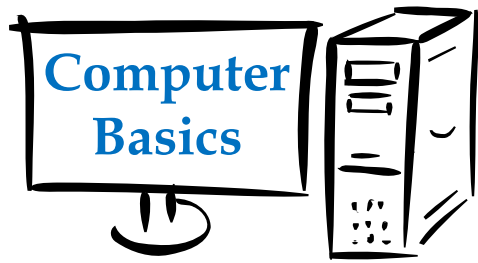




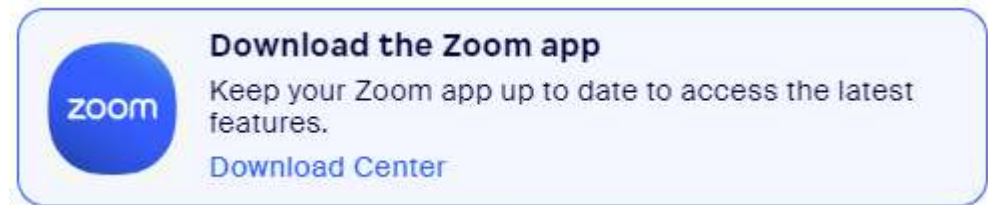
Alan German & Chris Taylor
Ottawa PC Users' Group

May 22, 2024



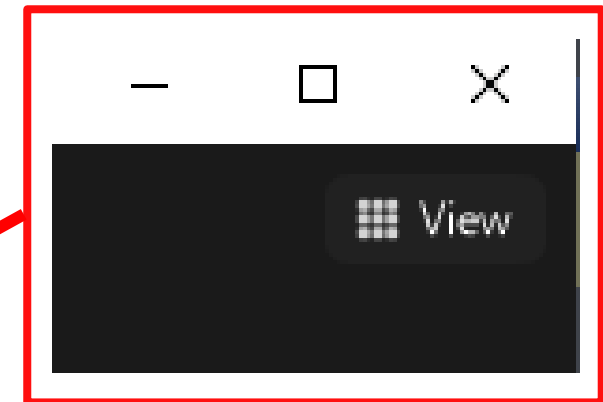
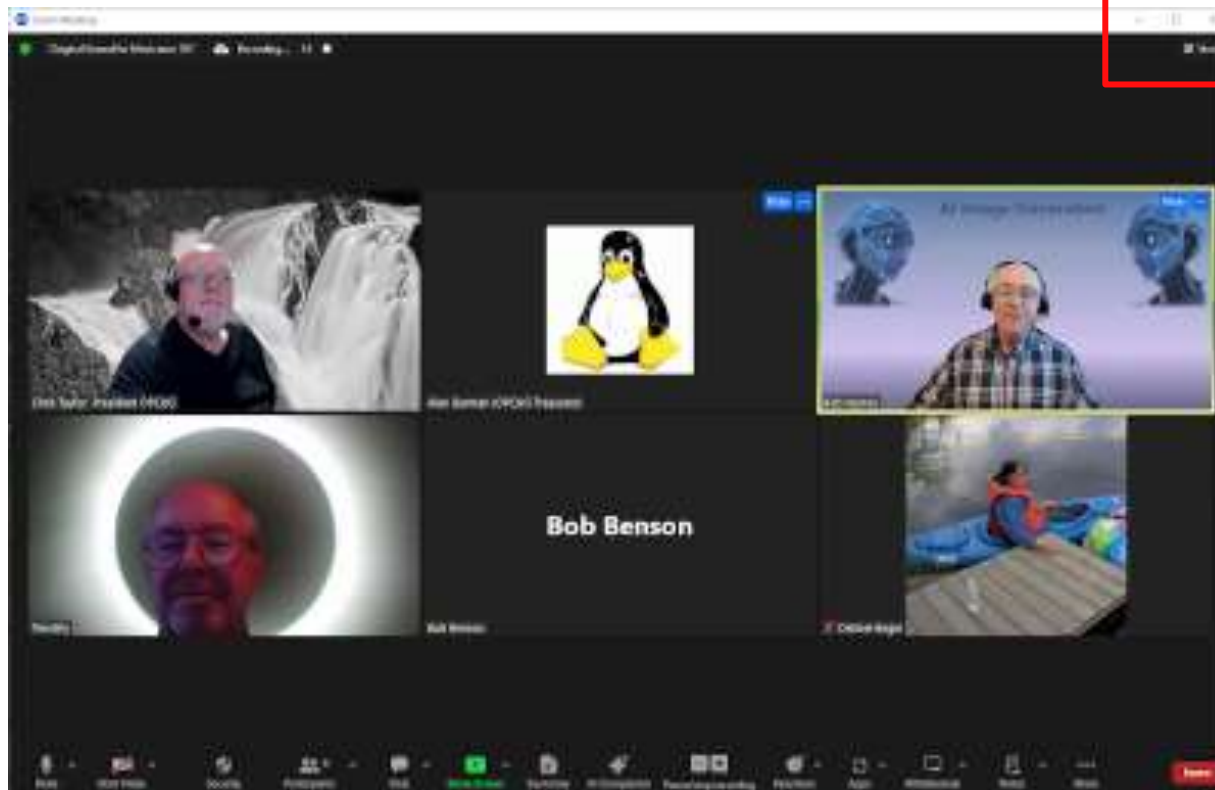
Using the Zoom Client

- The Zoom client (app) can be installed on your PC to customize the user experience
- For example, there are multiple screen views available
 - Standard
 - Side by side
 - Speaker
 - Immersive
- The chosen view applies to just your display, so select the view that you prefer



<https://zoom.us> (*Resources tab*)

Zoom - Views





 View

Speaker



✓ Gallery



Immersive



Follow Host's Video Order

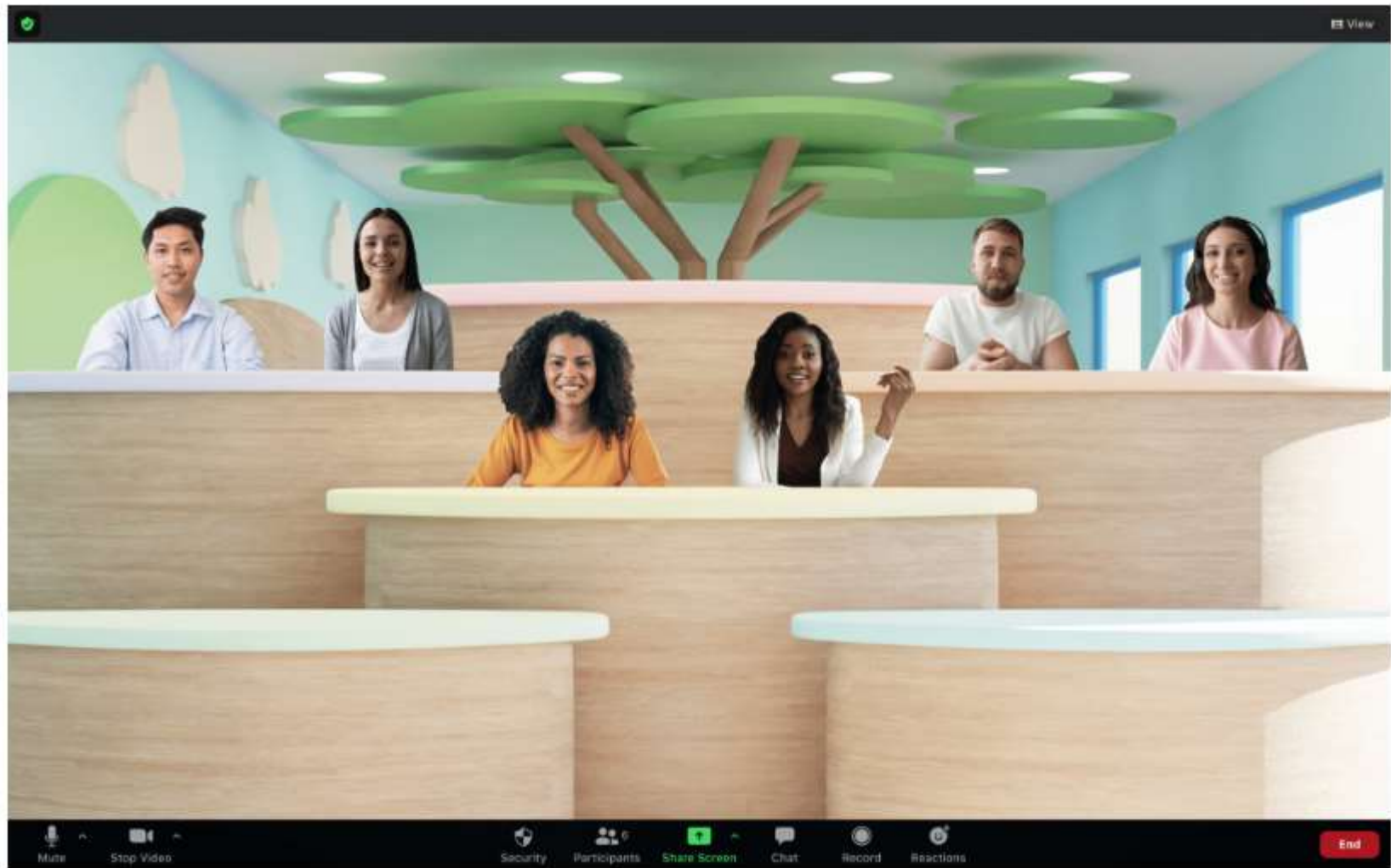
Hide Self View

Hide Non-video Participants

Show Meeting Timers

Fullscreen

Immersive View - Example



Gallery View – Side by Side

Zoom Meeting

You are viewing Chris Taylor, President OPCUG's screen

View Options

Recording...

PowerPoint Slide Show - Q&A-Premeeeting.pptx - PowerPoint

OPCUG

Q&A 2024-05-01

Ultra helping ultra
for over 40 years

Q&A

Welcome

members and guests

Q&A will commence at 7:30

Our 181st Q&A over Zoom

- previous 180 totalled
 - 6,441 participants
 - 1,283 topics

Slide 3 of 114

Mute Stop Video Security Participants Chat Share Screen Summary AI Companion Pause/stop recording Show Captions Polls/Quizzes Reactions Apps Whiteboards Notes More

Chris Taylor, President O...

Alan German (OPCUG Tr...

bee sit

Lynne Buske

Wayne

Bob Herres

Stew Bruce

Timothy

Timothy

Leave

 View

Standard



Side-by-side: Speaker



✓ Side-by-side: Gallery



Sort Gallery By



Hide Self View

Hide Non-video Participants

Show Meeting Timers

Fullscreen

Gallery View – Standard

The screenshot shows a Zoom meeting window in Gallery View. At the top, a status bar indicates "You are viewing Chris Taylor, President OPCUG's screen" and a "View Options" button. Below this is a gallery of participant video feeds. The main area displays a PowerPoint slide titled "OPCUG Zoom conference" with the following bullet points:

- Members muted
- Questions taken after presentation
 - also relayed from Chat
- Mouse bottom Zoom window for controls

Below the slide is a cartoon strip with three panels. The first panel shows a man at a laptop saying, "LET ME SHARE MY SCREEN AND I'LL ... LH-OH". The second panel shows him saying, "OOPS. NOT THAT SCREEN. DON'T JUDGE ME! HOW DO I MAKE IT GO AWAY?!! GAAAA!!! I CAN'T TAKE THE EMBARRASSMENT! I QUIT!". The third panel shows him saying, "HOW WAS YOUR ZOOM CALL?" and another person replying, "BEST ONE EVER.".

