



Alan German & Chris Taylor
Ottawa PC Users' Group

Share

SmartApps

- Useful apps for Android smartphones and tablets
- What are your favourites?



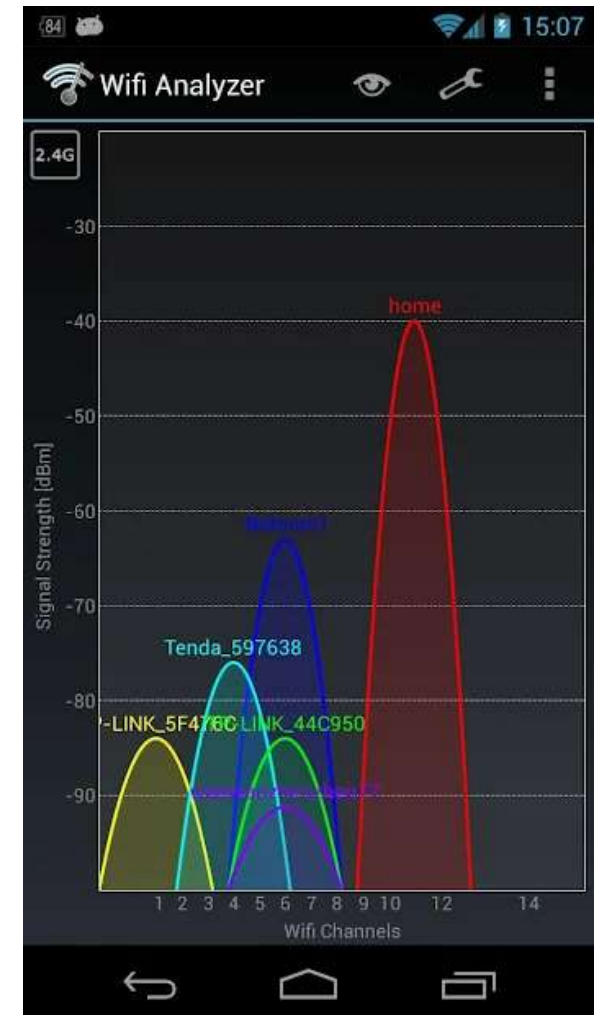
SuggestionBox@opcug.ca

Can also be a program for the PC



WiFi Analyzer

- Shows WiFi channel usage around your phone dynamically
- You can switch between bands, and show history
- Good for picking channels for your router and moving access point for best operation



<https://play.google.com/store/apps/details?id=com.farproc.wifi.analyzer>

Share

SmartApps

I've been quiet for a while so it seems like a good time to share a few apps I have been using...

Stewart on



Android

Stewart on



Android

Air Tag Tracker Detector

- Fruit of the Loom itself!
- News media report people being stalked by surreptitiously placed Air Tags
- Apple has released this Android app which allows users to scan for any Air Tags in close proximity
- What you do with this data is up to you and the vigilante gang you may have formed!



<https://play.google.com/store/apps/details?id=com.apple.trackerdetect>

Share

Data Privacy Day – Jan 28th

- https://en.wikipedia.org/wiki/Data_Privacy_Day
- Sophos Naked Security post
 - a few simple tips to help you indulge more safely...
 - get to know your privacy controls
 - decide what your data is really worth
 - be fair to yourself and others
 - don't let scammers into your life
 - advice you can share with your friends and family



Share

A large power bank



- Think your power bank (for charging USB devices like phones and cameras) is large?
 - 20,000 mAh? 30,000 mAh?
- How about a **27,000,000 mAh** portable power bank
 - charge 5,000 phones
 - charge 60 devices simultaneously



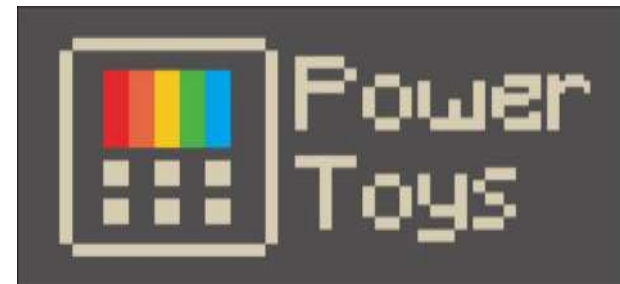
Can go fishing, watch TV, and wash your clothes at the same time!



