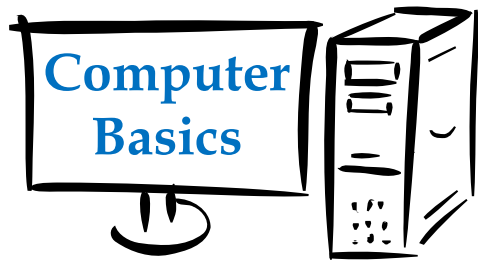




**Alan German & Chris Taylor**  
**Ottawa PC Users' Group**

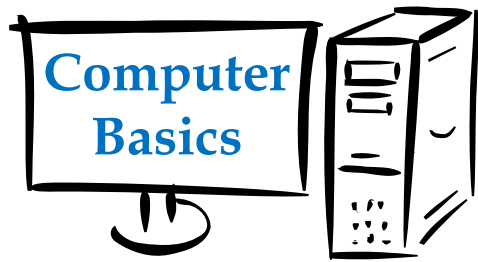
*January 22, 2025*



# Making Rescue Disks - Part 1

- Your computer is working just fine
- Now is the time to make rescue disks!
- Windows Recovery Drive  
*(USB drive, 16 GB Windows 10, 32 GB Windows 11)*
- EaseUS Todo Backup Emergency Disk \*  
*(1 GB+ USB drive)*
- Foxclone and Rescuzilla run from live-USB's and so don't need rescue disks

*\* Make the rescue disk for your disk-imaging program*



# Making Rescue Disks - Part 1

- Your computer is working just fine
- Now is the time to make rescue disks!
- Windows Recovery Drive  
*(USB drive, 16 GB Windows 10, 32 GB Windows 11)*
- EaseUS Todo Backup Emergency Disk \*  
*(1 GB+ USB drive)*
- Foxclone and Rescuzilla run from live-USB's and so don't need rescue disks

*\* Make the rescue disk for your disk-imaging program*


All Apps Documents Settings More ▾



Best match

 **Recovery Drive**  
System

Apps


 MiniTool Power Data Recovery 7.0 >

Settings (7+)




Websites

Search indexing was turned off.

[Turn indexing back on.](#)



**Recovery Drive**  
System

-  Open
-  Run as administrator
-  Open file location
-  Pin to Start
-  Pin to taskbar


Start



recovery Drive





←  Recovery Drive

## Create a recovery drive

Even if your PC can't start, you can use a recovery drive to reset it or troubleshoot problems. If you back up system files to this drive, you'll also be able to use it to reinstall Windows.

Back up system files to the recovery drive.

Next

Cancel



←  Recovery Drive

## Select the USB flash drive

The drive must be able to hold at least 1 GB, and everything on the drive will be deleted.


Available drive(s)

- E:\ (Windows10rescue)
- S:\ (64GBSDcard)

Next

Cancel



←  Recovery Drive

## Create the recovery drive




Everything on the drive will be deleted. If you have any personal files on this drive, make sure you've backed up the files.

Create

Cancel



←  Recovery Drive


### Creating the recovery drive



Copying utilities

Cancel



 Recovery Drive

The recovery drive is ready

Finish

File Home Share View Drive Tools

Clipboard: Pin to Quick access, Copy, Paste, Cut, Copy path, Paste shortcut

Organize: Move to, Copy to, Delete, Rename

New: New folder

Open: Properties, Open, Edit, History

Select: Select all, Select none, Invert selection


This PC > RECOVERY (E:) Search RECOVERY (E:)

	Name	Date modified	Size
Quick access			
original			
articles			
opcug_website_backup			
presentations			
UpdateContacts			
UpdateContacts_Excel			
Dropbox			
This PC			
3D Objects			
Desktop			
Documents			
Downloads			
Music			
2 items			
	EFI	2024-12-23 8:53 AM	
	sources	2024-12-23 8:54 AM	


# How do I boot a Dell Inspiron 15 from a USB drive?

## 🔗 Sources


How to Enable USB Boot Option on Dell Inspiron 15 3000 - YouTube

 youtube

How to Make Dell Boot from USB Windows 11/10 - EaseUS Software

 easeus

How to Enable USB Boot Option on Dell Inspiron 15 NoteBook 7th ...

 youtube



Show all

## 🌟 Answer

To boot a Dell Inspiron 15 from a USB drive, follow these steps:

### Prepare Your System

1. Ensure your bootable USB drive is properly created and connected to the laptop.
2. Shut down your Dell Inspiron 15 completely.

### Access BIOS/Boot Menu

1. Power on your laptop and immediately press F2 to enter BIOS setup <sup>1</sup> <sup>2</sup>.
2. Alternatively, you can **press F12 during startup** to access the one-time boot menu <sup>5</sup>.

# Choose an option



Continue

Exit and continue to Windows 10



Turn off your PC



Use a device

Use a USB drive, network connection,  
or Windows recovery DVD



Troubleshoot

Reset your PC or see advanced options

# ← Troubleshoot



## Reset this PC

Lets you choose to keep or remove your personal files, and then reinstalls Windows.



## Advanced options



# Advanced options



## System Restore

Use a restore point recorded on your PC to restore Windows



## Command Prompt

Use the Command Prompt for advanced troubleshooting



## System Image Recovery

Recover Windows using a specific system image file



## Startup Settings

Change Windows startup behavior



## Startup Repair

Fix problems that keep Windows from loading



## Go back to the previous build

Share

# OUCH! Newsletter



- SANS Institute's free monthly security awareness newsletter
- Explains cybersecurity topics
- Provides actionable steps
  - protect individuals, families, & organizations
- Accessible language for non-technical readers
- Researched by team of security experts
- Short & sweet
  - two pages max
- Read online or subscribe to mailing list

<https://www.sans.org/newsletters/ouch/>

OUCH!