The Zoom interface includes a toolbar at the bottom with buttons for Mute, Start Video, Security, Participants, Chat, Share Screen, Summary, AI Companion, Pause/stop recording, Show Captions, Polls/Quizzes, Reactions, Apps, Whiteboards, Notes, and More. A red circle highlights the "Start Video" button in the toolbar. The bottom right corner features a "Leave" button.

Gallery View - Speaker

The image shows a Zoom meeting interface in Gallery View. The main screen displays a presentation slide titled "AI Image Generation" with a futuristic robotic hand holding a glowing orb. The word "Yes" is visible in the bottom left corner of the slide. The top of the Zoom window shows a status bar with "Original Sound for Micsans Off", "Recording...", and a message "A closed captioning transcript is being generated." with "OK" and "Leave meeting" buttons. The bottom toolbar includes icons for "Unmute", "Start Video", "Security", "Participants" (29), "Chat", "Share Screen", "Summary", "AI Companion", "Pause/stop recording", "Show Captions", "Polls/Quizzes", "Breakout Rooms", "Reactions", "Apps", "Whiteboards", "Notes", and a "Leave" button. A smaller video window on the right shows a participant named "Bob Harris" wearing a headset, with a thumbnail of the presentation slide in the background.

Hover the mouse over the “border” and drag to the left to expand the thumbnail area

The screenshot shows a Zoom meeting window. At the top, a status bar indicates "You are viewing Chris Taylor, President OPCUG's screen" and a "View Options" button. Below this, a PowerPoint slide titled "Q&A 2024-05-01" is displayed. The slide features the OPCUG logo (a blue hourglass shape with the text "OPCUG" above it and "Others helping others" below it) on the left. The main text on the slide is "Welcome" in large, red, cursive font, with "members and guests" in yellow text below it. A blue box at the bottom left states "Q&A will commence at 7:30". On the right side of the slide, there is a blue box titled "Our 181st Q&A over Zoom" containing a bulleted list: "previous 180 totalled", "6,441 participants", and "1,283 topics". A yellow double-headed arrow points from the slide area to the participant list on the right. The participant list is a vertical stack of small video thumbnails. The first thumbnail shows Chris Taylor, President OPCUG. Below it are thumbnails for Alan German (OPCUG Tr...), bee sit e, Lynda Boste, Wayne, Bob Herres, and Stew Bruce. At the bottom of the list is a grey box for Timothy. The Zoom interface at the bottom includes a toolbar with icons for Mute, Stop Video, Security, Participants (18), Chat, Share Screen, Summary, AI Companion, Pause/stop recording, Show Captions, Polls/Quizzes, Reactions, Apps, Whiteboards, Notes, and a red Leave button.

PowerPoint Slide Show - Q&A-Premeeeting.pptx - PowerPoint

OPCUG
Q&A 2024-05-01

Others helping others
for over 40 years

Welcome

members and guests

Q&A will commence at 7:30

Our 181st Q&A over Zoom

- previous 180 totalled
- 6,441 participants
- 1,283 topics

Slide 3 of 114

Mute Stop Video Security Participants Chat Share Screen Summary AI Companion Pause/stop recording Show Captions Polls/Quizzes Reactions Apps Whiteboards Notes More Leave

Chris Taylor, President O...

Alan German (OPCUG Tr...

bee sit e

Lynda Boste

Wayne

Bob Herres

Stew Bruce

Timothy

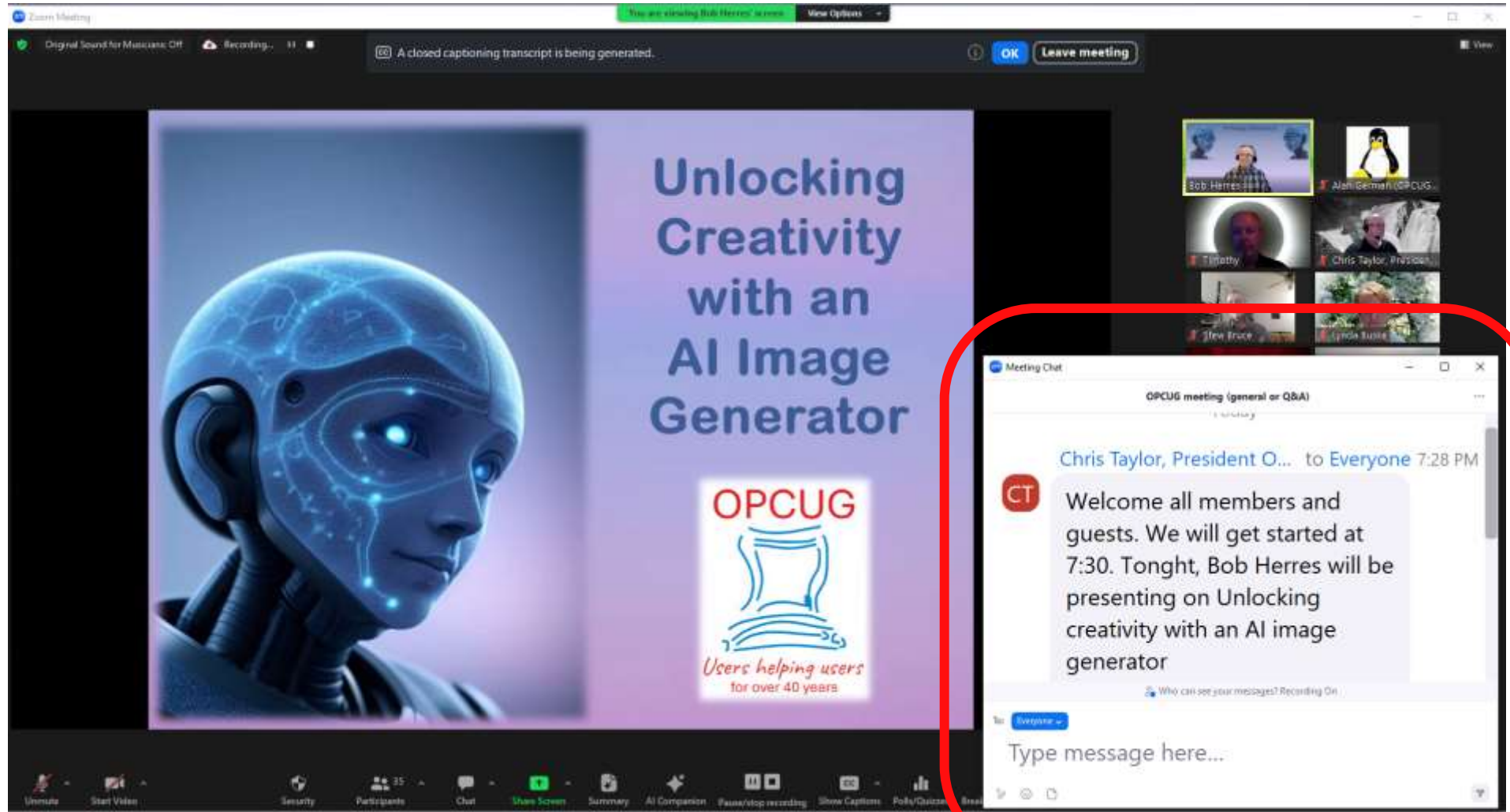
Timothy

My Preferred View

The screenshot displays a Zoom meeting interface. The main window shows a presentation slide titled "Unlocking Creativity with an AI Image Generator". The slide features a blue robot head on the left and the OPCUG logo on the right, which includes the text "Users helping users for over 40 years". The Zoom toolbar at the bottom includes icons for Mute, Start Video, Security, Participants (35), Chat, Share Screen, Summary, AI Companion, Pause/stop recording, Show Captions, Polls/Quizzes, and Breakout Rooms. A status bar at the top indicates "Original Sound for Mac OS is Off", "Recording...", and "A closed captioning transcript is being generated." with "OK" and "Leave meeting" buttons.

On the right side, a grid of participant video thumbnails is visible, including Bob Herres, Alan Cernah, Timothy, Chris Taylor, Fredrick, Steve Bruce, and Lydia Smith. Below this, a "Meeting Chat" window is open for the "OPCUG meeting (general or Q&A)". The chat shows a message from Chris Taylor, President O... to Everyone at 7:28 PM: "Welcome all members and guests. We will get started at 7:30. Tonight, Bob Herres will be presenting on Unlocking creativity with an AI image generator". The chat input field at the bottom says "Type message here...".