<https://www.youtube.com/watch?v=-oilA8nLfsk>

Share

Enhanced Windows PowerToy: Mouse Utilities

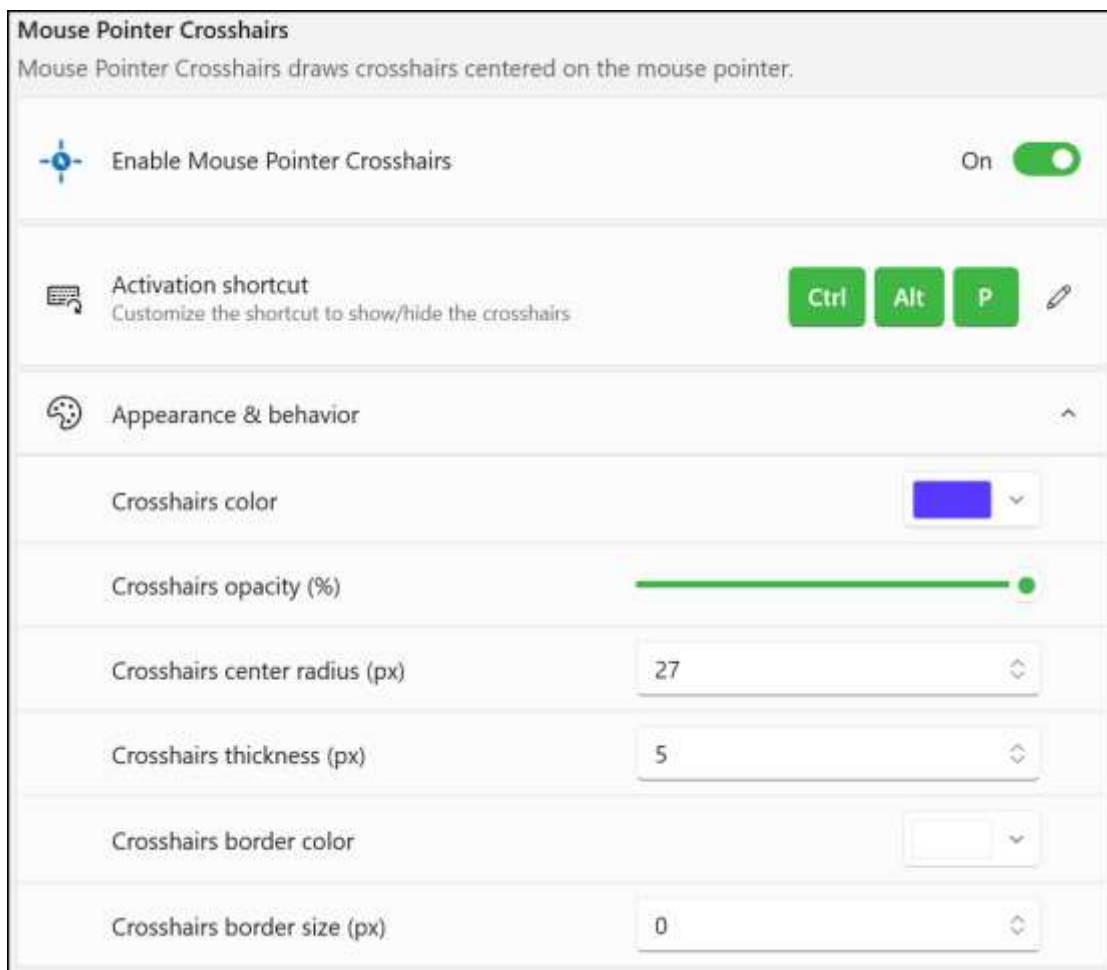


- PowerToys
 - great set of utilities for Windows
 - FancyZones, Image Resizer, Keyboard Manager, Mouse Utilities, PowerRename, PowerToys Run...
 - new to version 0.55.0
 - enhanced PowerToy – Mouse Utilities:
 - *Mouse Pointer Crosshairs*
 - idea came from Accessibility group at Microsoft