OUCH!  
newsletter for  
January 2025

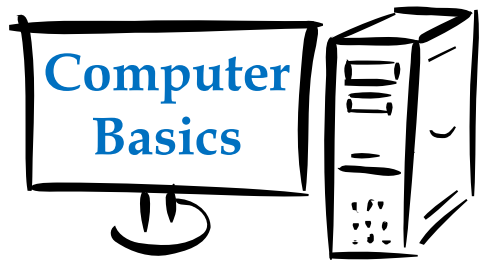
The Monthly Security Awareness Newsletter for You

**Smart Home Devices: Lock Them Down Before Cyber Criminals Do**

*January 2025*

- A Digital Nightmare: Cyber Criminals Inside Your Home
- What Are Smart Home Devices?
- Why Is It So Important to Secure Smart Home Devices?
- Five Things You Can Do to Secure Your Smart Home Devices
  - Change Those Default Passwords Immediately
  - Enable Multi-Factor Authentication (MFA)
  - Give Your Smart Devices Their Own Wi-Fi Network
  - Update, Update, Update
  - Disable Unused Features

<https://www.sans.org/newsletters/ouch/>

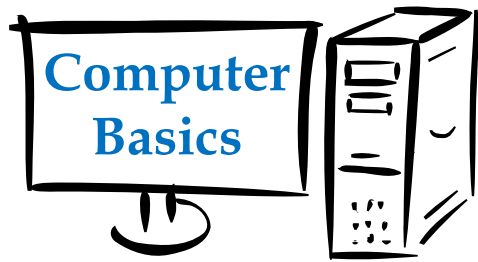


# Accidental shut-downs

- Last laptop: Lenovo Slim Pro 7
- Poor design...*IMNSHO*...placement of power switch

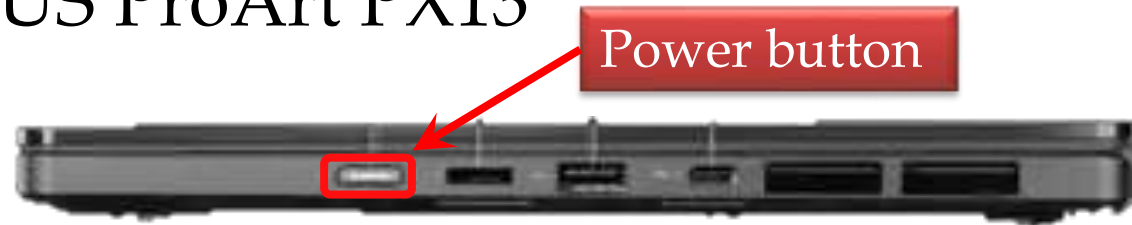


- Several times
  - plugging in devices on left side ports
  - ...bracing laptop from pushing against left side
  - ...accidentally hit the power switch, turning off the laptop

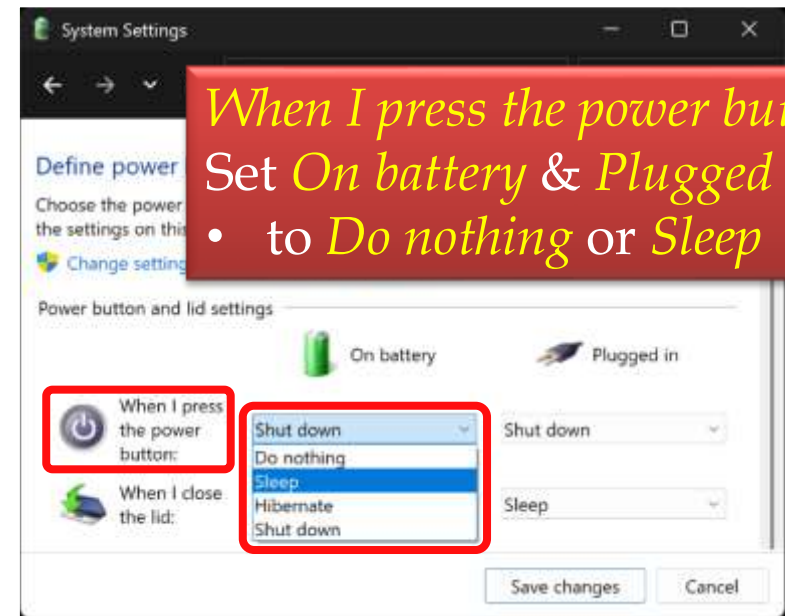
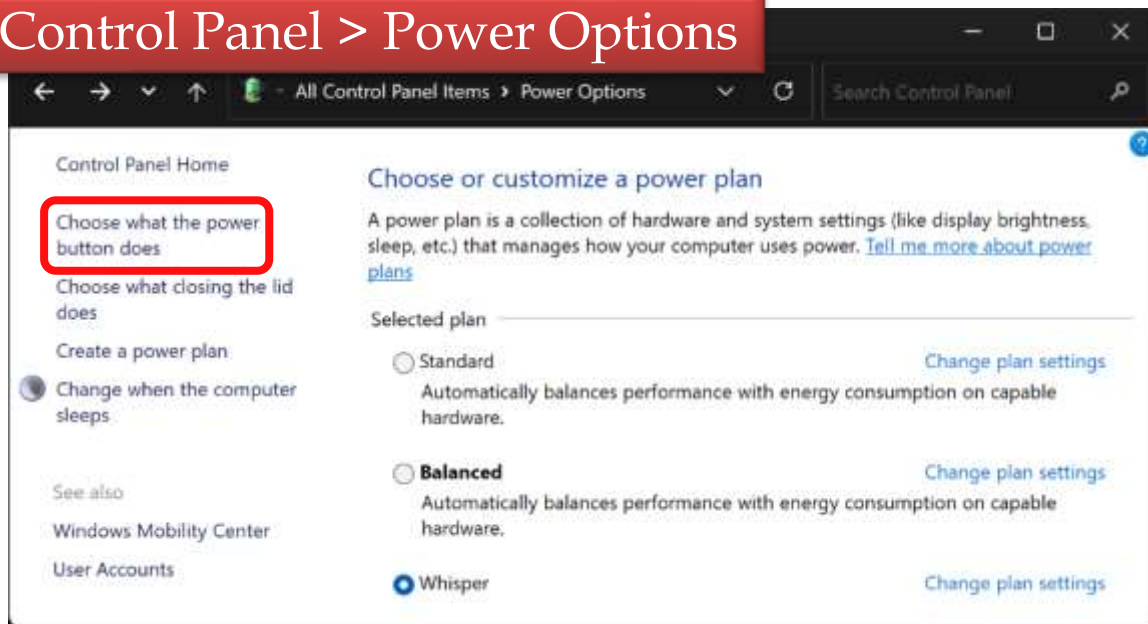