Next Time – The Chat Window

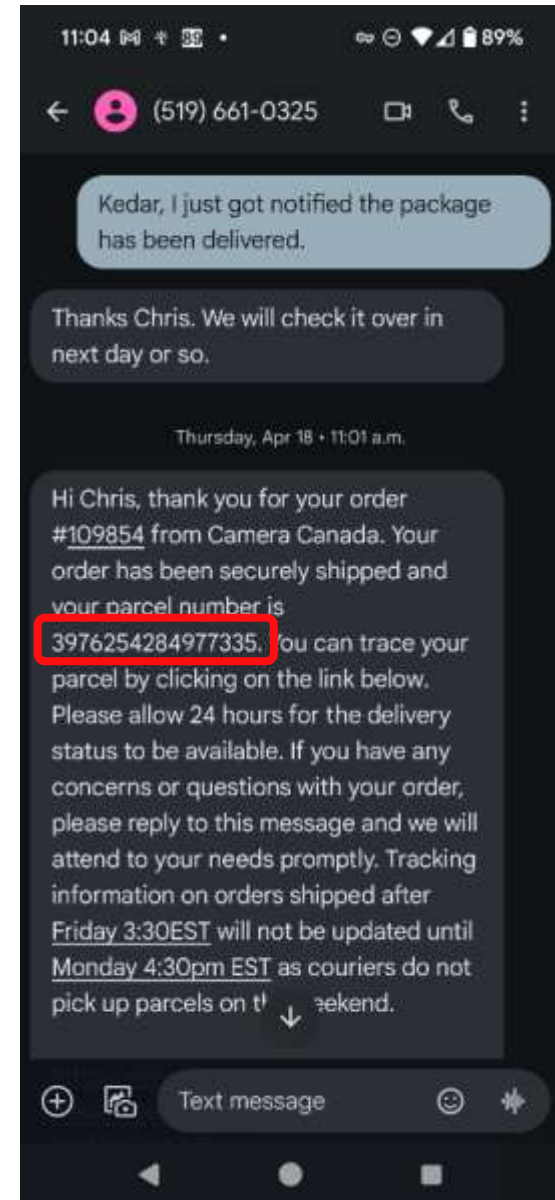




Smartphone Basics

Android – copying text

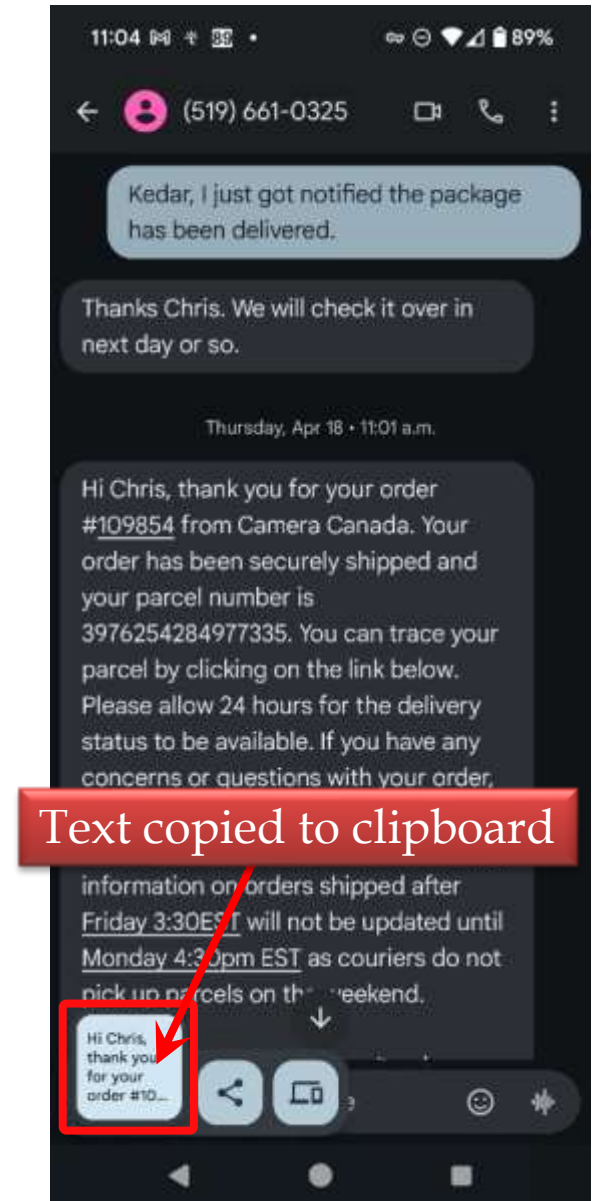
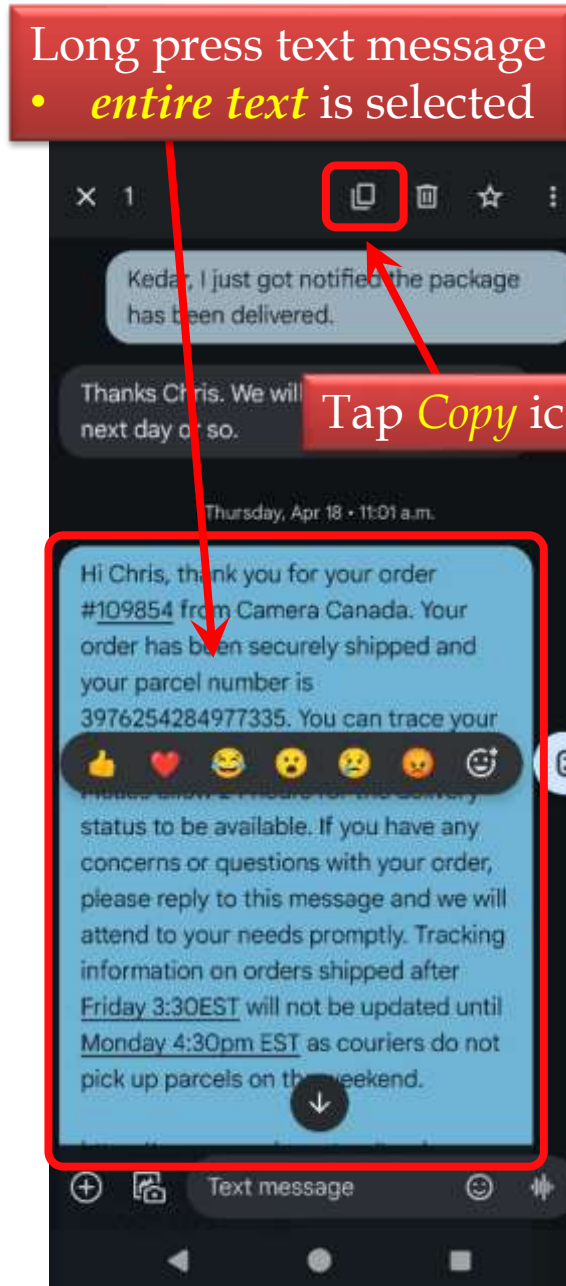
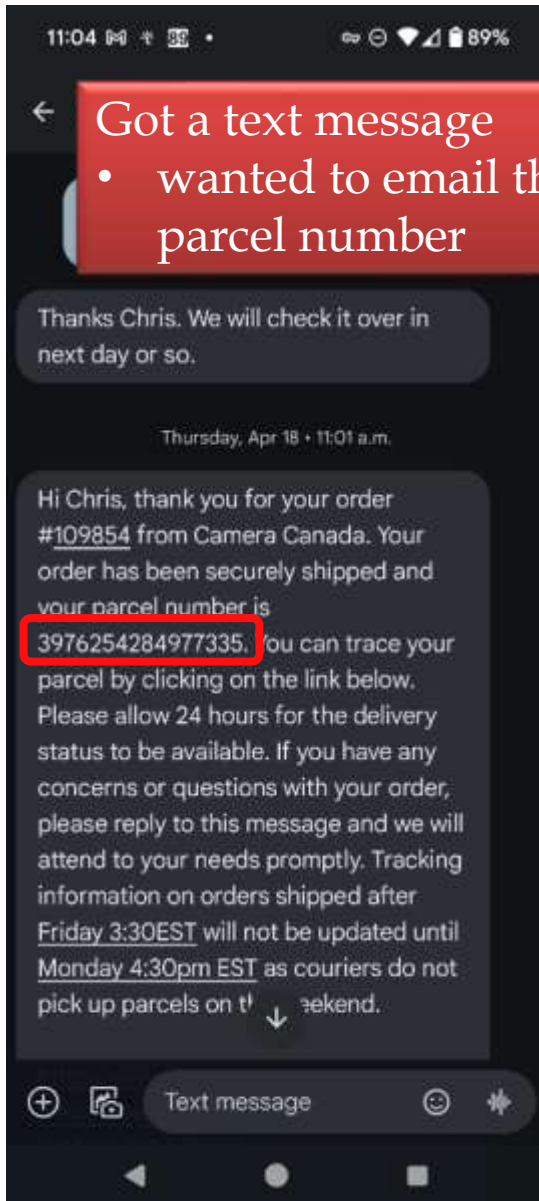
- Received a text message
 - contained a *parcel number*
- Wanted to send parcel number in an email
- A couple of ways to do this on Android
 - one way gave me more than I wanted
 - second way allowed me to send *just* what I wanted





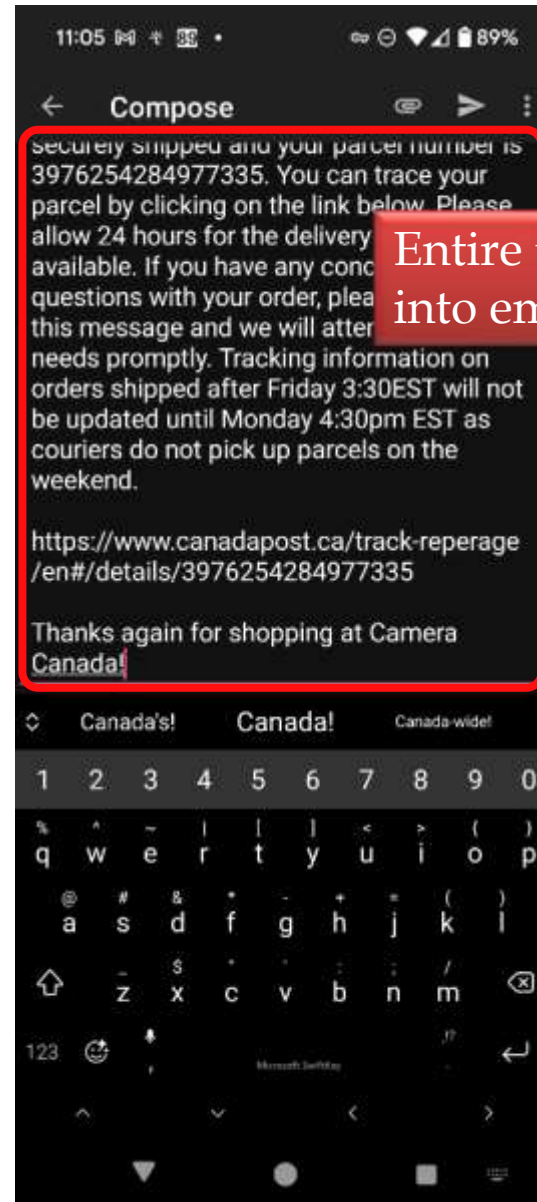
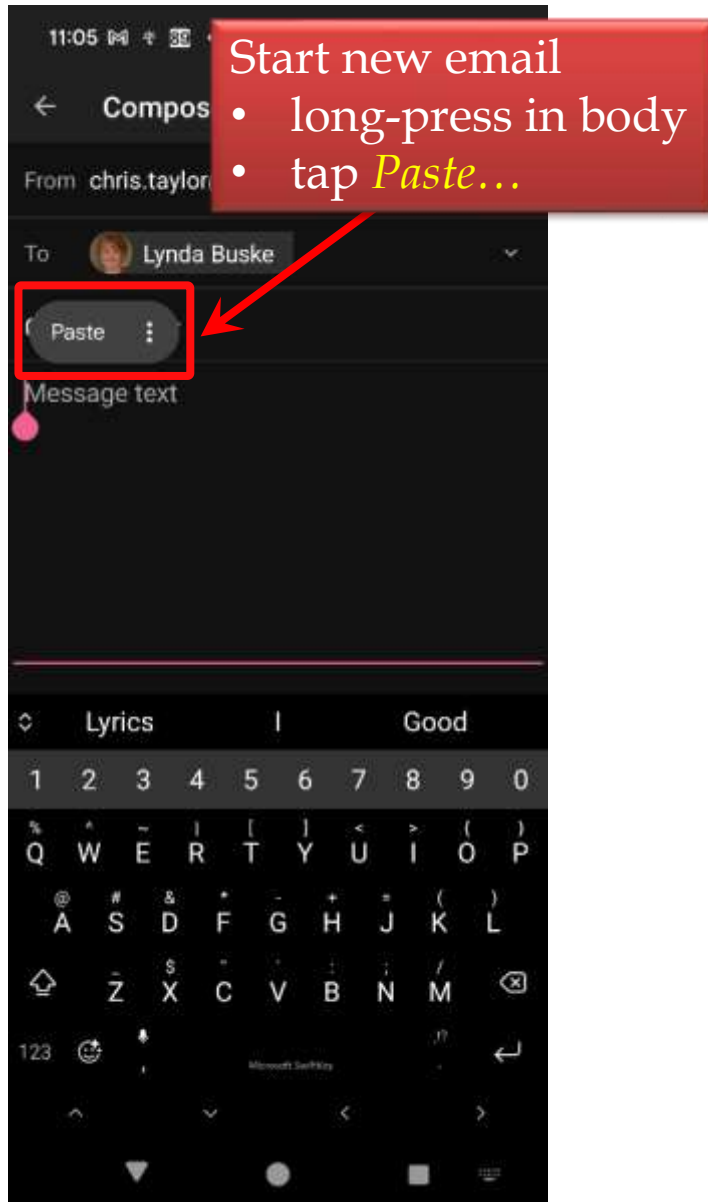
Smartphone Basics