<https://aka.ms/installpowertoys>

Share

Enhanced Windows PowerToy: Mouse Pointer Crosshairs



Lots of options

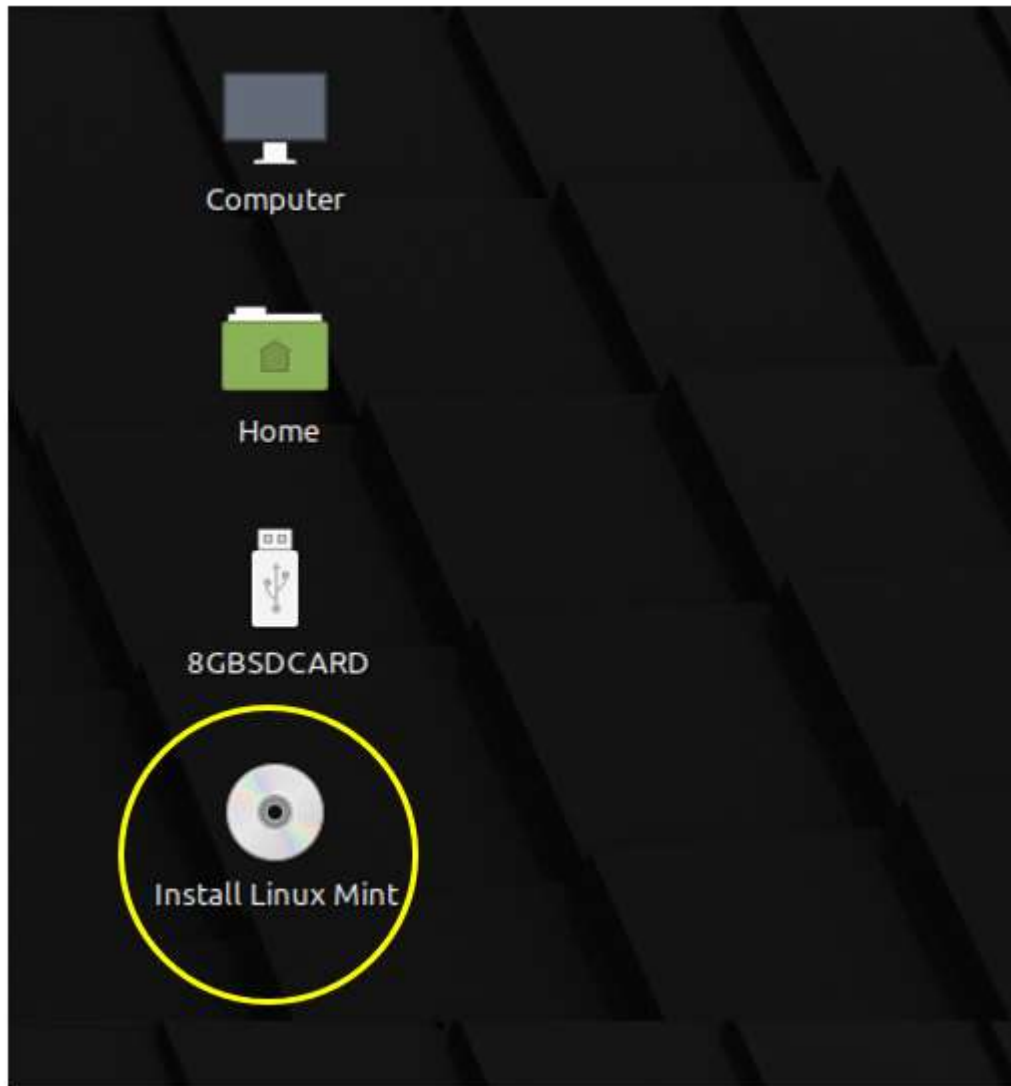
<https://aka.ms/installpowertoys>

Preparing to abandon ^{the windows} ~~ship~~

To-do list:

- ✓ (1) Install Linux on the last remaining computer
- ✓ (2) Identify the current uses of Windows 10
- ✓ (3) Identify Linux-based alternatives
- ✓ (4) Find workarounds if alternatives exist

What else do we need to know?