# Fast forward

- Recently bought an ASUS ProArt PX13
  - same poor design
  - power button on side
- While configuring
  - realized Windows can be configured to do different things when the power button is pushed



## Control Panel > Power Options



# OPCUG Accounting with GnuCash

By Jocelyn Doire

*Users helping users*

# Accounts Setup

When starting a new project, GnuCash offers many accounts hierarchy already defined for various scenarios, adaptable to your needs.

**New Account Hierarchy Setup**

### Choose accounts to create

Select categories that correspond to the ways that you will use GnuCash. Each category you select will cause several accounts to be created. Select the categories that are relevant to you. You can always create additional accounts by hand later.

**Categories**

Selected Account Types

- A Simple Checkbook
- Business Accounts
- Car Loan
- CD and Money Market
- Childcare Expenses

Select All Clear All

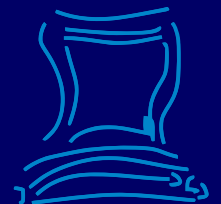
**Accounts in 'A Simple Checkbook'**

- Assets
  - Current Assets
    - Checking Account
- Equity
  - Opening Balances
- Expenses
- Income

**Category Description**

Use this if you just want to balance your checkbook. Later on, you can start tracking income and expenses in more detail if you feel the need.

OPCUG



Users helping users  
for over 40 years

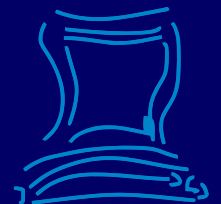
# Accounts - Initial Amounts

At the beginning of a fiscal period, you can enter all the pre-existing amounts using the equity account.

Similarly, you can use the equity account to close the books and to pay business partners.

Accounts		Opening Balances		Checking		PayPal (USD)	
Date	Num	Description		Tot Decrease	Tot Increase	Balance	
2025-01-01	Num	Opening TD checking account		Tot Decrease	518.36	518.36	
			Assets:Bank:Checking	n	518.36		
			Equity:Opening Balances	n		518.36	

OPCUG



Users helping users  
for over 40 years

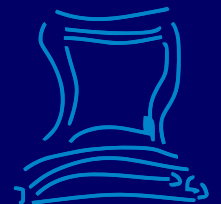
# Undo & Error Corrections

There is no “undo” in GnuCash! In accounting you should not change old data, because if you do, all the reports that were published won't match anymore the books, making transparency a problem and an audit a lot harder.

Instead, create a new transaction with the correction, documenting what was changed, and why.

Having said that, you can still change old records, but be careful of what it will do.

OPCUG



*Users helping users*  
for over 40 years

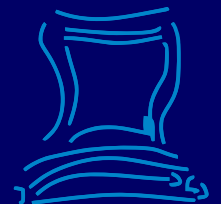
# Splits

Many transactions involves multiples parts, for example when receiving money on PayPal you need to pay fees, it's recorded using splits.

Note that the totals must balance, if not, you will get a new account called "imbalance-CAD".

2024-12-02		PayPal - Demo			382.97		382.97
			Assets:Bank:PayPal (USD)	n	382.97		
			Expenses:Bank Fees:PayPal Fee	n	15.03		
			Income:Customer:demo	n		397.00	
			Imbalance-CAD	▼	Deposit	1.00	
		Action	Memo				