Getting more than I want





Smartphone Basics

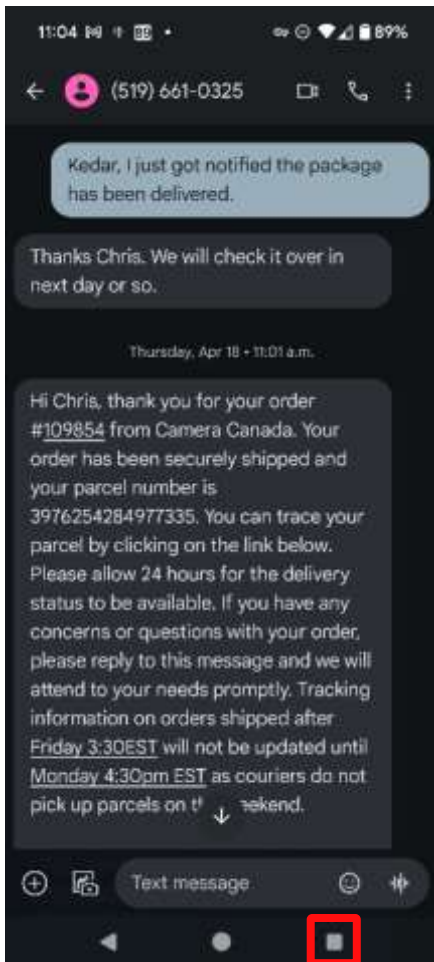


But I only wanted the parcel number

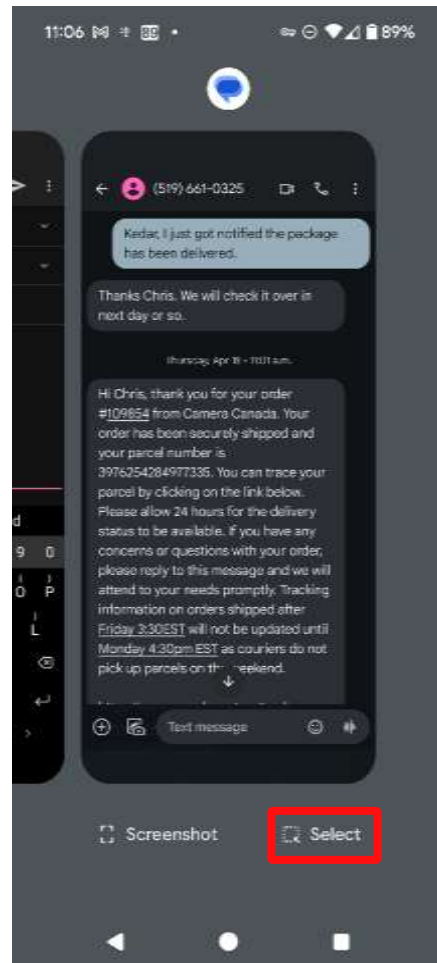


Smartphone Basics

Getting just what I want



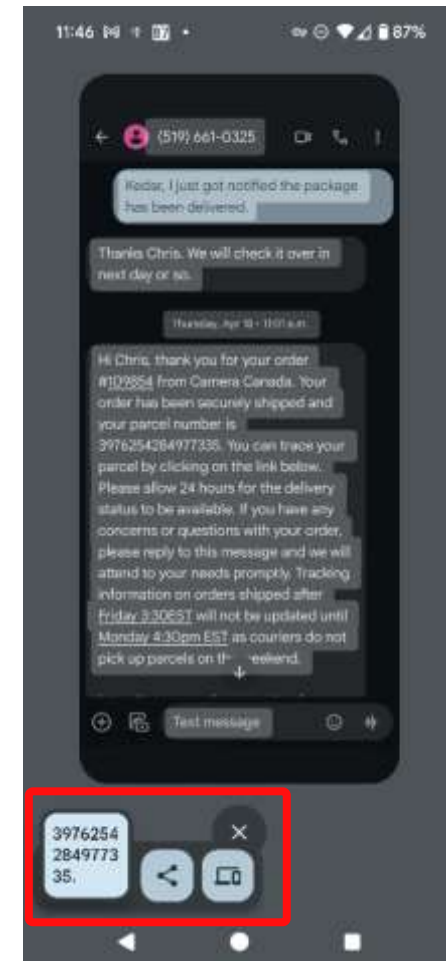
Tap *App overview*



Tap *Select*

Drag *handles*

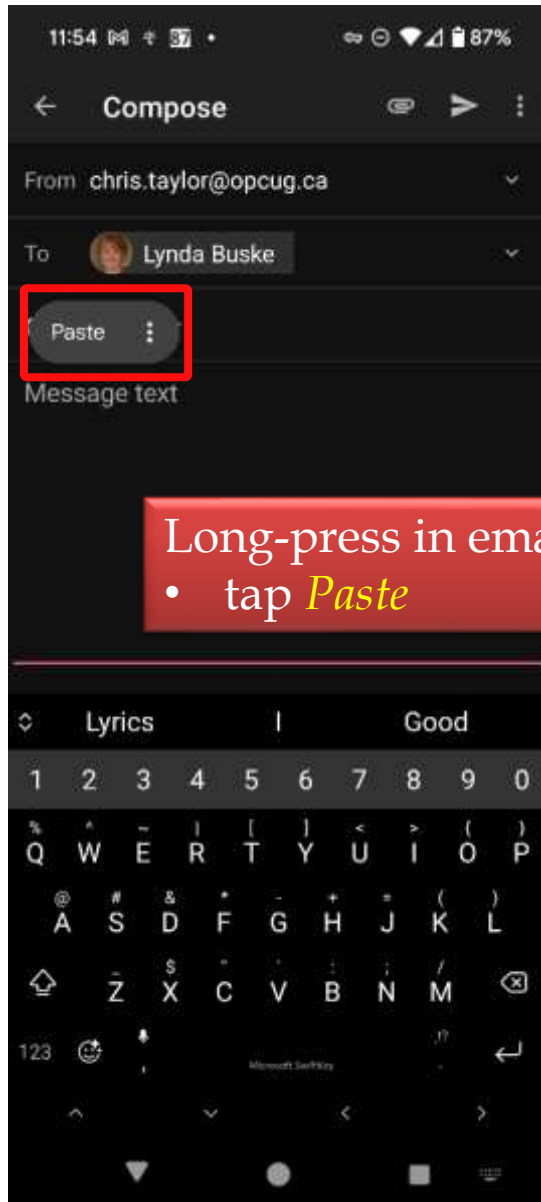
- select text you want
- tap *Copy*



Selected text copied to clipboard

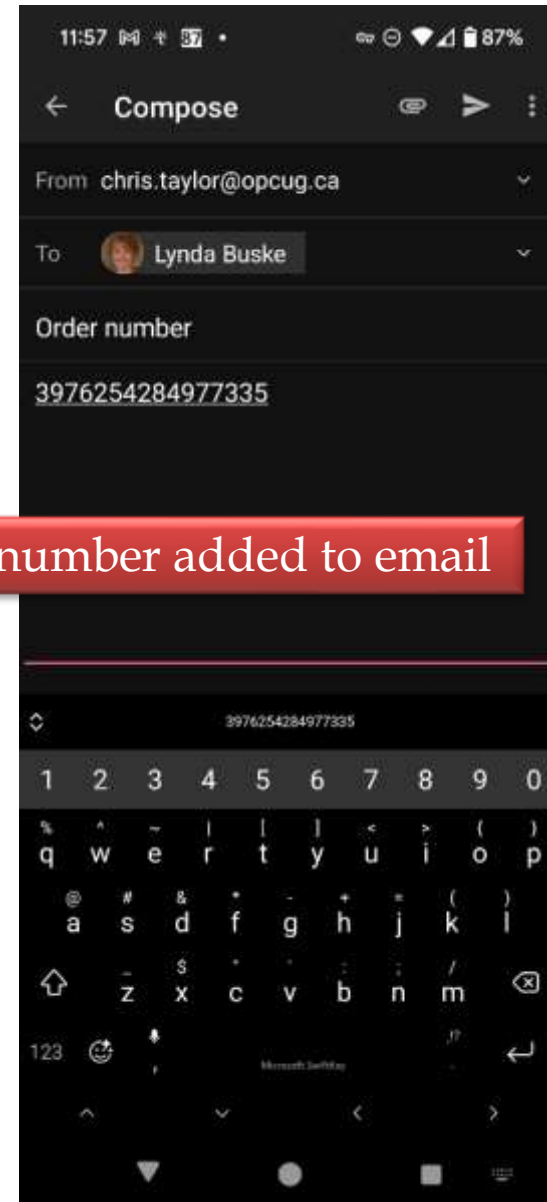


Smartphone Basics



Long-press in email body

- tap *Paste*



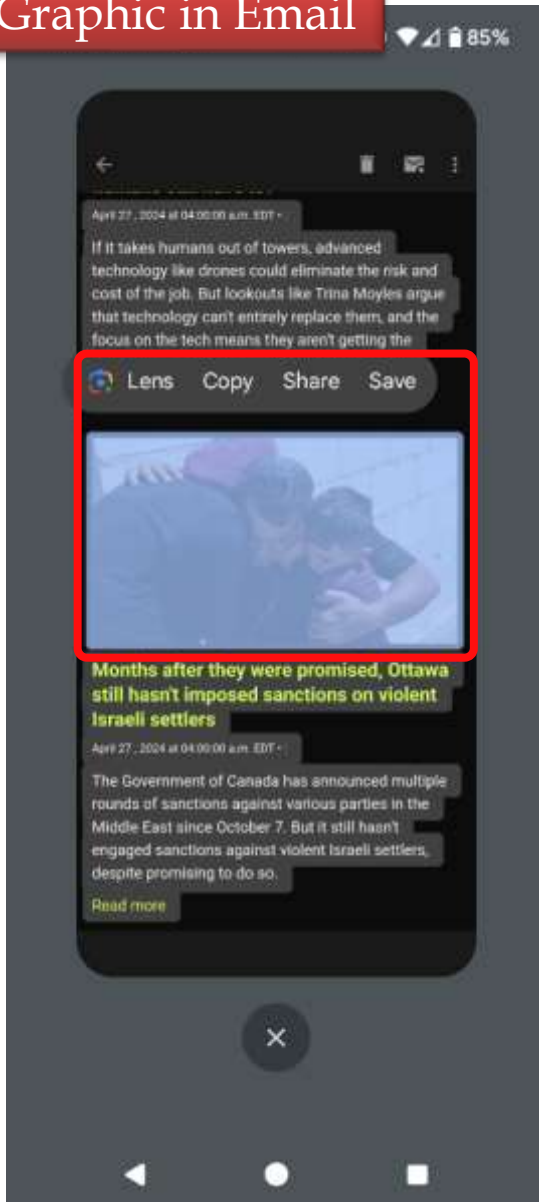
Parcel number added to email



Smartphone Basics

Use *App overview* – *Select* when to select part of any screen

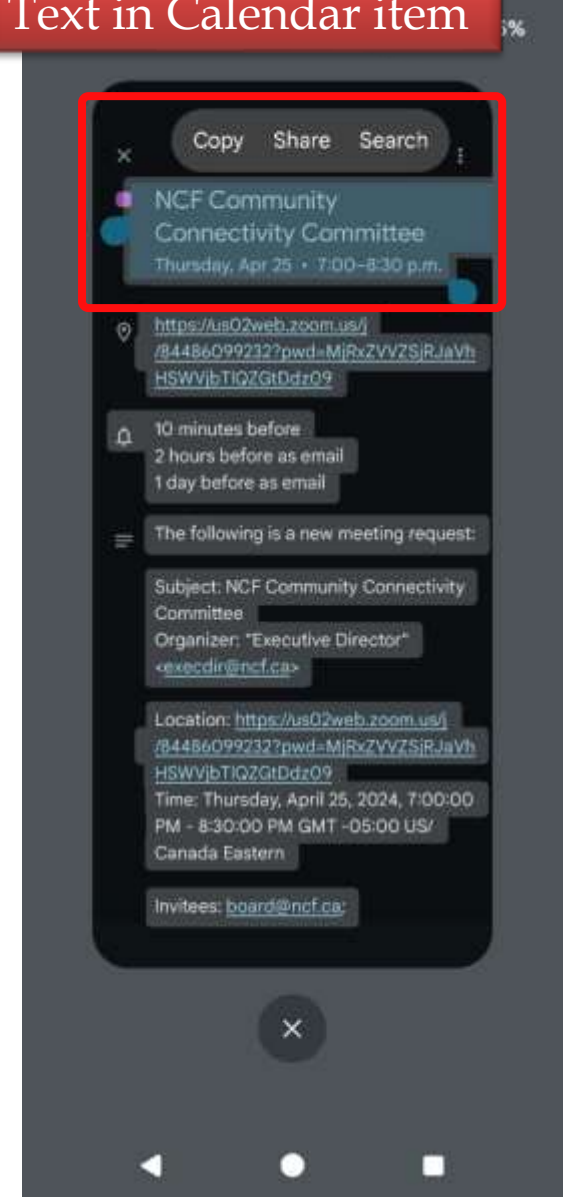
Graphic in Email



Text on Webpage



Text in Calendar item

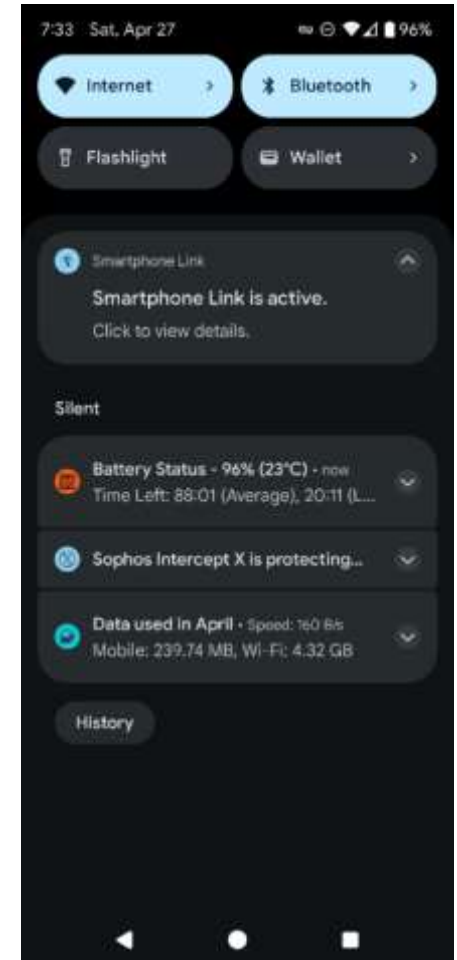




Smartphone Basics

Android Screenshots

- Wanted to take a screenshot of *Notifications screen* on Google Pixel 6 phone running Android 14
- Didn't want to install a 3rd party screenshot app
