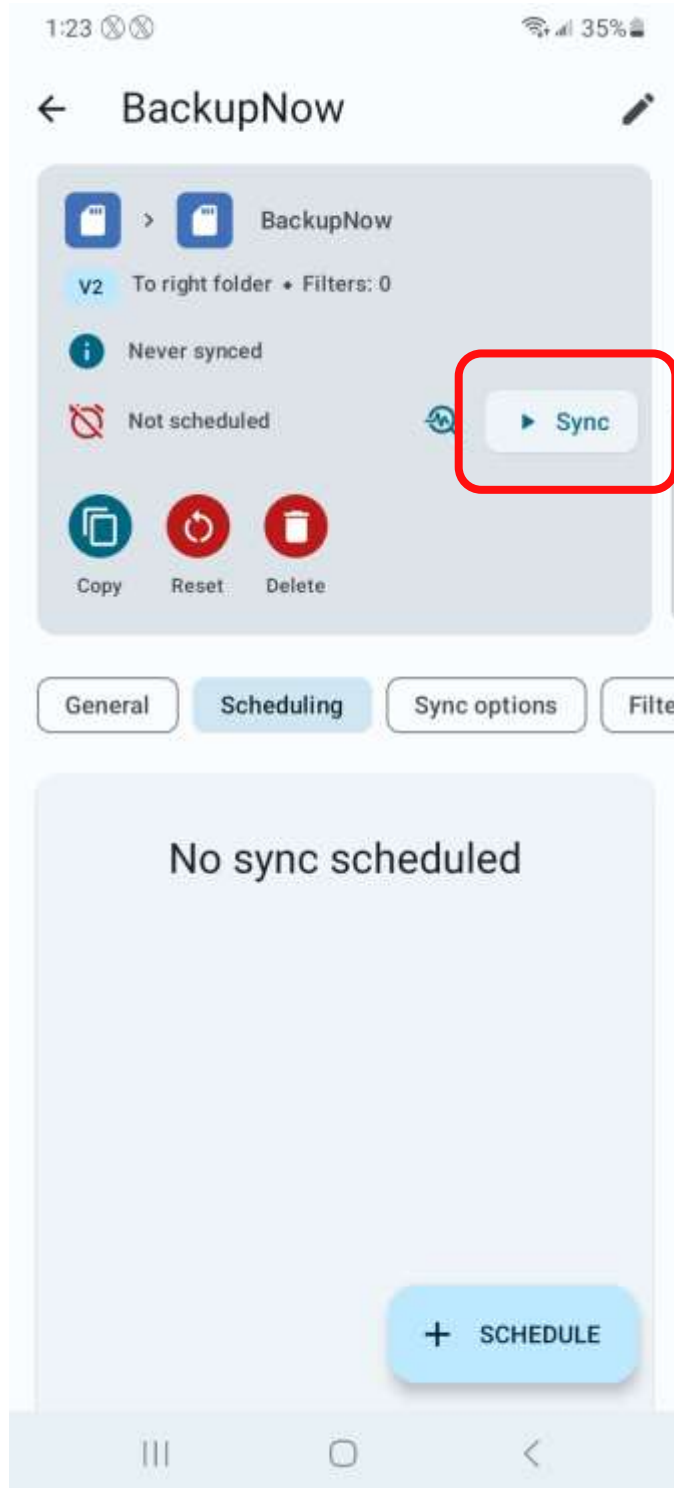
SD CARD

Right folder

/mnt/media_rw/2CF1-9BCD/
A32backup/



Manual backup



Manual backup

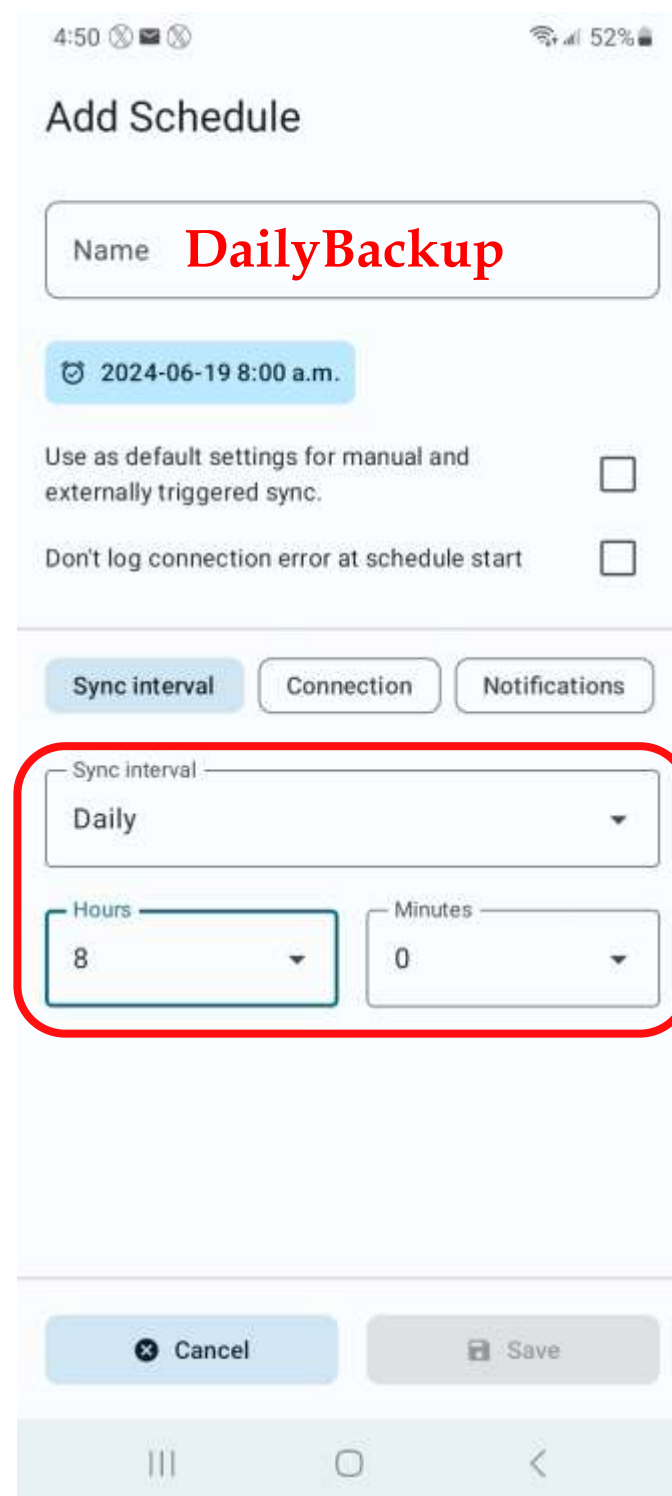
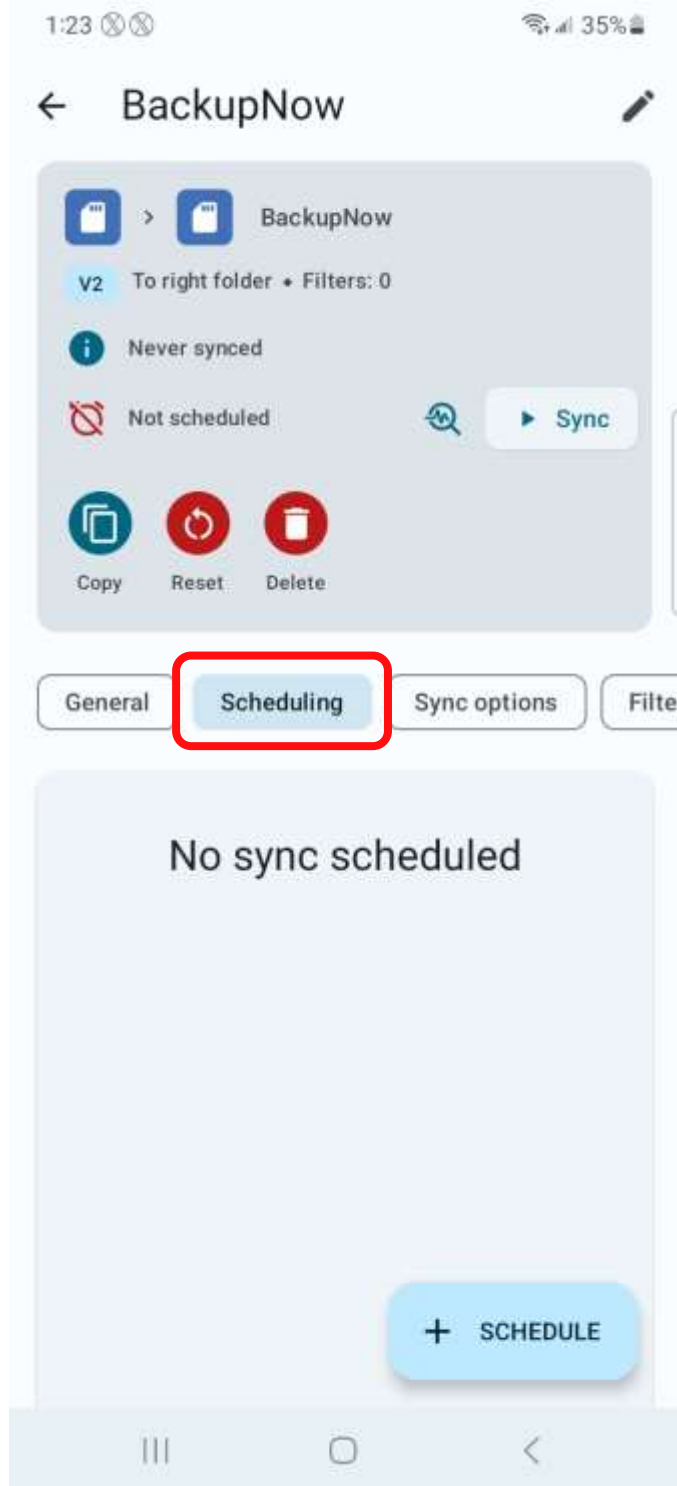
but... Sync options

Monitor device folder

Instant sync

☐

Instant sync requires scheduled sync to be enabled.



General

Scheduling

Sync options

Filter

Sync options

Sync deletions ☐Exclude from sync all ☐Do not create empty folders ☐Disable checksum calculation ☒