Installation

- Install Linux on the hard drive
- Separate partition
- Dual-boot (Windows and Linux)



Before you do anything...

- Make a **full disk image** of your system
- Should anything go wrong recovery will be quick and easy

 Select Source Drive(s) & Partitions

Source

GPT Disk 1 [6CEF718C-C760-4D5E-95D2-BFAF95D5A5DE] - Samsung SSD 840 EVO 250GB EXT0DB6Q <2:

Partition	File System	Size	Used	Free	Selected
1 - ESP (None)	FAT32 (LBA) Prima	31.2 MB	500.0 MB		☒
2 - DIAGS (None)	FAT32 (LBA) Prima	2 KB	40.0 MB		☒
3 - (None)	Unformatted Prima	128.0 MB	128.0 MB		☒
4 - WINRETOX	NTFS Primary	496.1 MB	2.00 GB		☒
5 - Windows	NTFS Primary	121.52 GB	139.38 GB		☒

Total Selected: 159.91 GB

Destination

☒ Folder
[Alternative locations](#)

☐ CD/DVD Burner

Backup File Name

Type '?' for parameters

File Edit View Bookmarks Tools Window Help Linux Mint Installation Guide — Linux Mint Installation Guide documentation

Linux Mint Installation Guide latest

Search docs

DOWNLOAD

- Choose the right edition
- Verify your ISO image

LIVE BOOT

- Create the bootable media
- Boot Linux Mint

INSTALLATION

- Install Linux Mint

POST-INSTALLATION

- Hardware drivers
- Multimedia codecs
- Language support
- System snapshots

TROUBLESHOOTING

- EFI
- Boot options

FREQUENTLY ASKED QUESTIONS

- Multi-boot
- Partitioning
- Pre-installing Linux Mint (OEM)

Docs » Linux Mint Installation Guide Edit on GitLab

Linux Mint Installation Guide

Linux Mint comes in the form of an ISO image (an .iso file) which can be used to make a bootable DVD or a bootable USB stick.

This guide will help you download the right ISO image, create your bootable media and install Linux Mint on your computer.



Download

- Choose the right edition
- Verify your ISO image

Live Boot

- Create the bootable media
- Boot Linux Mint

Installation

- Install Linux Mint

Post-installation

- Hardware drivers
- Multimedia codecs
- Language support

<https://linuxmint-installation-guide.readthedocs.io/en/latest/>

Preparing to install Linux Mint

☒ Install third-party software for graphics and Wi-Fi hardware, Flash, MP3 and other media