 - unless I could find no other way
- I knew two ways to take screenshots
- Neither worked to capture the notification screen
 - note: later, the 2nd method worked
 - but by then I had found another interesting method

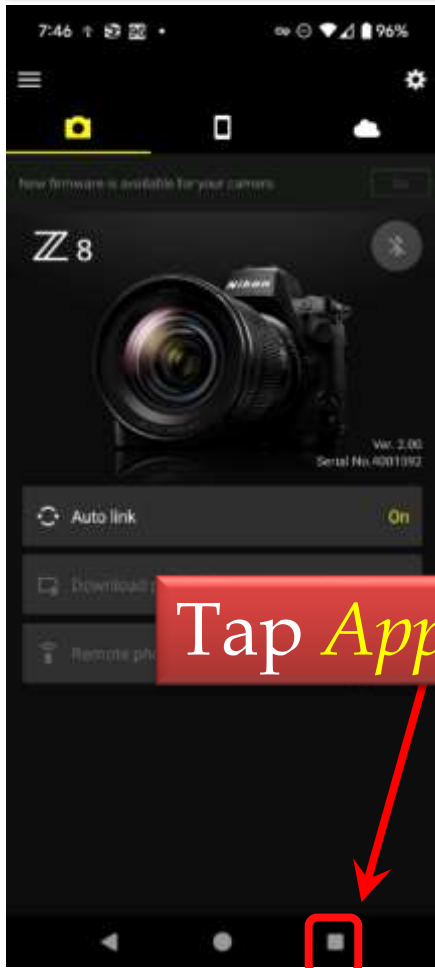




Smartphone Basics

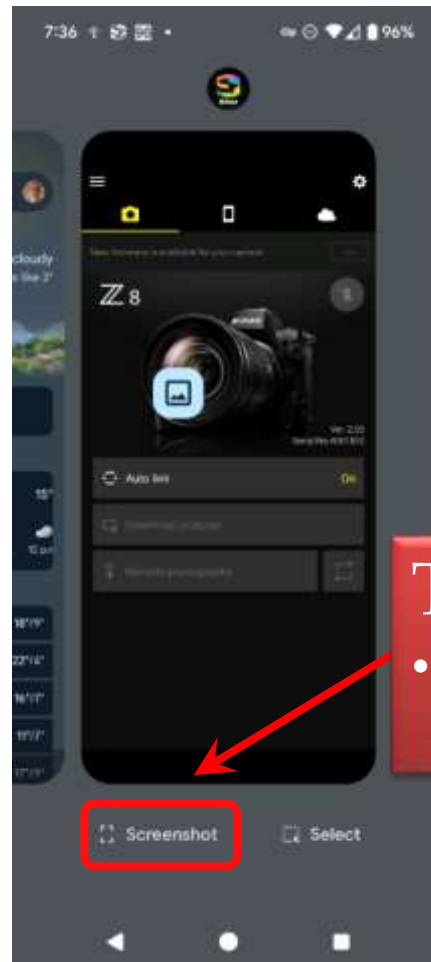
Method 1 *App Overview* button

My 1st choice



Open app

Tap *App Overview*



Tap *Screenshot*

- captures screen of most recent app

Problem:

- didn't work when trying to capture the *Notification* screen
- as soon as I tapped *App Overview*
 - *Notification* screen disappeared



Smartphone Basics

Method 2

Power & volume down button



Press both

- *Power* and
- *Volume down* buttons
- captures current screen

Problem:

- didn't work (at first) when trying to capture the notification screen
 - later it worked
- maybe too fiddly to press both buttons at same time

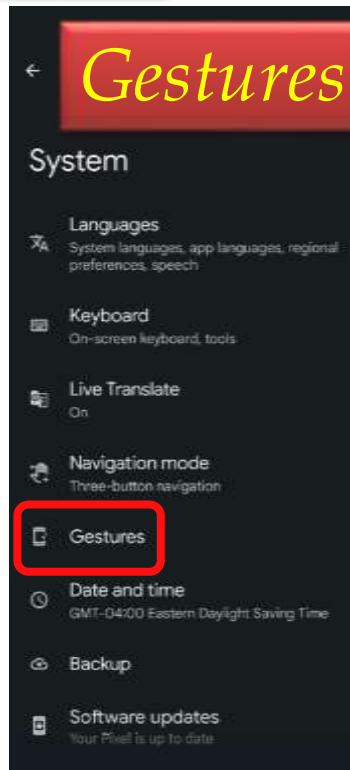
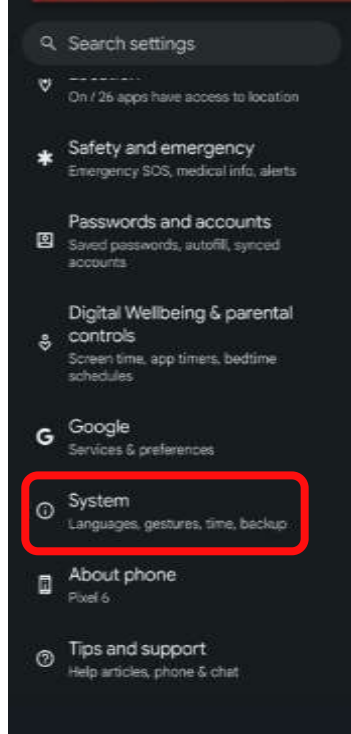