Overwrite old files

Always

If both local and remote file have been modified

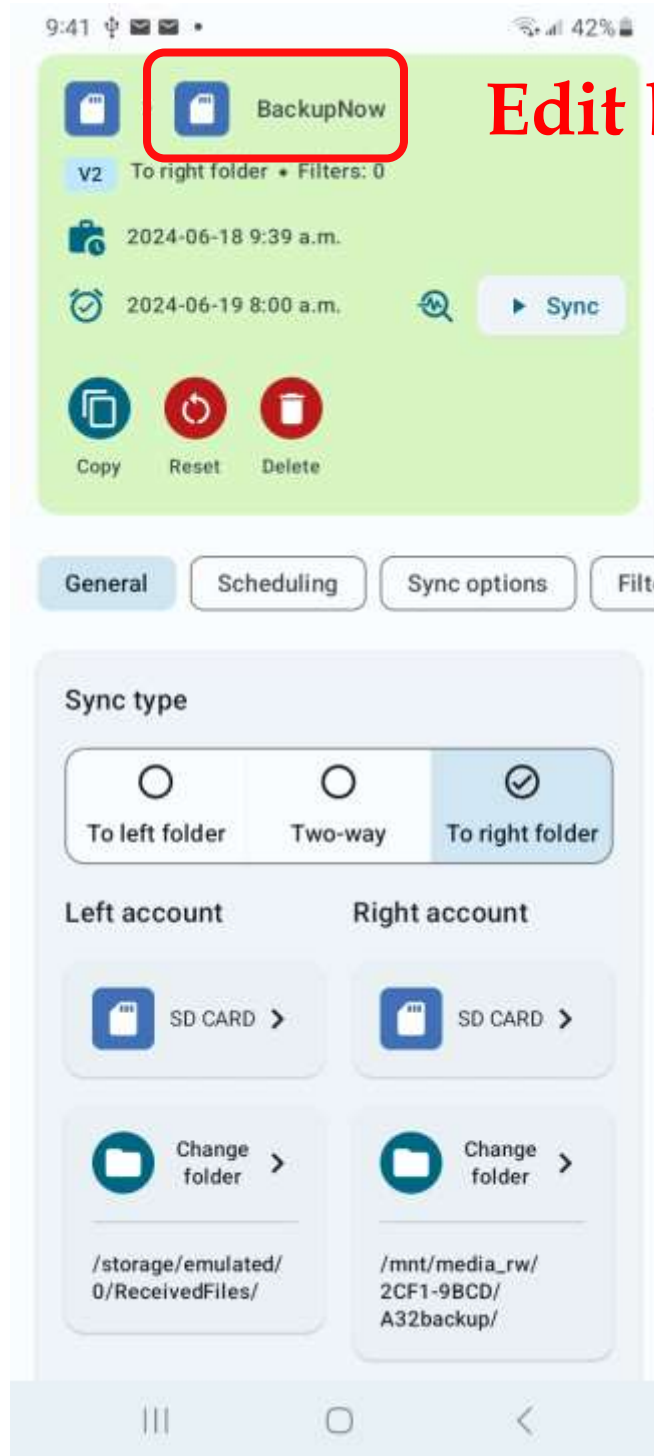
Skip file

Monitor device folder

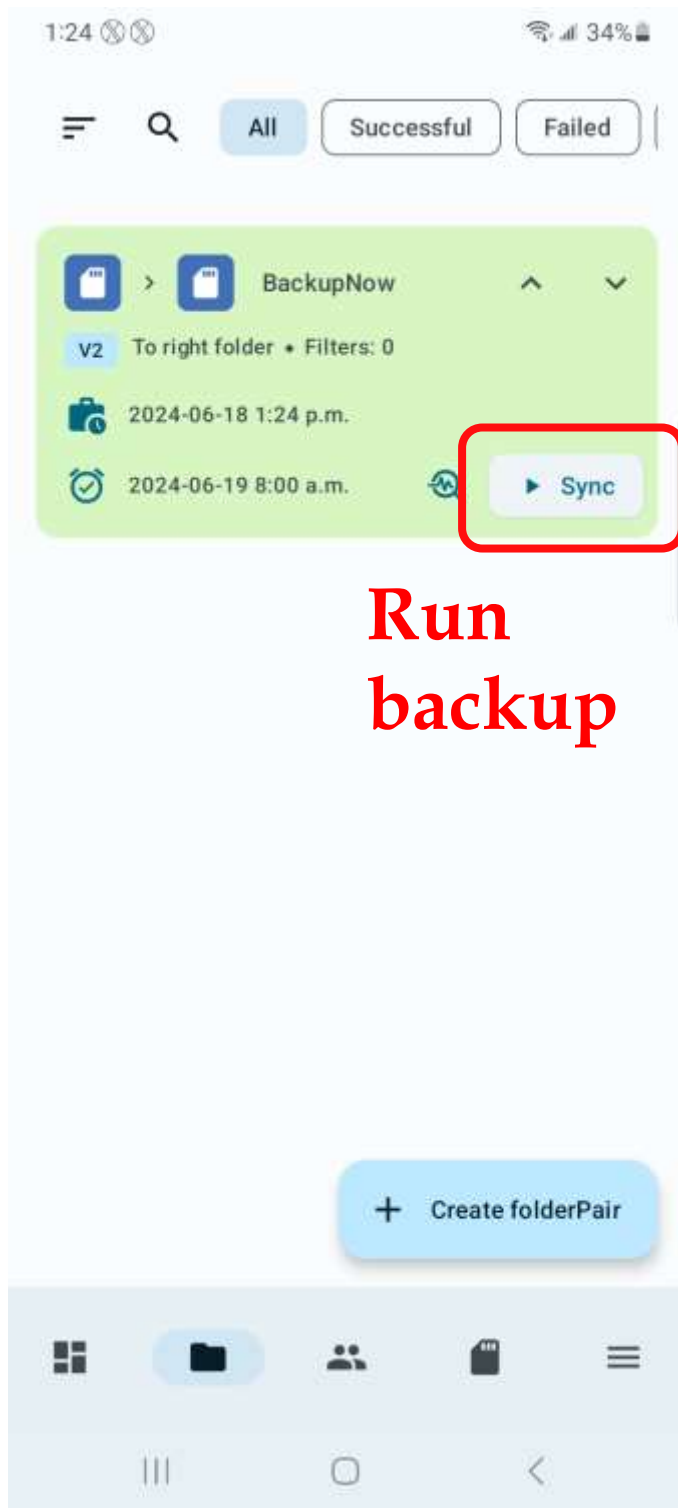
Instant sync ☒

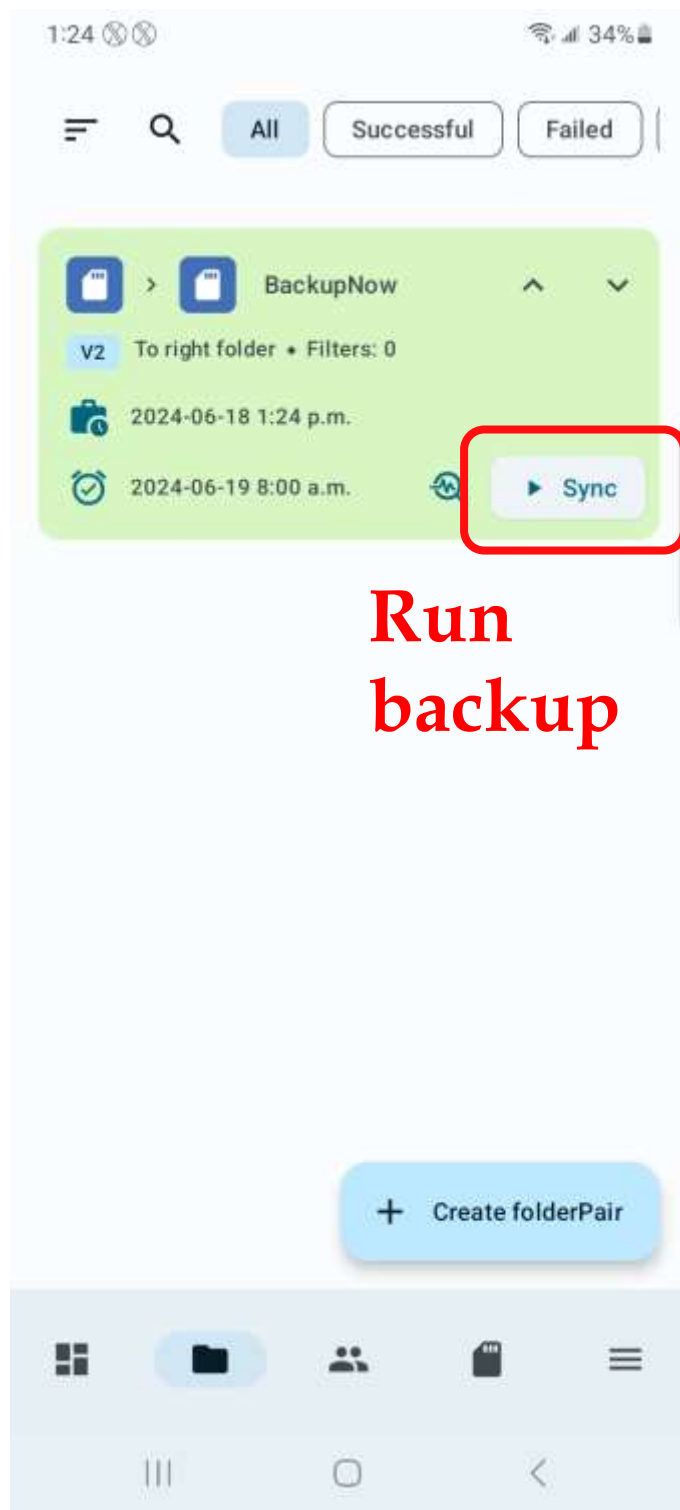
One-way sync options

Move files to target folder (source folder will become empty) ☐Only resync source files if modified (ignore target deletion) ☐Copy files to time-stamped folder ☐