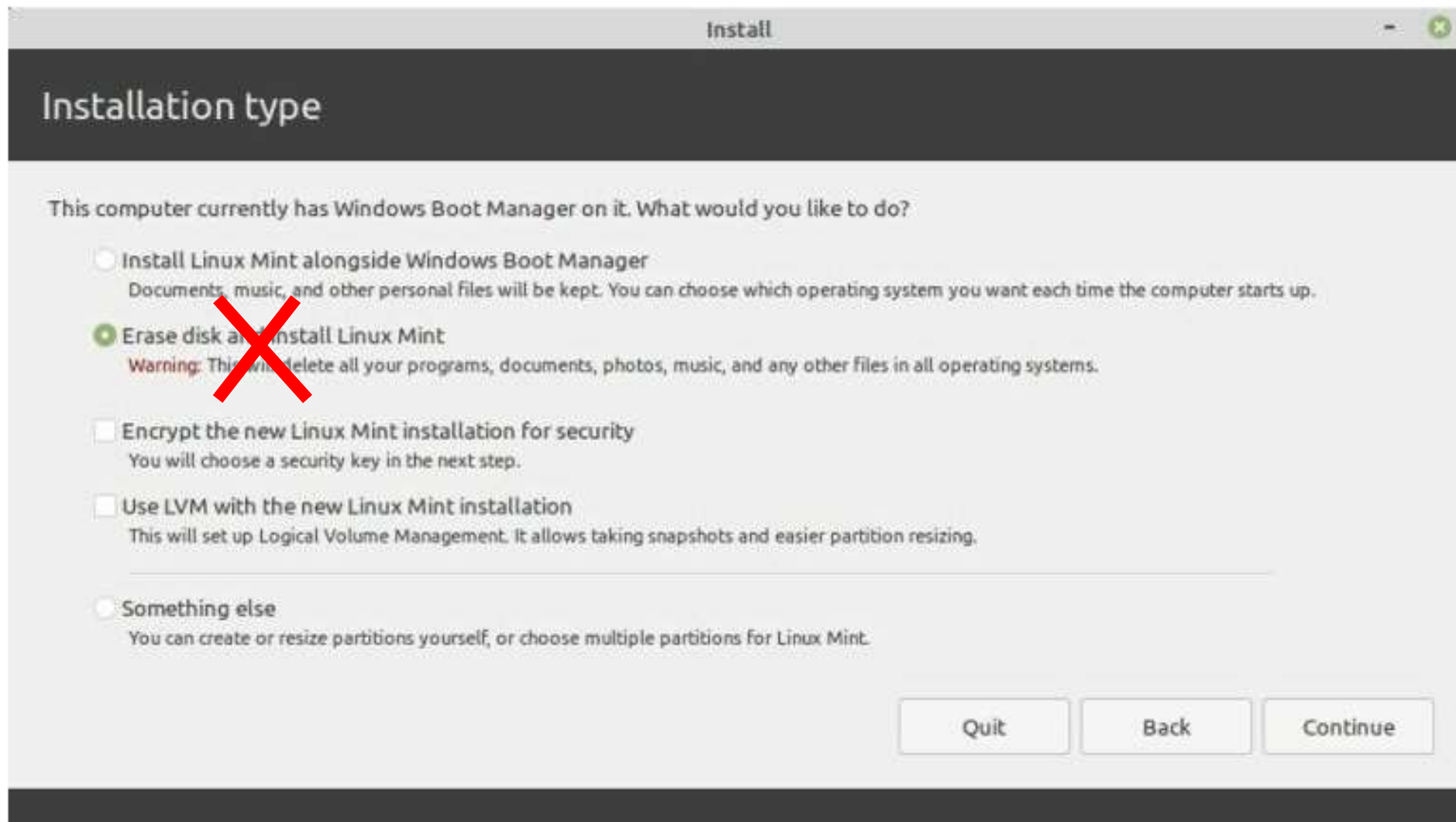
This software is subject to license terms included with its documentation. Some is proprietary.