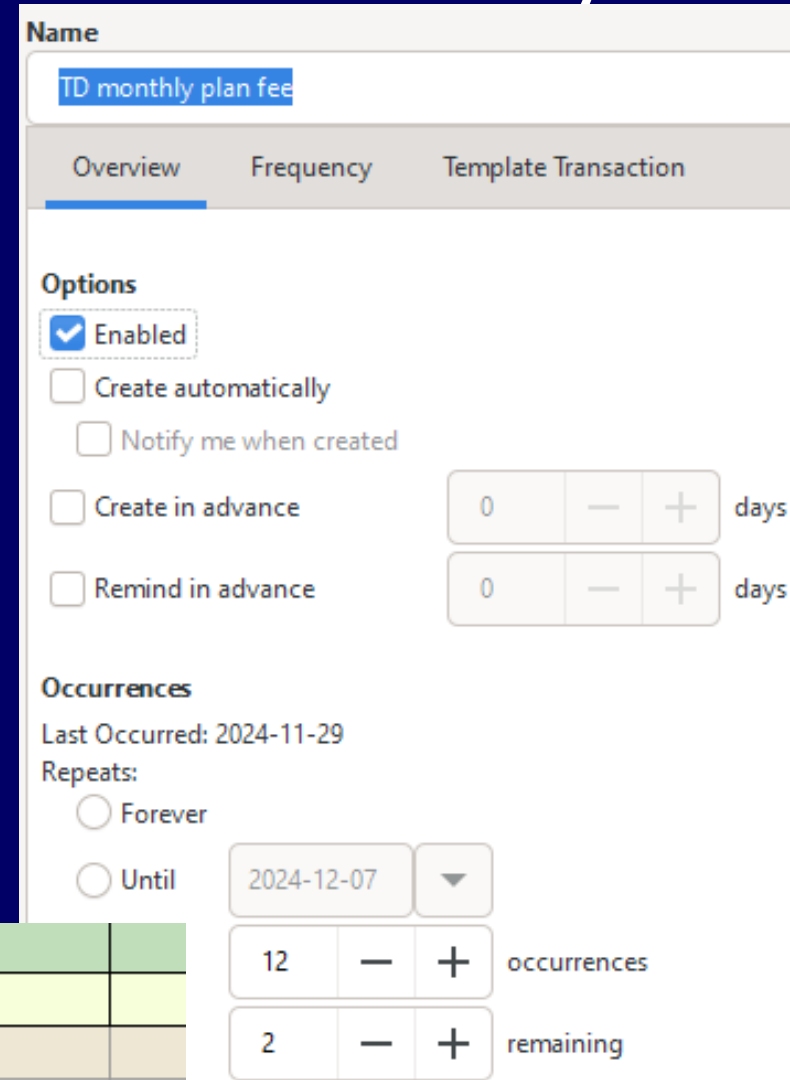
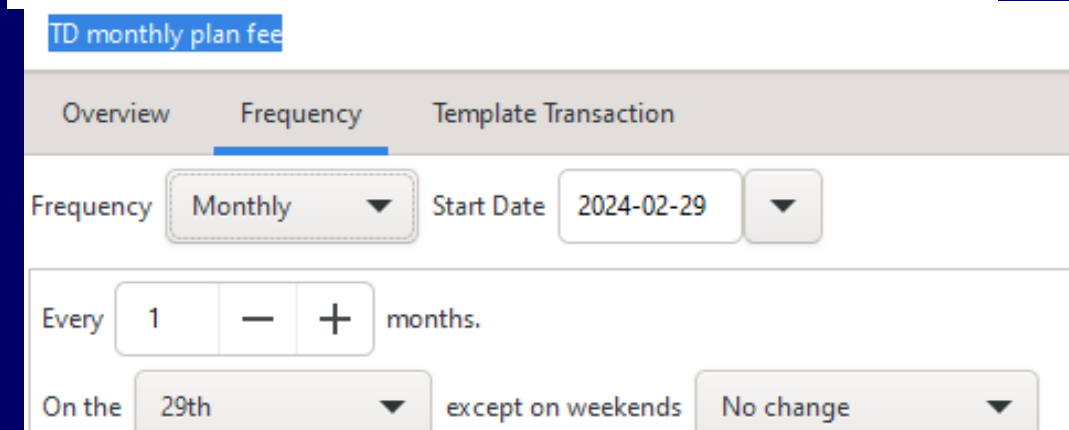
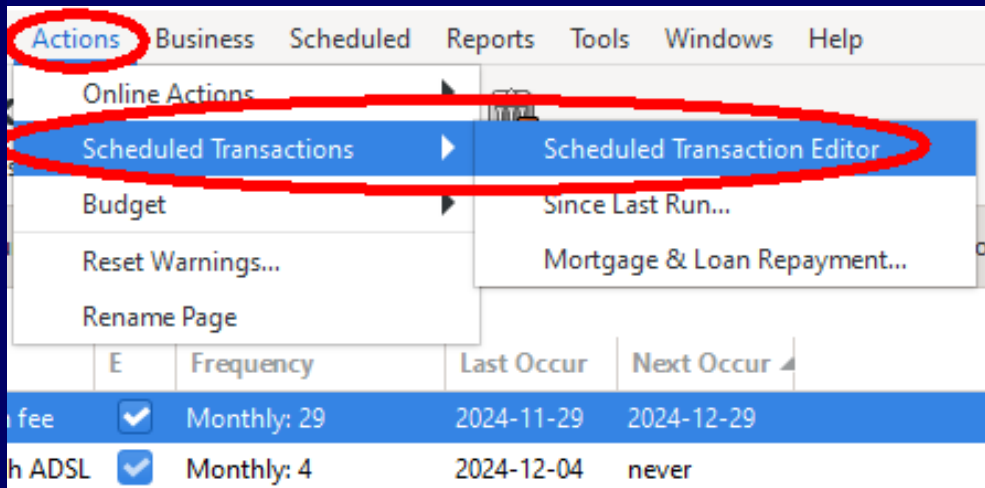
OPCUG



Users helping users  
for over 40 years

# Scheduled Transactions

Recurrent transaction such as bank fee at end of the month can be entered automatically.



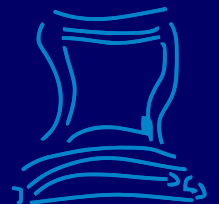
Scheduled		TD monthly plan fee			
			Expenses:Bank Fees:TD Fee	n	5.00
			Assets:Bank:Checking	n	5.00

# Foreign Currency

When dealing with customers all over the world, it's often more convenient to display your prices in US\$ on your web site and get paid in US\$, but it's best to keep all your accounting in CA\$, except for the bank with the US\$ funds.