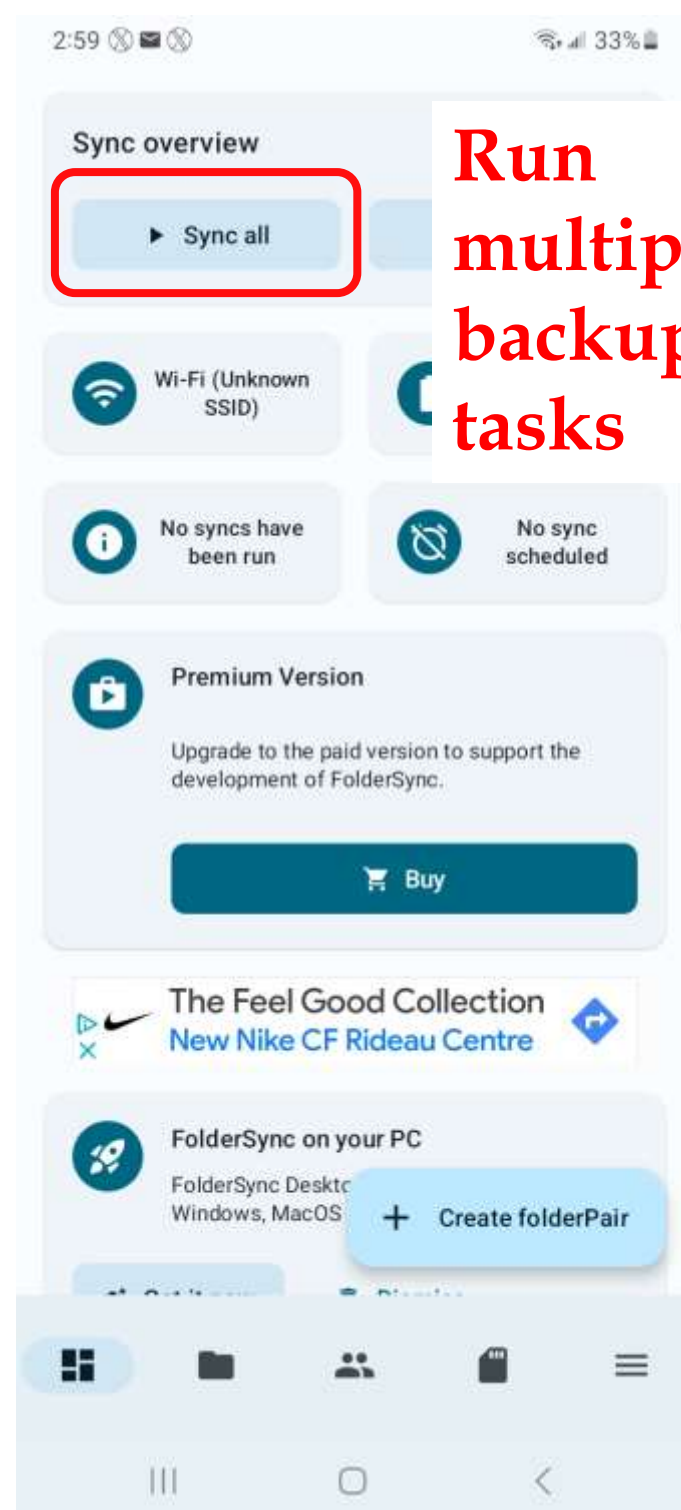


Edit backup task

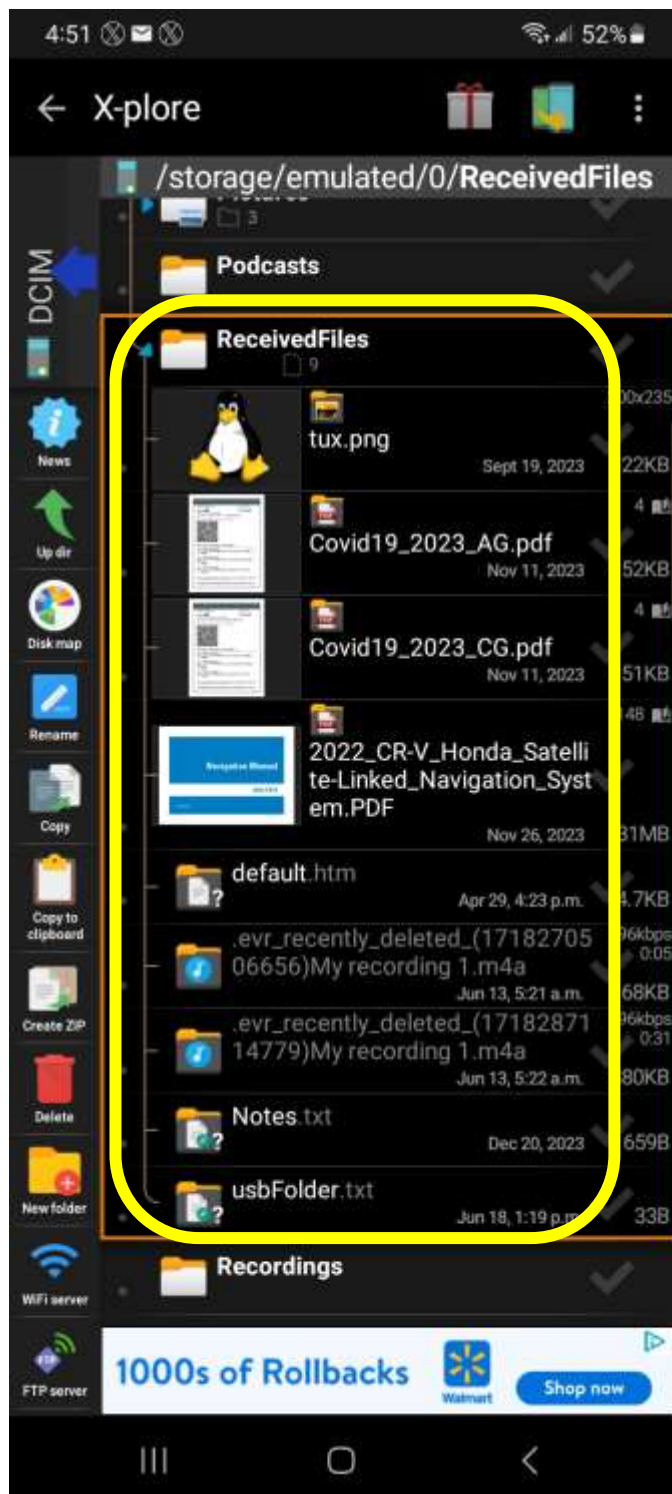