Quit

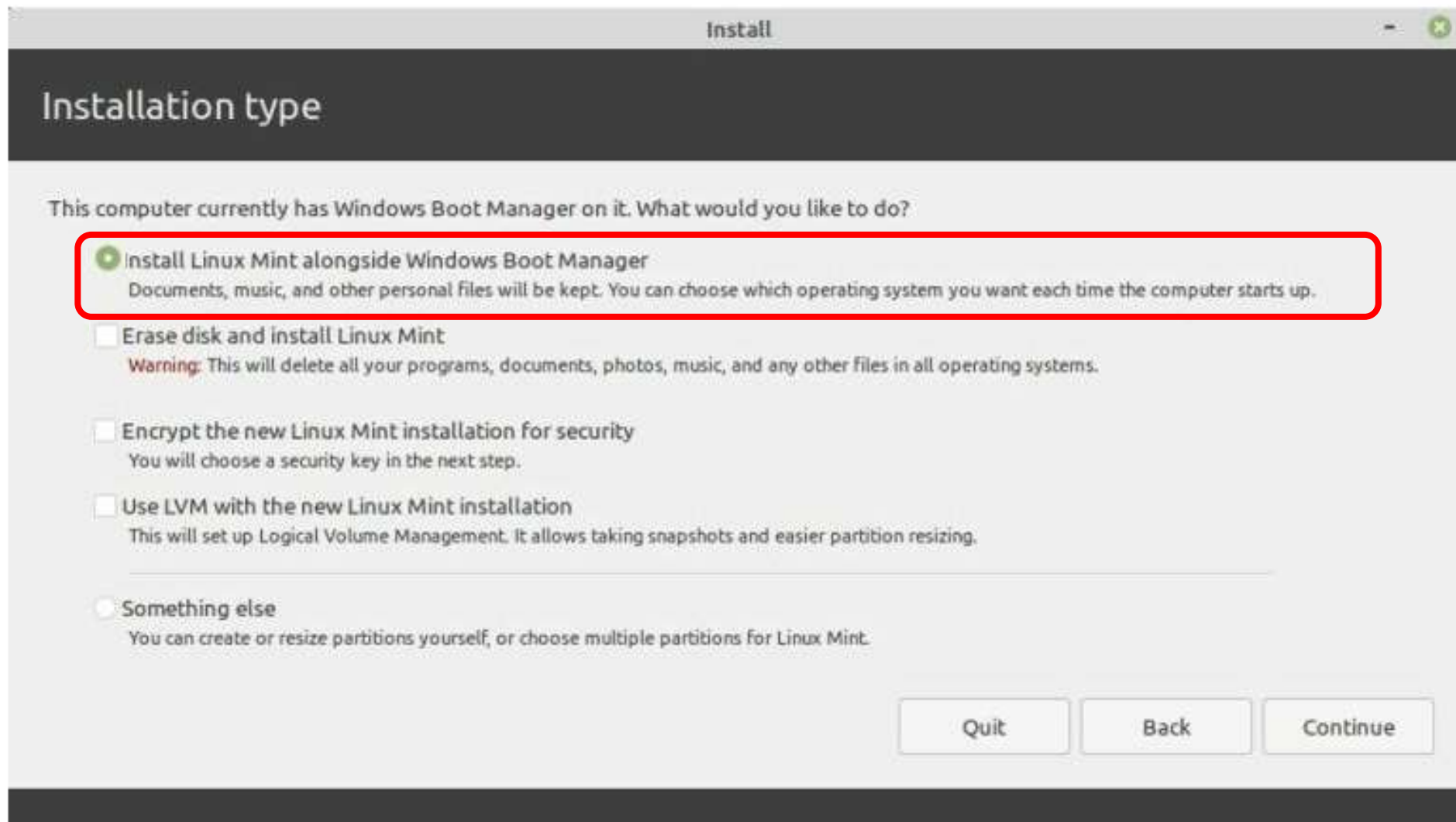
Back

Continue





Don't select the default option to erase the disk – this will remove Windows!



Install Linux **alongside** Windows
(installer will create disk partition)

Install

Install Linux Mint alongside Windows Boot Manager

Select drive: SCSI2 (0,0,0) (sdb) - 62.5 GB ATA

48.4 GB ▼

Allocate drive space by dragging the divider below:

 Files (13.5 GB) /dev/sdb4 (ntfs) 36.1 GB	 Linux Mint /dev/sdb5 (ext4) 25.7 GB
--	---

Resize partitions by
dragging divider

Quit

Back

Install Now



Installation type

This computer currently has Linux Mint 18.3 Sylvia (18.3) on it. What would you like to do?

☐ Erase disk and install Linux Mint

Warning: This will delete all your programs, documents, photos, music, and any other files in all operating systems.

☐ Encrypt the new Linux Mint installation for security

You will choose a security key in the next step.

☐ Use LVM with the new Linux Mint installation

This will set up Logical Volume Management. It allows taking snapshots and easier partition resizing.

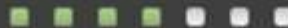
☒ Something else

You can create or resize partitions yourself, or choose multiple partitions for Linux Mint.