Warning: GC stores dollars and cents on both sides, to avoid rounding errors, enter the amounts on the larger value side, for example CA\$ if using US\$.

OPCUG



*Users helping users*  
for over 40 years

# Foreign Currency

Accounts can be set to any currency, and when entering a transaction, GC will ask you to enter the exchange rate or amount.

New Account - Assets:Bank:PayPal (USD)

General More Properties Opening Balance

Identification

Account name PayPal (USD)

Account code

Description

Parent Account

Account Type Asset

Security/currency USD (US Dollar) **Select...**

Smallest fraction Use Commodity Value

Select currency

Namespace Currencies

Currency USD (US Dollar)

Cancel

Transfer From Currency CAD (Canadian Dollar)

Transfer To Currency USD (US Dollar)

Currency Transfer

Exchange Rate 38297/50826 1 CAD = 0.753492 USD **Fetch Rate**

To Amount 382.97 1 USD = 1.327154 CAD

Account Name	Commodity	Description
Assets	Canadian Dollar	Assets
Bank	Canadian Dollar	Bank
Checking	Canadian Dollar	TD Checking Account
PayPal (CAD)	Canadian Dollar	PayPal (CAD)
PayPal (USD)	US Dollar	PayPal (USD)

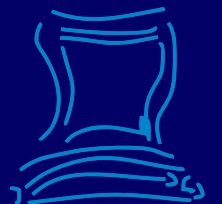
# HST

What account should be used for HST?

1) Expense    2) Liability    3) Income

As a business you're required to collect HST from customers in Canada and to send it to the government 4 times a year. Similarly, in reverse, HST that you pay will be refunded 4 times a year. Business don't pay nor earn HST.

OPCUG



*Users helping users*  
for over 40 years

# HST

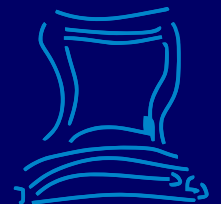
When you collect HST, you record it into a liability account. When you pay HST, you also record it into the same liability account, That account can be positive or negative, but will be zeroed out every 3 months.

2024-08-09	Num	Call to Denmark - JVL - JVL240719 - 2 x CAT5-M-100m-S + Shiplnt			0.13	Tot Increase
			Expenses:Phone	n	0.99	
			Liabilities:GST/HST		0.13	
			Liabilities:Jocelyn	n		1.12

2024-03-18	Num	PayPal - - CAT6-M-100m-S + Tax			Tot Decrease	13.05
		US\$199	Assets:Bank:PayPal (USD)	n	265.72	
			Expenses:Bank Fees:PayPal Fee	n	8.34	
			Liabilities:GST/HST	n	13.05	
		1 x US\$199 + US\$9.95 = US\$208.95 @265.72/202.59	Income:Customer:	n	261.01	

This is a complex transaction, careful to enter the data in the correct column. If the numbers are entered correctly, it will balance out. Even though the payment was done in US\$, it's displayed in CA\$.

OPCUG



Users helping users  
for over 40 years

# Business - Bills & Invoices

What are the accounts you should use for an invoice you sent to a customer?

1) Income 2) Liability 3) Asset

As a business, the invoices you send to a customer or the bills you get, often don't get paid immediately, you typically get a 30 days due date, and if not done in time, late fees.

OPCUG



*Users helping users*  
for over 40 years

# Business - Bills & Invoices

Bills and invoices are almost identical. First, create a new vendor/customer: enter their name, address, phone, etc.

The screenshot shows the 'Business' menu highlighted in red, with the 'New' icon also circled in red. Below the menu, a table lists a customer named 'Demo' with ID '000003' and address 'Ottawa'. An 'Edit Customer - Demo (000003)' window is open, showing fields for Customer Number (000003), Company Name (Demo), and an 'Active' checkbox.

Company Name	Customer Number	Address 1
Demo	000003	Ottawa

**Customer Information**

Customer Number: 000003  
Company Name: Demo  
 Active

**Billing Address**

Name: OPCUG  
Address: Ottawa

The screenshot shows the 'New Vendor - Demo' form. The 'Vendor' tab is selected, showing fields for Vendor Number, Company Name (Demo), and an 'Active' checkbox. The 'Payment Address' tab is also visible, showing fields for Name (OPCUG) and Address (Ottawa).

**Vendor Information**

Vendor Number:   
Company Name: Demo  
 Active

**Payment Address**

Name: OPCUG  
Address: Ottawa

OPCUG



Users helping users  
for over 40 years

# Business - Bills & Invoices

Once the bill or invoice is done, post & print it, it will be added to expense & liability payable or income & asset receivable

The screenshot displays a software interface for managing business bills and invoices. The main window has a menu bar (File, Edit, View, Actions, Business, Reports, Tools, Windows, Help) and a toolbar with buttons for Save, Close, New, Edit, New Invoice (circled in red), Customer Listing, and Process Payment. Below the toolbar is a window title bar with tabs for Accounts, Invoice, Demo, Customers (circled in red), and Edit Invoice. The main area shows a table with columns for Company Name, Customer Number, Address 1, Address 2, and Phone. The current record is Demo, 000003, Ottawa.

An 'Edit Invoice - 000001' dialog box is open, showing the following information:

- Invoice Information:** Type: Invoice, Invoice ID: 000001, Date Opened: 2024-12-13.
- Billing Information:** Customer: Demo, Job: , Billing ID: Demo 2 PO#, Terms: None.