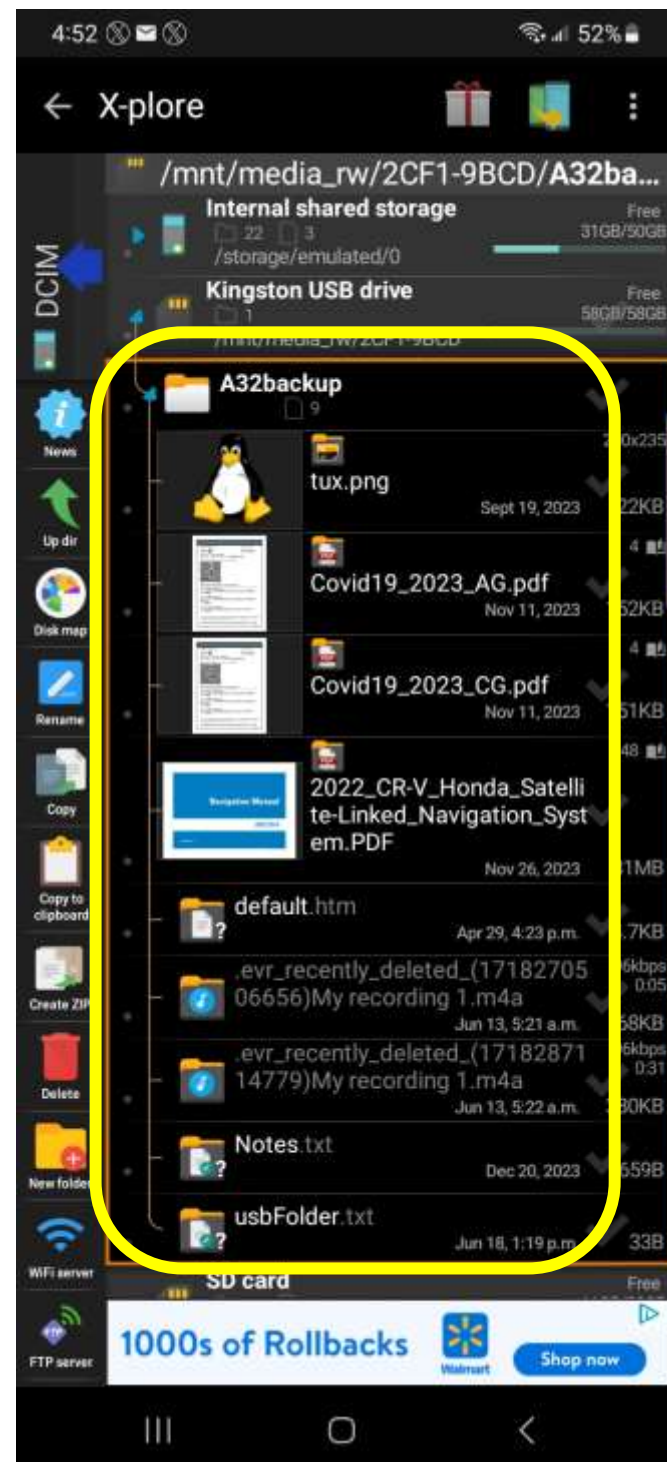
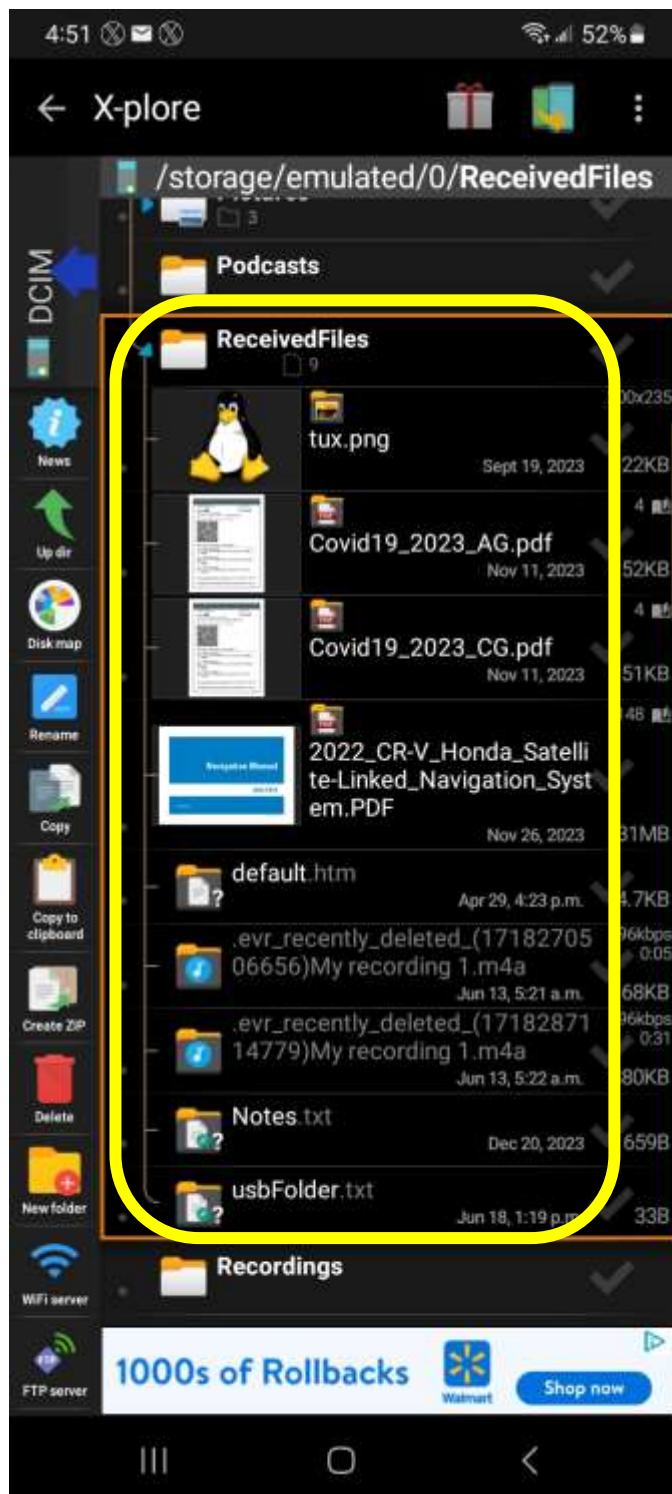