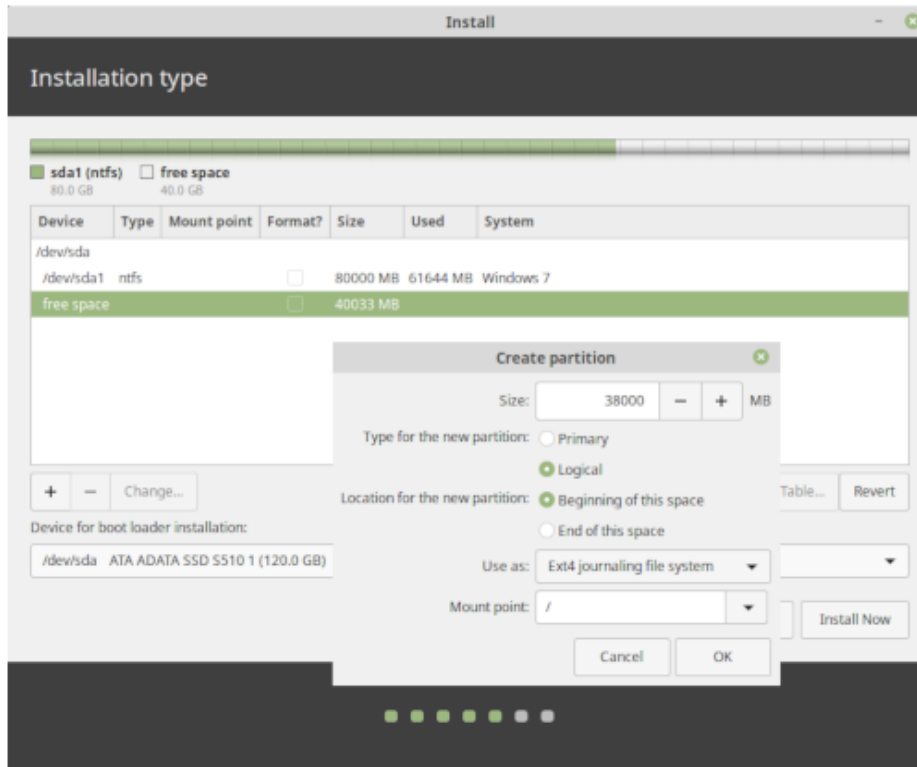
Quit

Back

Continue



On the next screen, click on “free space” to select the newly-unallocated space on the drive and press the “+” button to create a new disk partition. In the pop-up “Create Partition” dialogue box, we need to establish the parameters for the partition that will hold the Linux operating system. This time, we will set the size for this partition as 38 GB, and select the radio buttons labelled “Logical” and “Beginning of this space”. Finally, we use the drop-down menus to select “Ext4 journaling file system” and “/” (root) as the Mount point. Once again, press “OK” to establish the details for this new disk partition.



Detailed instructions for manual partitioning can be found in the “Tips” section of the Linux North blog

Note that we used all of the unallocated disk space except for 2 GB. We will now set this last portion of the available disk space as a swap area for use by the Linux system. So, once again, click on “free space”. This time, we can leave most of the partition parameters at their default values (e.g. 2033 MB; Logical, and Beginning of this space). The one

<https://linuxnorth.wordpress.com/manual-partitioning-revisited/>

Install

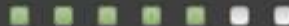
Where are you?



New York

Back

Continue



Who are you?

Your name: Alan



Your computer's name: I7-Inspiron



The name it uses when it talks to other computers.

Pick a username: toaster



Choose a password:

Good password

Confirm your password:



- ☐ Log in automatically
- ☒ Require my password to log in
- ☒ Encrypt my home folder

Back

Continue



GNU GRUB version 2.04

*Linux Mint 20 Cinnamon
Windows (on /dev/sda1)

Use the ↑ and ↓ keys to select which entry is highlighted.
Press enter to boot the selected OS, 'e' to edit the commands