Smartphone Basics

Method 3

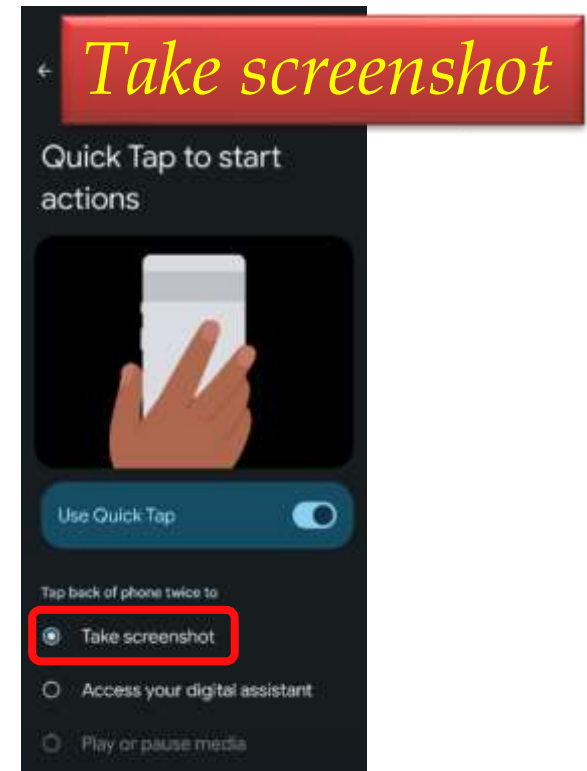
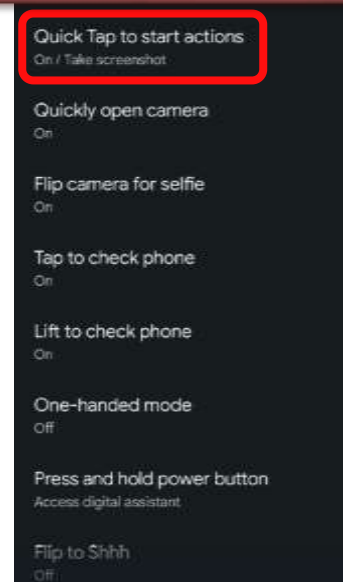
Double-tap back of phone

Settings: *System*



Gestures

*Quick Tap
to start actions*



Take screenshot

Double-tap back of phone

- works to capture any screen
- at least all screens I have tried

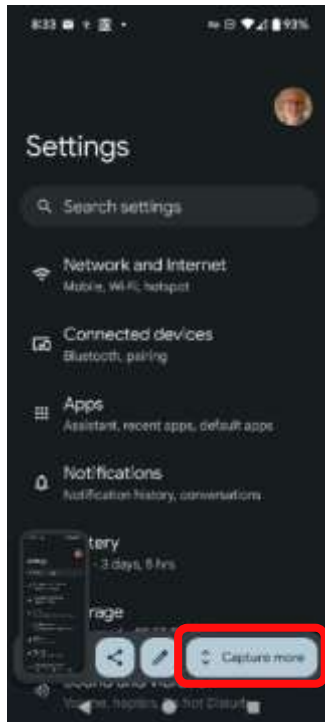
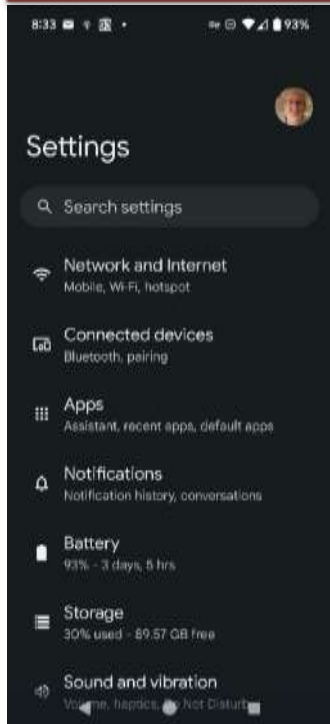


Smartphone Basics

Bonus tip Capture long screens

Open app too long to fit screen

- *Power & Vol down*, or
- *double-tap phone back*



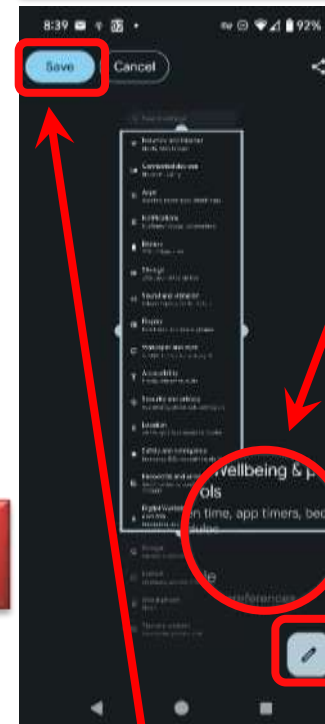
Tap *Capture more*



Drag handles

Magnifies

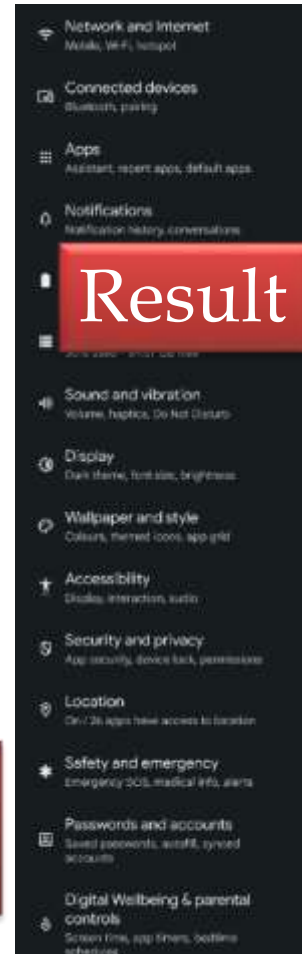
- easier to select exact area



Tap *Save* or *Edit*

- *Edit* to mark up

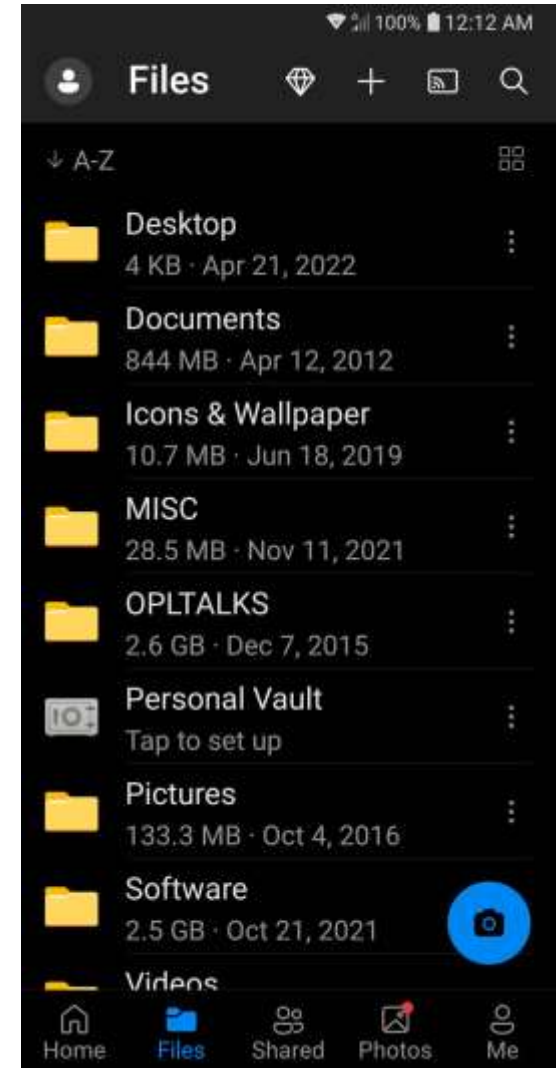
Result





Android OneDrive App

- I use cloud storage a lot but I've noticed something peculiar with the OneDrive Android app.
- Wherever possible, my preference on Android, is the dark theme. I find it easier to read, especially in brighter light conditions. (Smartphones are notoriously difficult to read on a bright sunny day.)
- For some reason, the OneDrive app sometimes appears in dark theme, and other times in light theme.