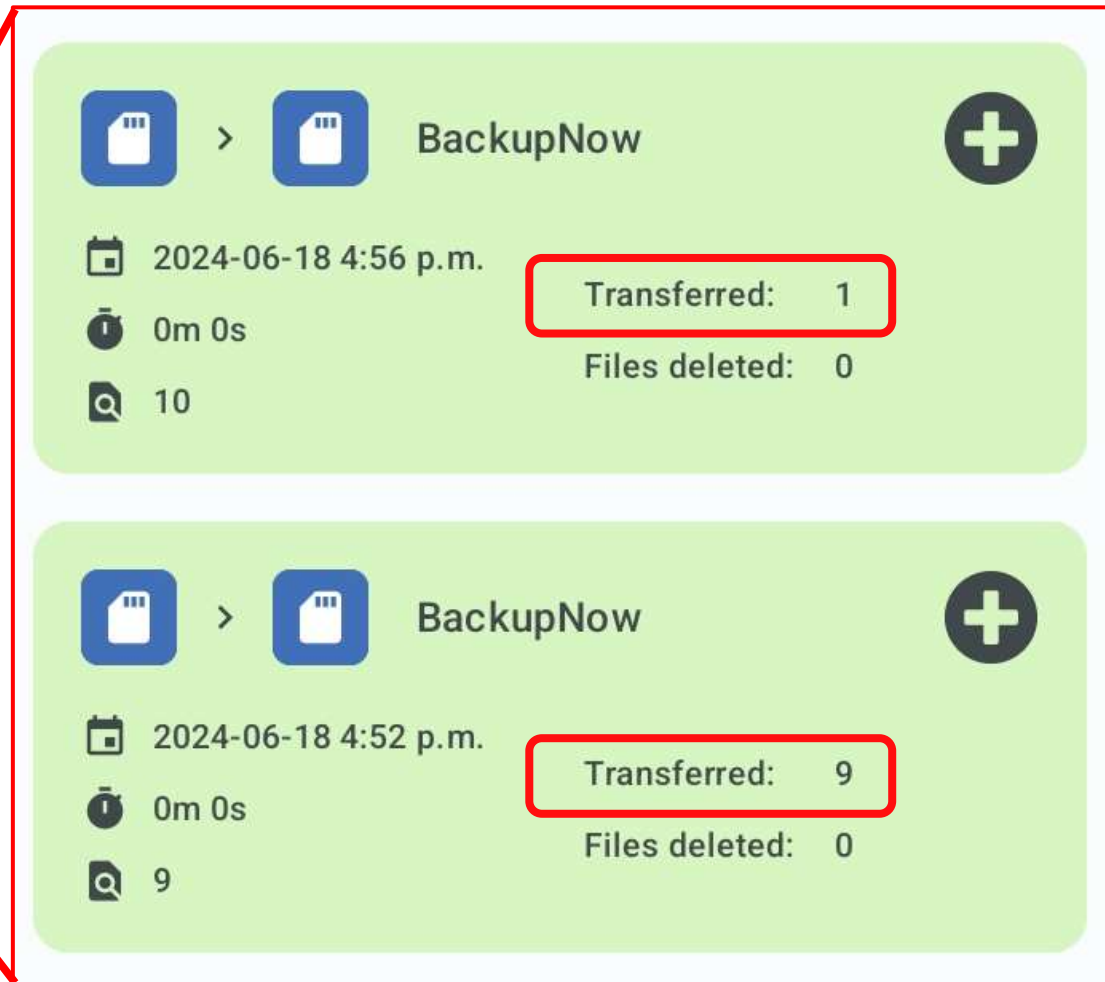
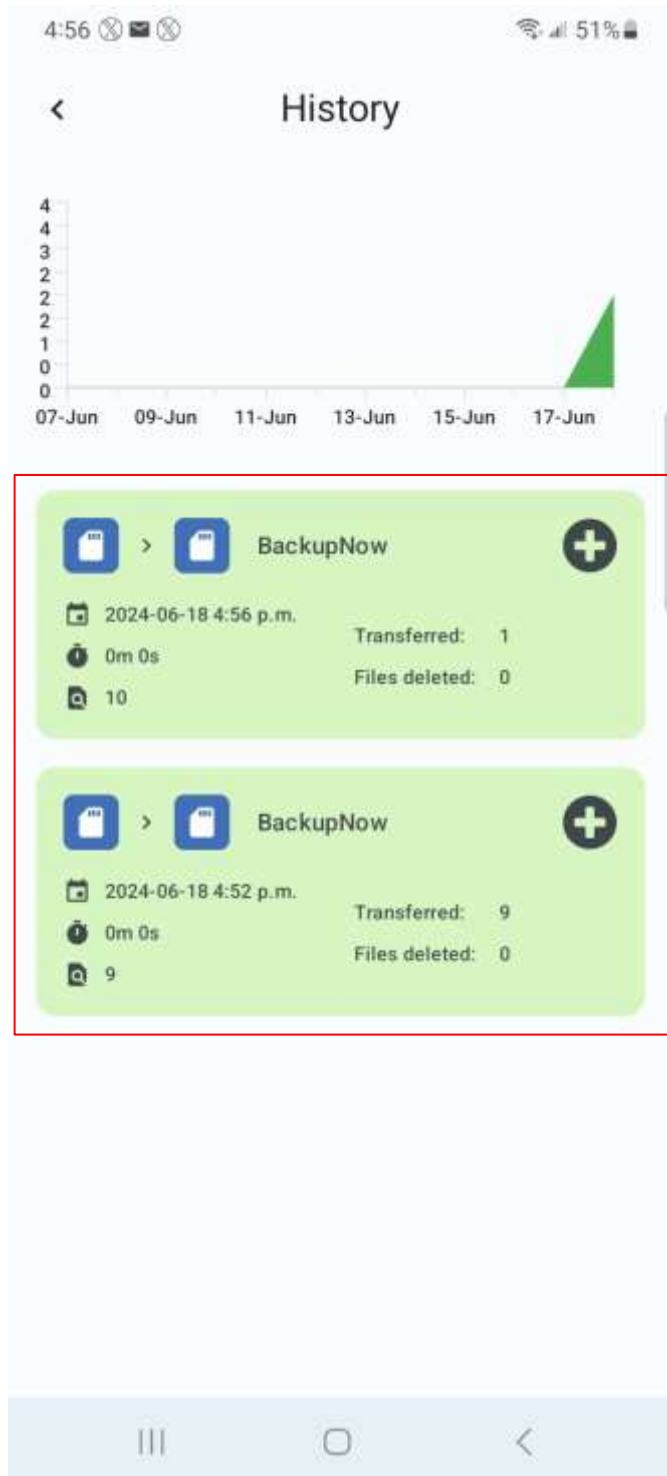
Run
backup