Privacy Online



**Part 5 - Anti-tracking
& ad-blocking software**



**Any other:
Questions
Comments
Shares?**

February Meeting

Getting Started in Genealogical Research

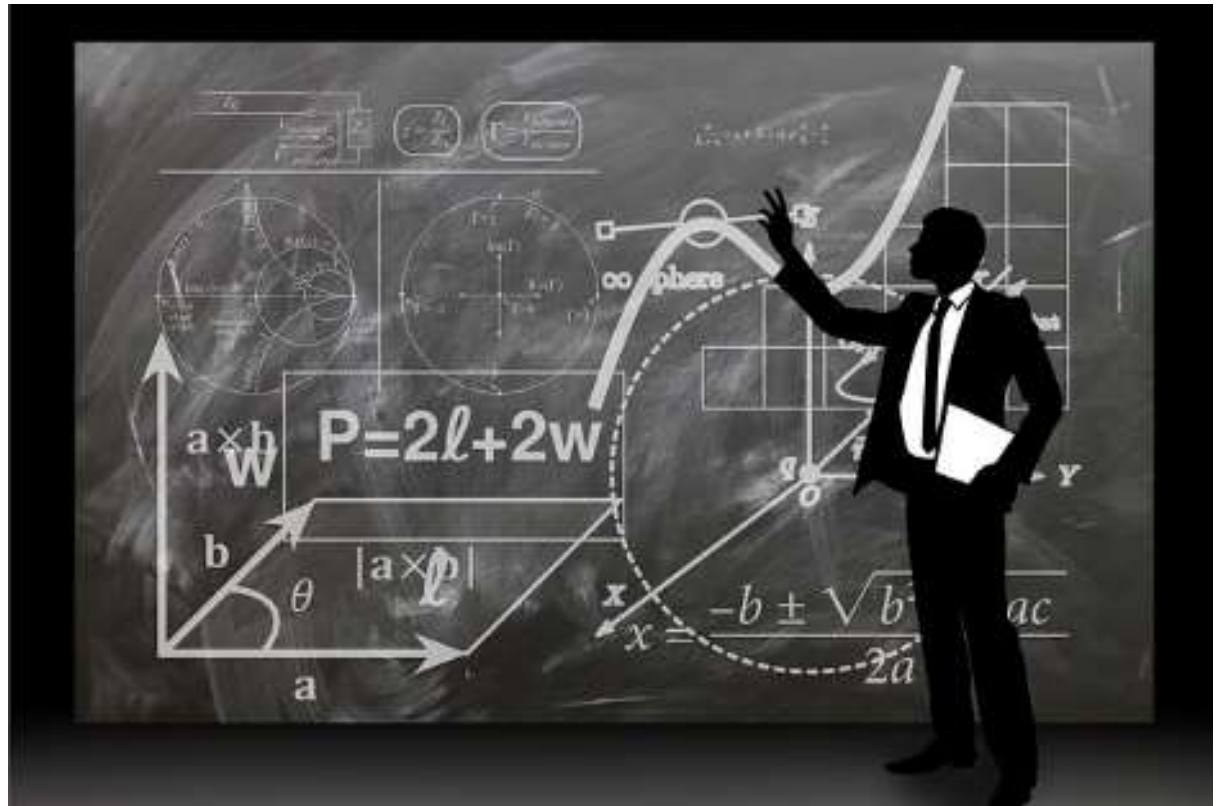
Heather Oakley
and Mike More
*Ottawa branch of the
Ontario Genealogical Society*

February 9, 2022; 7:30 pm



**SPECIAL
OFFER!**

2 for 1



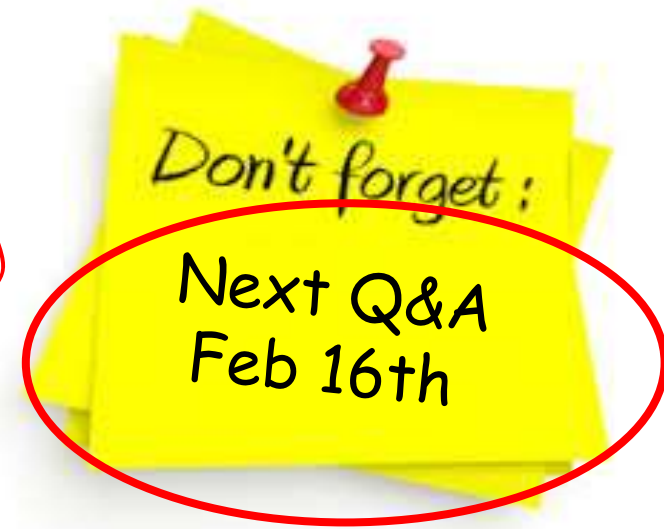
Our membership offer isn't that hard

Buy a one-year membership (\$20) and
get an additional year absolutely free!

(But, only until March 31st)



No Q&A on
February 9
(Monthly Meeting)



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

SuggestionBox@opcug.ca