The 'Entries' table at the bottom shows the following data:


Date	In	Description	Action	Income Account	Quantity	Unit Price	Disc
2024-12-13		Demo 2	Action	Income:Demo	1.00	299.00	%

# Business - Format Invoice/Bill

Many options are available to format invoices and bills, for example by adding a logo, what items are displayed, CSS & more.

Invoice #000001

**OPCUG**



Users helping users  
for over 40 years

Demo  
OPCUG  
Ottawa

Invoice in progress...  
Reference: Demo 2 PO#  
Terms: NET 15 Days from Date of Reception

Date	Description	Action	Quantity	Unit Price	Dis
2024-12-13	Demo 2		1.00	\$299.00	
<b>Net Price</b>					
<b>Tax</b>					
<b>Total Price</b>					
<b>Amount Due</b>					

Thank you for your patronage!

Printable Invoice

Display    Display Columns    General    **Layout**

Row 1 Left: Picture



Row 1 Right: Invoice date, due date, billing ID, terms, job details

Row 2 Left: Client or vendor name, address and ID

Row 2 Right: Company name, address and tax-ID

Row 3 Left: Empty space

Row 3 Right: Today's date

Picture Location:  opcug40years200.png  Clear

CSS  
.invoice-details-table > table { padding: Upx; text-indent: U.  
img {width:100px}  
@media print { .main-table > table { width: 100%; }}

CSS code. This field specifies the CSS code for styling the invoice. Please see the exported report for the CSS class names.

# Business - Bills & Invoices

Once posted, you can view your data many ways, and click on the links for more details

## Customer Report: [Demo](#)

Question

Do you really want to post the invoice? Demo  
 OPCUG  
 Ottawa  
 Date Range: 2024-01-01 - 2024-12-13

Post Date: 2024-12-13

Due Date: 2024-12-20

Description:

Post to Account: Assets:Invoice ✂

Accumulate Splits?

[Cancel](#)

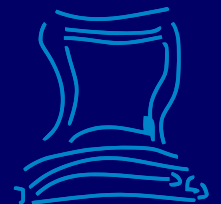
Date	Due Date	Reference	Type	Description	Debits	Credits	Balance
2024-12-08			Payment			<a href="#">\$2,093.00</a>	-\$2,093.00
2024-12-08	2024-12-23	<a href="#">Demo 1</a>	Invoice		<a href="#">\$2,093.00</a>		\$0.00
2024-12-13	2024-12-20	<a href="#">000001</a>	Invoice		<a href="#">\$299.00</a>		\$299.00
<b>Period Totals</b>					<b>\$2,392.00</b>	<b>\$2,093.00</b>	<b>\$299.00</b>
<b>Total Due</b>					<b>\$299.00</b>		

Pre-Payment	Current	0-30 days	31-60 days	61-90 days	91+ days	Total
\$0.00	\$299.00	\$0.00	\$0.00	\$0.00	\$0.00	\$299.00

## Customer Listing - 2024-12-13

Company	Pre-Payment	Current	0-30 days	31-60 days	61-90 days	91+ days	Total
<a href="#">Demo</a>	\$0.00	\$299.00	\$0.00	\$0.00	\$0.00	\$0.00	<a href="#">\$299.00</a>
<b>Total</b>	<b>\$0.00</b>	<b>\$299.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$299.00</b>

OPCUG



Users helping users  
for over 40 years

# Business - Due & Payments

When opening a file, you're reminded of what is due, and can process those payments.

**Due Invoices Reminder**

The following 2 customer documents are due:

Due	Company	Type	Amount
2024-12-20	Demo	Invoice	299.00
2024-12-23	Demo	Invoice	2,093.00

View/Edit Invoice

Process Payment

Close

**Process Payment**

Partner: Customer  Select...

Post To: Assets:Invoice

Documents

Date	Number	Type	Debit	Credit
2024-12-08	Demo 1	Invoice	2,093.00	
2024-12-13	000001	Invoice	299.00	

Transaction Details

Date: 2024-12-18

Amount (\$):

Payment: 299.00

Refund: 0.00

Transfer Account

- Assets
- Bank
  - Checking
  - PayPal (CAD)
  - PayPal (USD)
- Equity

# New Year

At the end of the year, you can continue with the same file and change the accounting period, or start a new file with the same set of accounts.

The screenshot shows the GnuCash Preferences dialog box with the 'Accounting Period' tab selected. The 'Start Date' is set to 'Absolute' with the date '2024-01-01'. The 'End Date' is also set to 'Absolute' with the date '2024-12-31'. The 'Summarybar Content' section has both 'Include grand total' and 'Include non-currency totals' checked.

Overlaid on the preferences is the 'File' menu, which is open. The 'Export' option is highlighted, and a submenu is visible showing 'Export Accounts' as the selected option. Other options in the File menu include 'New File', 'Open...', 'Import', 'Save', 'Save As...', 'Revert', 'Print', 'Page Setup', 'Properties', and a list of open files: '1 2024.gnucash' and '2 BBQ.gnucash'.

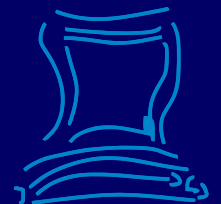
In the background, a window titled 'Demo' is visible, showing a table with a 'Total' column and a value of '\$7,026.90'.

	Total
	\$7,026.90
	\$7,026.90
Account	\$7,026.90

# Conclusion

I didn't know much about accounting when I started using GnuCash, but after studying the tutorials and using it for years, I now understand a lot better its principles, and got a much greater respect for all the accountants out there. Recording all those transactions takes real discipline and real work, but when it's done properly, you should get a much clearer picture of your finances, and have trust that they are accurate and complete.