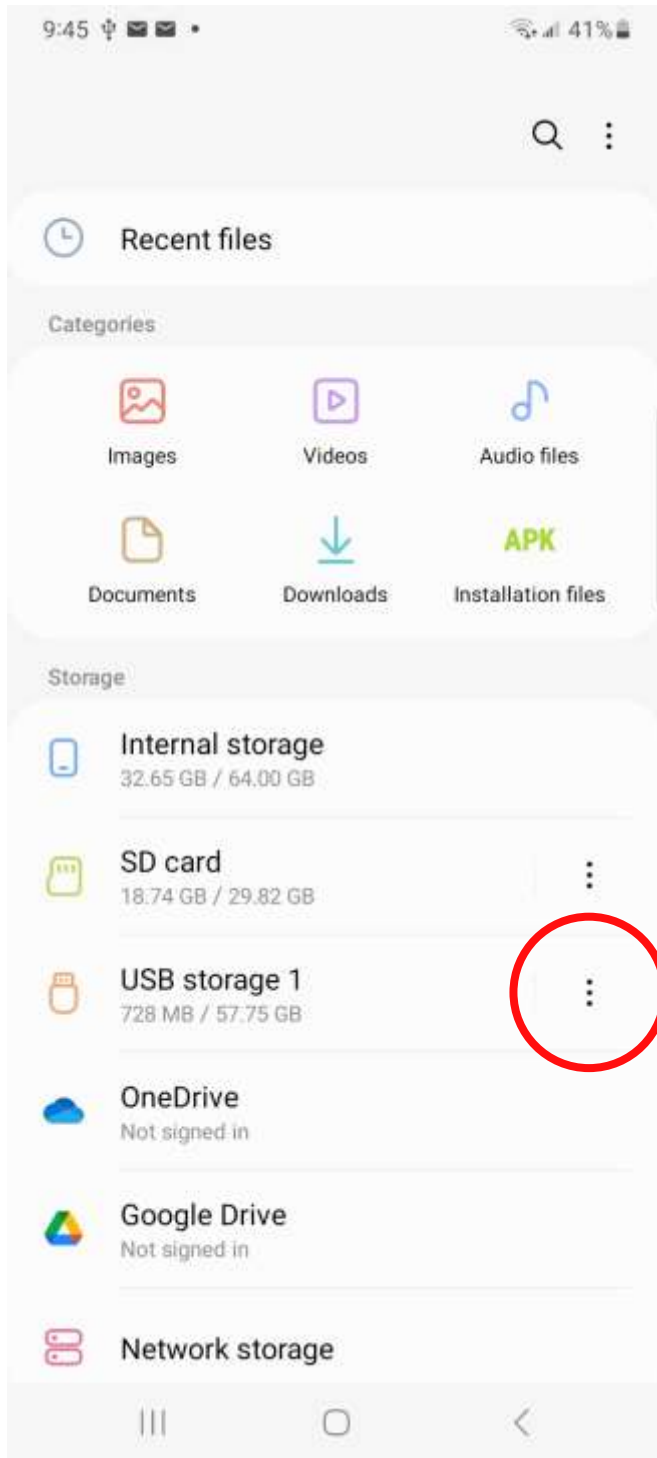
Run
multiple
backup
tasks





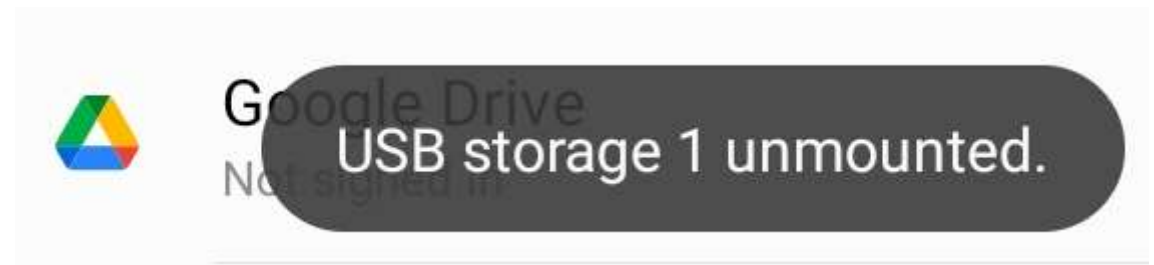
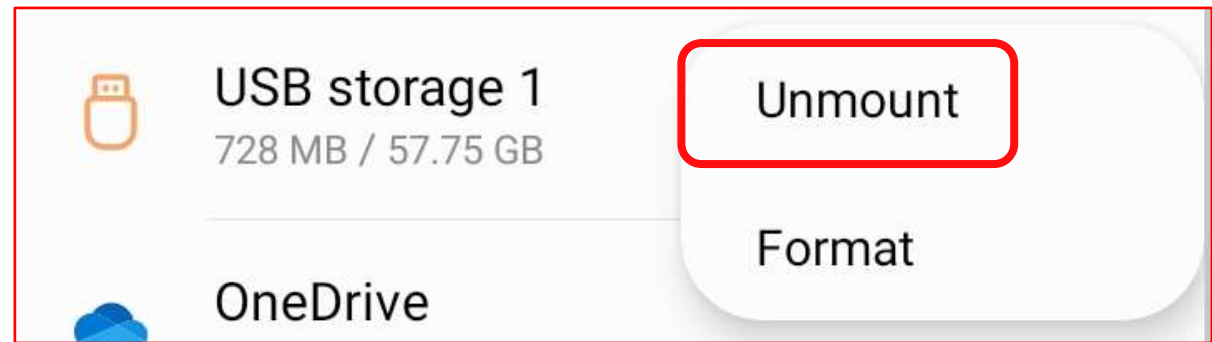
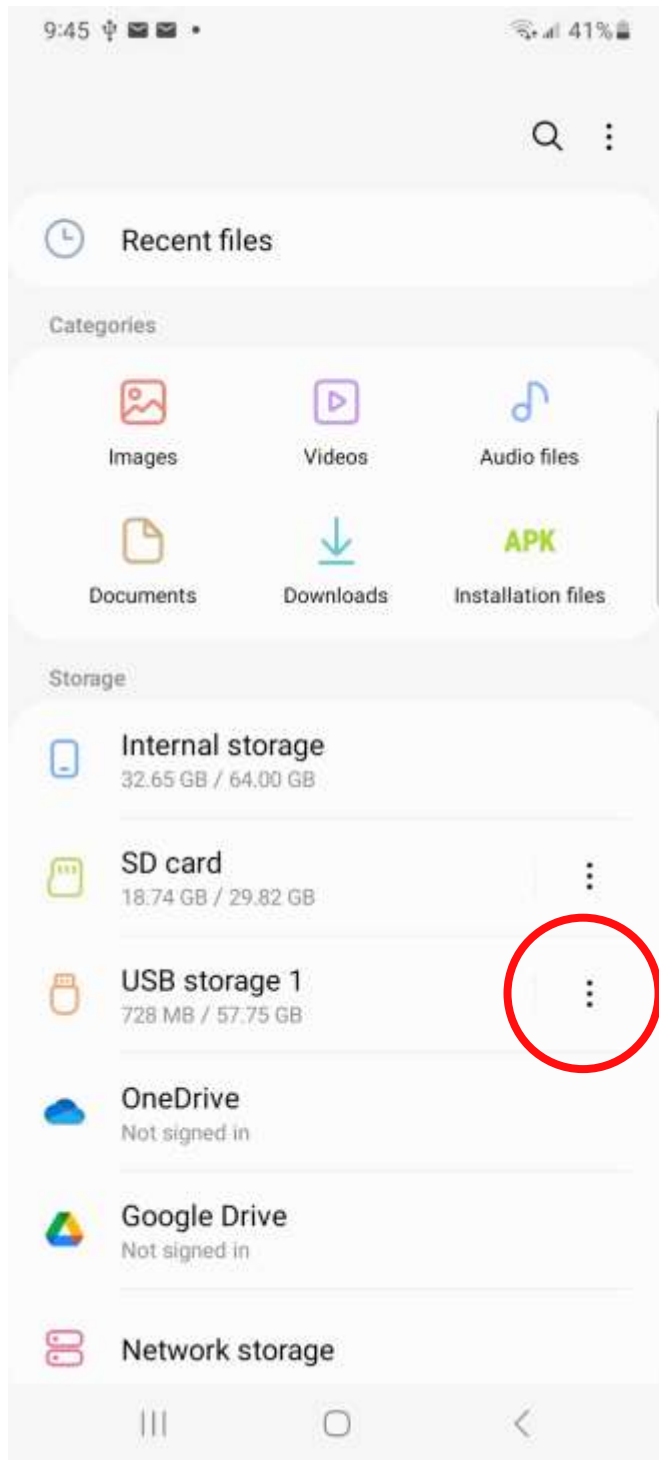