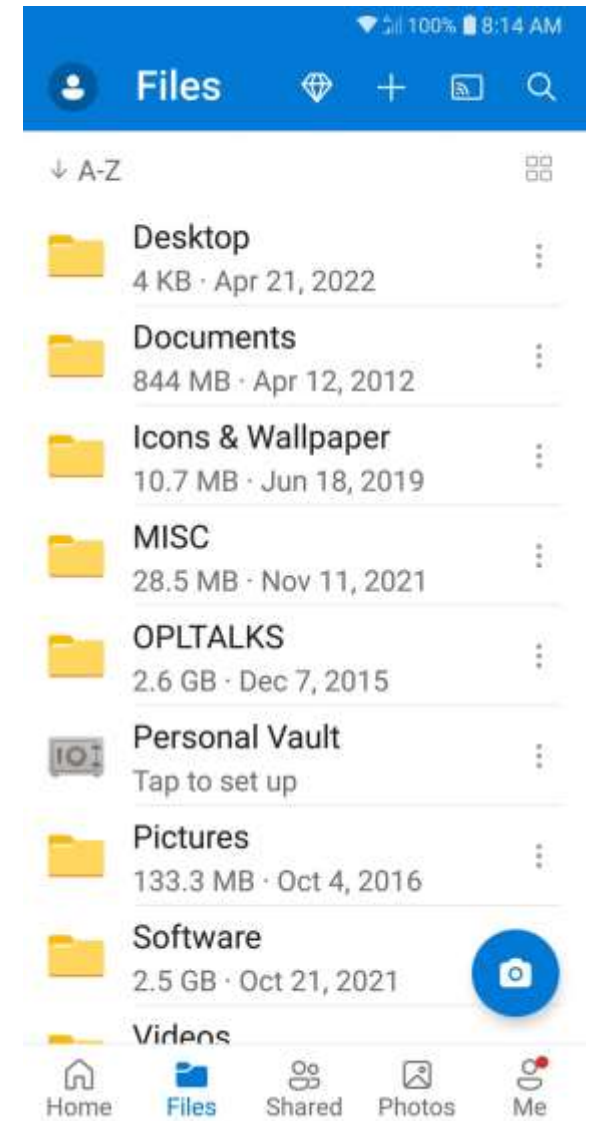


Jeff Dubois



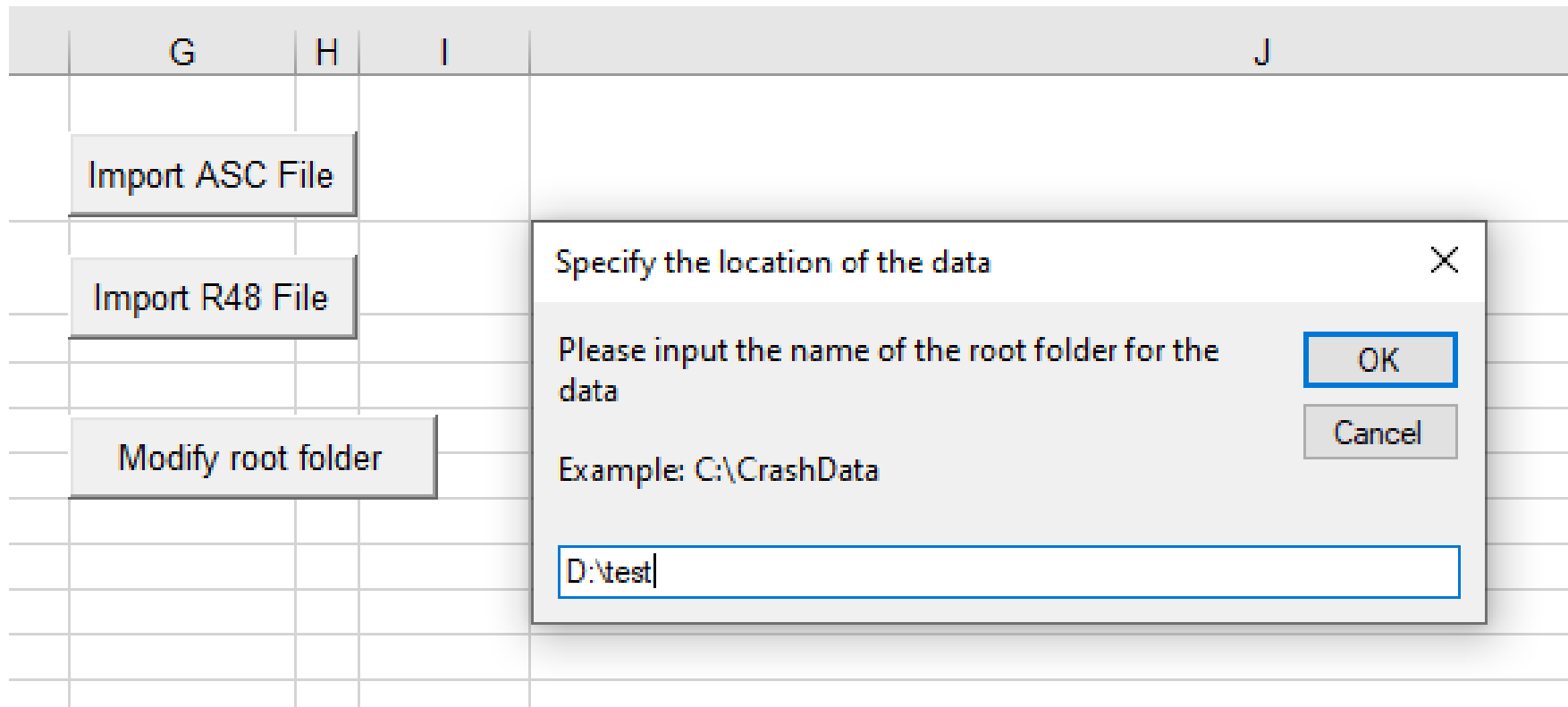
Android OneDrive App

- There doesn't seem to be any consistency or pattern that I can find.
- I'm not really sure how to troubleshoot the problem.
- It doesn't affect the app's functionality, just its usability.
- Wondering if anyone else has noticed this?
- Is there a fix?



Share

(Some) Mysteries of the Windows Registry

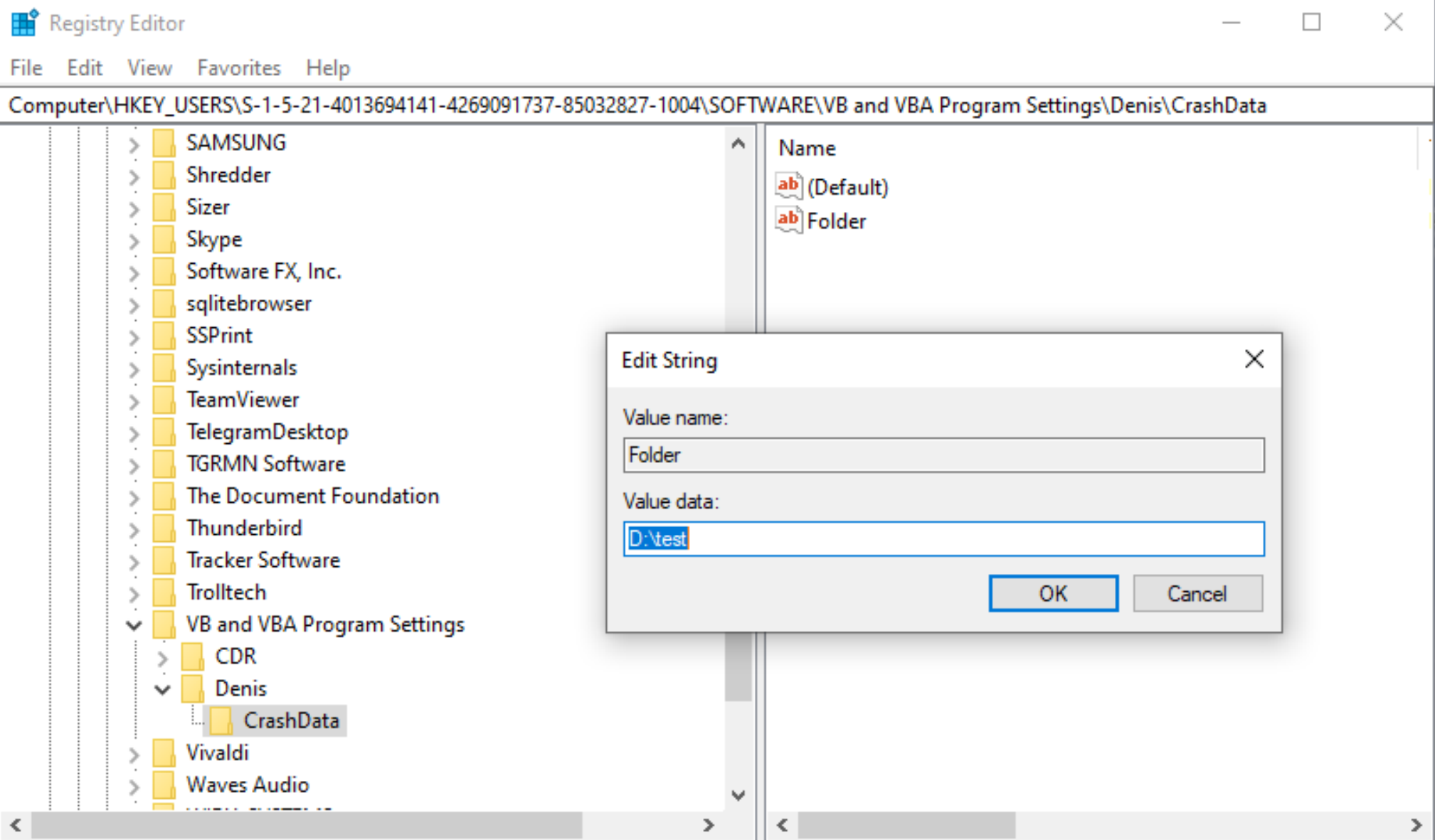


There are more than 16 million* individual cells in an Excel 2003 worksheet any one of which could be used to store the string but, why do that when you can use the command:

```
SaveSetting Appname:="Denis", section:="CrashData", _  
key:="Folder", setting:=Folder
```

and store the data in the...

* >17 billion cells in modern versions of Excel



Store data element:

**SaveSetting Appname:="Denis", section:="CrashData", _
key:="Folder", setting:=Folder**

Retrieve data element:

**Folder = GetSetting(Appname:="Denis", _
section:="CrashData", key:="Folder")**

OverflowAI is here! AI power for your Stack Overflow for Teams knowledge community. [Learn more](#)

When - and why - should you store data in the Windows Registry?

As a developer, tools that store configuration/options in the registry are the bane of my life. I can't easily track changes to those options, can't easily port them from machine to machine, and it all makes me really yearn for the good old days of .INI files...

When writing my own applications, what - if anything - should I choose to put in the registry rather than in old-fashioned configuration files, and why?

<https://stackoverflow.com/questions/268424/when-and-why-should-you-store-data-in-the-windows-registry>



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Windows registry information for advanced users

Article • 12/26/2023 • 6 contributors

 [Feedback](#)

This article describes the Windows registry and provides information about how to edit and back it up.

Applies to: Windows 10 - all editions, Windows Server 2012 R2

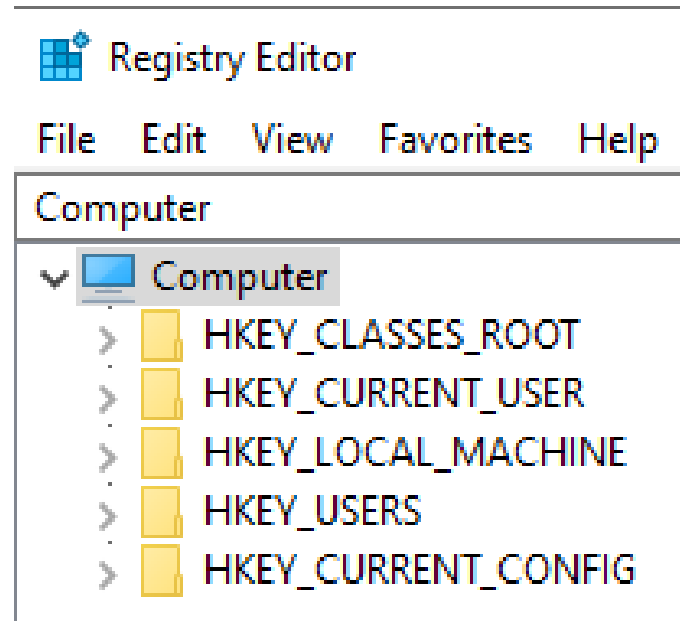
Original KB number: 256986

<https://learn.microsoft.com/en-us/troubleshoot/windows-server/performance/windows-registry-advanced-users>

The Windows Registry

- The registry stores system configuration information for one or more users, installed applications, and hardware devices in use
- Essentially a set of (binary) files to store settings
- MS-DOS had config.sys
- Early version of Windows used .INI (text) files
- Windows 3.1 had a simple form of the registry (one file, REG.DAT, 64 KB max, one top-level key) with a hierarchical data structure
- Windows NT expanded the registry's scope and formed the basis for the current version

- The registry contains a number of “*hives*” with group of keys, subkeys, and values in a tree structure



- Different versions of Windows can have different registry structures
- The Windows 10 registry is stored in C:\Windows\System32\config

Windows 10 (C:) > Windows > System32 > config

☐ Name	Date modified	Size
 bbimigrate	2020-08-17 3:02 AM	
 Journal	2019-12-07 4:14 AM	
 RegBack	2019-12-07 4:14 AM	
 regsave	2024-02-17 1:38 PM	
 systemprofile	2019-12-07 4:14 AM	
 TxR	2023-10-30 11:33 ...	
 BBI	2024-05-18 6:53 PM	1,536 KB
 BCD-Template	2020-08-17 3:02 AM	28 KB
 COMPONENTS	2024-05-19 7:34 AM	45,312 KB
 DEFAULT	2024-05-18 6:53 PM	4,864 KB
 DRIVERS	2024-05-16 8:00 AM	9,004 KB
 ELAM	2024-02-15 9:09 AM	32 KB
 SAM	2024-05-18 6:53 PM	128 KB
 SECURITY	2024-05-18 6:53 PM	64 KB
 SOFTWARE	2024-05-18 6:53 PM	141,056 KB
 SYSTEM	2024-05-18 6:53 PM	28,160 KB
 userdiff	2020-08-17 2:57 AM	8 KB

- ③ Network

85 items, Free space: 8.5 GB

- Wa-a-y too complicated for mere mortals!
- But, we can find our setting at:

HKEY_USERS\

S-1-5-21-4013694141-4269091737-85032827-1004\

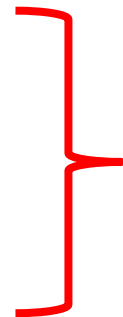
SOFTWARE\

VB and VBA Program Settings\

Denis\

CrashData\

Folder



Specified by the Excel macro

Value data = D:\test



Registry Editor

File Edit View Favorites Help

Computer\HKEY_USERS\S-1-5-21-4013694141-4269091737-85032827-1004\SOFTWARE\VB and VBA Program Settings\Denis\CrashData

- > SAMSUNG
- > Shredder
- > Sizer
- > Skype
- > Software FX, Inc.
- > sqlitebrowser
- > SSPrint
- > Sysinternals
- > TeamViewer
- > TelegramDesktop
- > TGRMN Software
- > The Document Foundation
- > Thunderbird
- > Tracker Software
- > Trolltech
- ▼ VB and VBA Program Settings
 - > CDR
 - ▼ Denis
 - CrashData
 - > Vivaldi
 - > Waves Audio

Name

ab (Default)

ab Folder

Edit String

Value name:

Folder

Value data:

D:\test

OK

Cancel

For (much) more detailed information, see:

The Windows Registry Adventure #2: A brief history of the feature

Posted by Mateusz Jurczyk

Google Project Zero *

Thursday, April 18, 2024

[https://googleprojectzero.blogspot.com/2024/04/
the-windows-registry-adventure-2.html](https://googleprojectzero.blogspot.com/2024/04/the-windows-registry-adventure-2.html)

** Project Zero is a team of security researchers at Google who study zero-day vulnerabilities in the hardware and software systems*



YouTubeTech

Blame Me: The INSIDER Secrets of Windows Product Activation!



<https://www.youtube.com/playlist?list=PLF2KJ6Gy3cZ7jCgV1VEAIcr867nCkynPn>

Blame Me: The INSIDER Secrets of Windows Product Activation!

<https://www.youtube.com/watch?v=FpKNFCFABp0>



YouTubeTech

Explaining Audio File Formats



Explaining Audio File Formats



ExplainingComputers ✓

1.01M subscribers

<https://www.youtube.com/watch?v=BdF8PIJ1hIQ&t=23s>

Share

2FA Attacks



Scammers can easily phish your multi-factor authentication codes. Here's how to avoid it

Posted: May 16, 2024 by Pieter Arntz

More and more websites and services are making [multi-factor-authentication \(MFA\)](#) mandatory, which makes it much harder for cybercriminals to access your accounts. That's a great thing. But as security evolves, so do cybercriminals who are always looking for new ways to scam us.

A type of phishing we're calling authentication-in-the-middle is showing up in online media. While these techniques, named after [man-in-the-middle \(MitM\) attacks](#), have existed for a while, they appear to be gaining traction now.

It works like this: A user gets lured to a phishing site masquerading as a site they normally use, such as a bank, email or social media account. Once the user enters their login into the fake site, that information gets redirected by the cybercriminals to the actual site, without the user knowing.

https://www.malwarebytes.com/blog/news/2024/05/scammers-can-easily-phish-your-multi-factor-authentication-codes-heres-how-to-avoid-it?utm_source=iterable&utm_medium=email&utm_campaign=b2c_pro_oth_20240520_mayweeklynewsletter_non_paid_v3_2_171589470534&utm_content=scammers_phishing

Karen Wallace-Graner

Share

Scam methodology and fix

- User clicks on a fake banking website
- Enters logon credentials (userID/password)
- Scammer uses these to log on to the real bank site
- Bank sends the user a security code as an SMS text
- Scammer has the fake website request the code
- User enters the code on the fake web site
- Scammer uses this code on the real bank site
- Scammer has full access to the user's bank account!

Share

Scam methodology and fix

- User clicks on a fake banking website
- Enters logon credentials (userID/password)
- Scammer uses these to log on to the real bank site
- Bank send the use a security code as an SMS text
- Scammer has the fake website request the code
- User enters the code on the fake web site
- Scammer uses this code on the real bank site
- Scammer has full access to the user's bank account!



Don't click on dubious links!



FRAUD WATCH !

[CONFIRM AND GET STORAGE NOW](#)

- Attention, if you do not get more storage before 22 Nov 2023, your email box might be DEACTIVATED.
- If you need help, visit our [Mail Settings](#) page .

Kind regards, alan[REDACTED]

[Webmail Support](#)

Hover the mouse over any of these links

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<https://opcug.ca/fraud-watch/>

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The Internet Is Not Forever

The Internet Is Not Forever: 38% of Web Pages From 2013 No Longer Exist

A Pew report on 'digital decay' also finds tweets to be an increasingly ephemeral medium.



By [Rob Pegoraro](#)

May 20, 2024



- Data on a floppy disk might have better odds of surviving the next decade than a web page
- 38% of the pages extant in 2013 were no longer accessible in October 2023 *

<https://www.pcmag.com/news/the-internet-is-not-forever-38-of-web-pages-from-2013-no-longer-exist>

** Based on a sample of one million pages*

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On-going Chrome Issues

Google Chrome Gets 6 Security Fixes to Patch High-Severity Vulnerabilities

External researchers find bugs in Chrome's desktop version that could be exploited. Google is pushing fixes for Windows, Mac, and Linux Chrome users.



By Kate Irwin May 22, 2024



Today!

<https://www.pcmag.com/news/google-chrome-gets-6-security-fixes-to-patch-vulnerabilities>

Go update Chrome right now — for the second time in a week

For the sixth time in 2024, Chrome has a critical zero-day security flaw that needs to be patched immediately.



By Michael Crider
Staff Writer | MAY 14, 2024 7:42 AM PDT

One week ago

<https://groups.google.com/g/opcug-member-forum/c/Ca-uzKk6bsU>



harv...@gmail.com <harv.hope@gmail.com>

to OPCUG-Member-Forum

Thank goodness for Firefox ...

...



<https://www.mozilla.org/en-CA/firefox/new/>



**Any other:
Questions
Comments
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PDFgear

by Chris Taylor

Why would anyone use anything but *Adobe Reader* to view PDF files? As I outlined at the May 1st Q&A session, Adobe Reader is the Typhoid Mary of the Internet with an endless stream of security flaws. Sophos's *Naked Security* blog reported in 2018 *Adobe fixes 85 serious flaws in Acrobat and Reader*. In a single update! SonicWall reported that 1/5 of all new malicious files are PDFs. The combination of Adobe's atrocious security record and the prevalence of malicious PDFs led me to remove *Adobe Reader* from my computers. I started using the free *Foxit Reader* many years ago.

The other reason one might look for a replacement PDF program is a need to edit PDF files. Some vendors have capable PDF editors, at prices far below *Adobe Acrobat*'s perpetual licence at \$470 or subscription at \$17/month! However, there are not many free PDF editors available.

I received word about a free PDF editor: PDFgear. I was skeptical. The PDFgear website wanted me to click a big orange button labelled *Free Download*. I have often found this to be code for *Free Demo Version*. But a little research proved this to be wrong. PDFgear is truly a full featured, totally free PDF editor. The company intends to bring out a paid version in the future that will include premium features.

What do you get for the cost of a free download? A substantial array of interesting features. Along with some rough edges.

Using PDFgear as a PDF reader

When I compared how PDFgear and

Foxit Reader render PDF files, I found that both generally did a very good job at displaying PDF content. However, there were a few cases where PDFgear did it better.

Sometimes, Foxit Reader does not indicate if text is a hyperlink. While you can hover your mouse over the link and the cursor will change, just looking at the text does not show a link exists. PDFgear always displays links in blue text. I could not figure out why Foxit Reader sometimes highlighted links in blue and sometimes didn't.

Text as it appears in Foxit Reader

Summaries can be long.
Read more in our article: "Securing laptops with multiple weapons or grades!"

Even better: It has multiple widths

An often-mentioned criticism within a single topic family is width. From a narrow landscape that allows us to fit more words and flow, to an overly wide face that adds personality, multiple widths offer the typographer more ways to work with type without the need to use more than one family.

The same text displayed in PDFgear

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An often-mentioned criticism within a single topic family is width. From a narrow landscape that allows us to fit more words and flow, to an overly wide face that adds personality, multiple widths offer the typographer more ways to work with type without the need to use more than one family.

Foxit Reader is far more configurable in its *Preferences* dialogue box, but this can be a double-edged sword. At some point, when trying to get Foxit Reader to follow my Windows choice for *Show accent colour on title bars and windows borders*, I must have chosen the option *Replace document colors > Use Windows color scheme* and all text was being displayed as black. If you have a PDF with white text on a black background, this is a real problem!

White text on black in Foxit Reader

14 Special Report

White text on black in PDFgear

14 Special Report

By the way, PDFgear honours my choice to display the title bar in my chosen accent colour. Foxit Reader always displays the title bar in white, making it more difficult to know which window has the focus. Programs overriding the choice for the title bar colour is a long-standing gripe of mine.

While both Foxit Reader and PDFgear do a very good job of rendering PDF files, I give a slight nod to PDFgear.

(Continued on page 13)

Inside this issue:

<i>Next Meeting / Coming Up / Calendar</i>	2
<i>PDFgear</i>	1
<i>Transferring Files Over Wi-Fi</i>	4
<i>AI - What Next?</i>	5
<i>Cyber Security</i>	7
<i>Two-Factor Authorization Flasco</i>	9
<i>Wi-Fi Hotspot and USB Tether</i>	11
<i>Stranded Alaskan Snowmobiler</i>	12
<i>Contact Information</i>	15

PIZZA NIGHT: **WEDNESDAY, June 12th, 2024**

Jumbo Sumer Issue

15 pages!

Includes articles from APCUG members

What topics would you like to read about in future issues?

Could you write an article for a future newsletter?



Copy deadline for next issue - August 11

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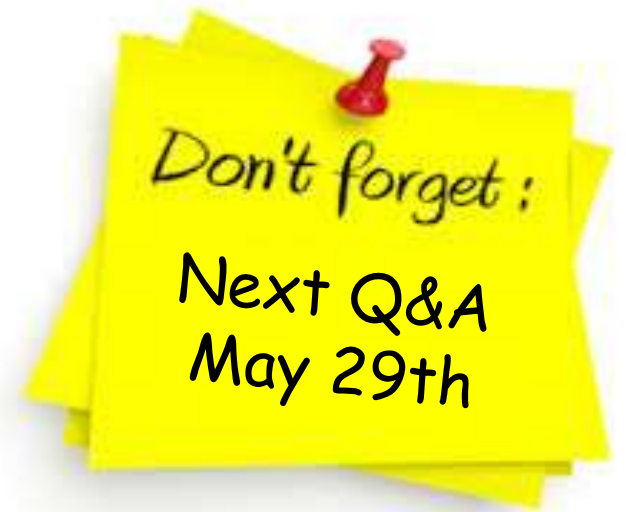




**Britannia Park
Trolley/Picnic Station
June 12, 2024**



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



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answers, and topics
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