OPCUG



*Users helping users*  
for over 40 years

# OPCUG



**Q & A**

By Jocelyn Doire

*Users helping users*

**My New  
Secret  
Weapon  
for**

**Easy Photo  
Editing**



# The Problem – Photo Editing Woes

---

Fancy photo software  
is too complicated

---

Simple edits  
shouldn't be hard

---

We need an easier  
way



# Quick Fixes

my “Old Online Tool” *was*



**Cleanup.pictures**

**Remove any unwanted  
object, defect, people or  
text from your pictures in  
seconds**



# Quick Fix for Backgrounds



Upload Image

or drop a file,  
paste image or URL

## Remove Image Background

Thank you  
Chris



# “Microsoft Paint adds AI feature that erases unwanted objects in images!”

**NEWS**

**Jan 14, 2025**



**PCWorld**

<https://www.pcworld.com/article/2576624/microsoft-paint-adds-ai-feature-that-erases-unwanted-objects-in-images.html>

**“Microsoft added AI to software it has barely touched since 1985. The results are astonishing”**

“MS Paint? It’s one of the simplest applications Microsoft produces and has changed little since it was introduced in 1985. It’s as rudimentary as it gets...”



# Windows 11 Users

You should  
already have  
the AI  
Generative  
Eraser Update

(for Microsoft  
Paint)

“**Windows 10 Users** *should* be able to get the **Generative AI Erase feature** in the **Microsoft Photos app...**”

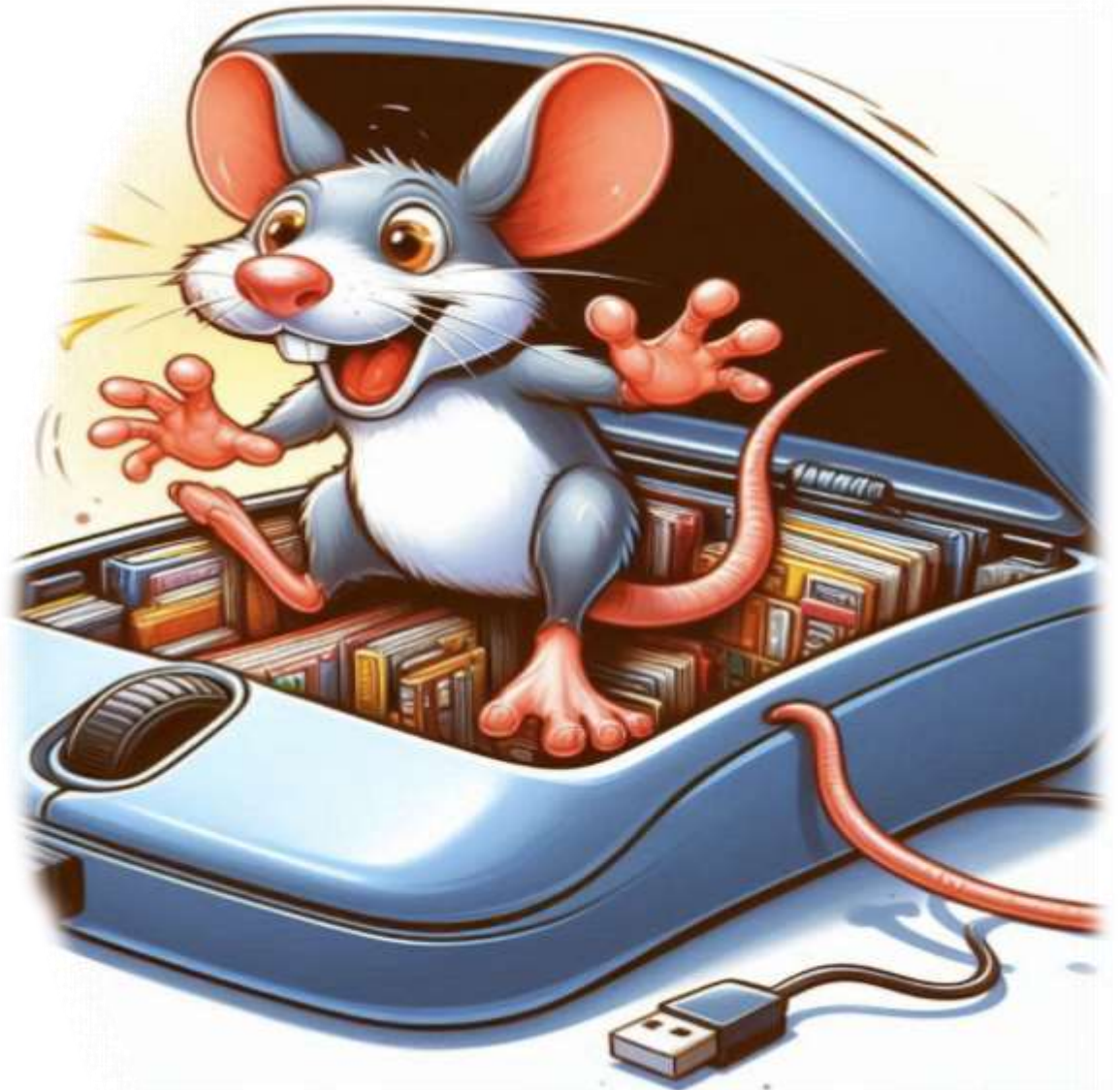
Update the Microsoft Photos app to version 2024.11020.21001.0 or higher

Check for updates in the Microsoft Store for the Photos app



# My Mouse Problem...

- I'm feeding it cheese daily
- I'm running out of cheese
- I need a solution



I knew you wouldn't believe me, so I took this photograph.