Safely Unmount the USB Drive



File Manager

**Select “more” for
USB flash drive**



[Home](#)[Features](#)[Desktop](#)[Purchase](#)[Changelog](#)[Documentation](#)[Support](#)

Easy and powerful syncing for Android and Desktop

FolderSync is the ultimate file syncing and backup solution for Android, Windows, MacOS and Linux users. With its easy-to-use interface and powerful features, you can easily keep your files and folders in sync across your devices and cloud storage services.

[Android](#)[Available now](#)[Windows / MacOS / Linux](#)[Available now](#)

Android version is available on Google Play or as downloadable APK.

<https://foldersync.io>

Possible Alternatives

From PC Innovation <info@pcinnovation.ca> 

To alan.german@opcug.ca 

Subject Sync to USB

Alan, is this app suitable?

https://play.google.com/store/apps/details?id=com.quixotely.usbsync&hl=en_CA

PC-Phone USB Sync

quixotely



5K+
Downloads

 Everyone 

\$1.39 Buy

 Share

 Add to wishlist

This app makes content folders the same on your PCs, phones, and removable drives. It's quicker than full copies, because it updates only for changes. It's faster and more secure than clouds, because it uses your drives instead of networks and servers.



Tom Trottier <tom@abacurial.com>

to opcug-member-forum@googlegroups.com

Jun 11, 2024, 10:20:11 PM



You can use

<https://play.google.com/store/apps/details?id=com.resilio.sync>

to sync to a computer or another phone. I use it to sync photos to my Pixel 1 XL for free unlimited storage.

The privacy notes are scary though...

Ciao, tOM Trottier

Resilio Sync

Resilio Inc.

4.3★

5.4K reviews

500K+

Downloads

E

Everyone ⓘ

Install



Sync lets you transfer files directly from device to device. Share photos, videos, docs without storage limits: our technology works especially well with huge files.

Back Up Your Entire Samsung Phone To A USB Flash Drive



Tech Guy Charlie ✓

141K subscribers



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

Samsung's Smart Switch App

Not recommended!

- The app copies files by type to new folders
e.g. All JPG files to PHOTO_SD
all MP4 files to VIDEO_SD
etc.
- Normal backup software copies the files but maintains the original folder structure
- This app creates backup copies of all the files but destroys the end-user's original file-folder organization



Viabile Backup Solution?

Does anyone have a backup system for an Android smartphone or tablet that actually works?



Does anyone have software that will backup and/or sync to a USB drive?



SuggestionBox@opcug.ca



Saved Outlook messages

- How do I download the free version of Outlook?
- I have Windows 11 and Office Home & Student 2021 but it doesn't include Outlook
- I have some old Outlook emails that I had saved but can't open
- This is the message when I try to open the file:

Sorry, the file "*****etter Jun 2021.msg" couldn't be opened.
This file type requires a Microsoft 365 subscription to open. [Get Microsoft 365](#)



Free versions of Microsoft Outlook

- Outlook.com – a web version of Outlook that can be accessed through a browser. This provides basic email, calendar, and contact management functionality.
- Outlook mobile app - available for iOS and Android devices that provide email and calendar features.
- New Outlook for Windows - Microsoft is rolling out a new free version of Outlook for Windows 10 and 11. This version is based on the web app but runs as a desktop application. It's currently in development and doesn't yet have all the features of the full Outlook client.



Free email viewers

- **Email Detail Viewer**

- supports MSG, EML, EMLX, MIM, VCF, & Winmail.dat files
- view HTML or TXT versions of email
- view full headers and bodies
- view or save attachments
 - <https://emailindetail.com/products/email-detail-viewer>



- **Encryptomatic free online .MSG and .ELM Viewer**

- supports .EML, .MSG, & winmail.dat files
- uploads file to website
 - <https://www.encryptomatic.com/viewer/>



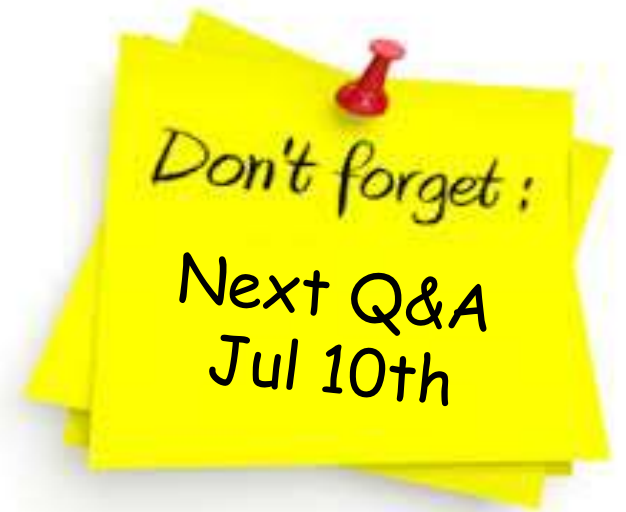
- **GoldFynch PST Viewer**

- supports PST and OST files
- browser-based, also available as a Chrome extension
 - <https://goldfynch.com/goldfynch-pst-viewer>
 - <https://chromewebstore.google.com/detail/goldfynch-free-pst-viewer/nlhaepbakkedjfnddhmacjfgcpndoejn>





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