---

I'll be using the **AI Powered Generative Eraser in Microsoft Paint** to Remove this Mouse



# How to Use Generative Erase in MS Paint

---

- Open Microsoft Paint
- Select Generative Erase
- Click on the unwanted object
- Watch it Disappear!



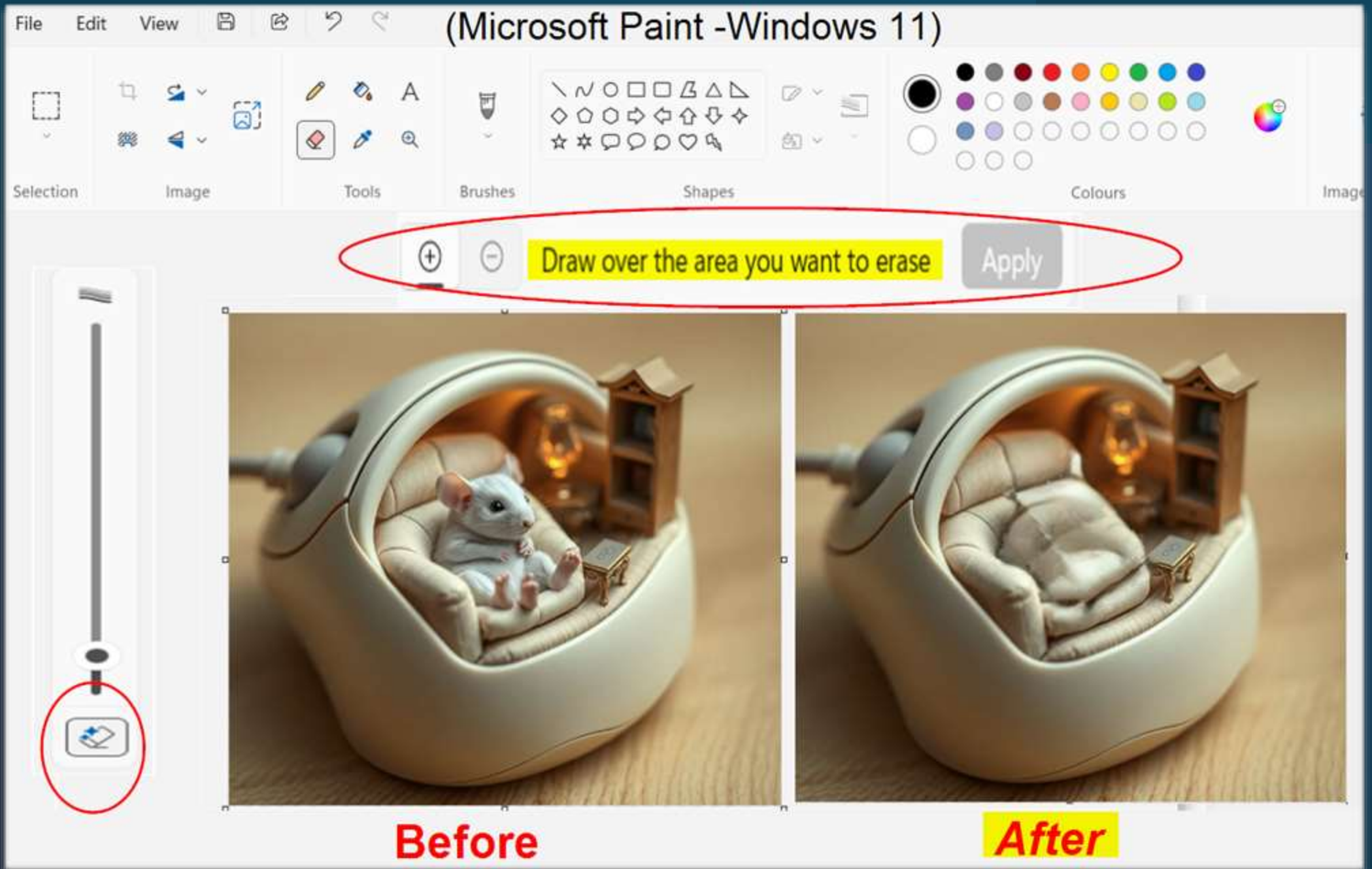
# Yes, it Really is this Easy!

File Edit View (Microsoft Paint -Windows 11)

Selection Image Tools Brushes Shapes Colours Image

Draw over the area you want to erase Apply

Before After



The image shows a screenshot of the Microsoft Paint application interface. The title bar reads "(Microsoft Paint -Windows 11)". The ribbon includes tabs for Selection, Image, Tools, Brushes, Shapes, Colours, and Image. The Eraser tool is selected, and its options are visible: a plus sign, a minus sign, a yellow highlight box containing the text "Draw over the area you want to erase", and an "Apply" button. A red oval highlights the plus and minus signs. Below the ribbon is a vertical slider for the eraser's opacity, with a red oval around the eraser icon at the bottom. The main canvas displays two side-by-side images of a computer mouse. The left image, labeled "Before", shows a white mouse with a small white mouse figurine sitting inside. The right image, labeled "After", shows the same mouse but with the figurine removed. The word "Before" is written in red below the left image, and "After" is written in red on a yellow background below the right image.

All you to do is Point

It will  
Disappear!



Before

After

**A rare photograph of  
my parents  
on their  
way to  
school**



Microsoft  
Paint  
Generative  
AI Erase



60  
Seconds



**A rare photograph of  
my parents  
on their  
way to  
school**



**Here they are  
going  
back  
home**



**Why  
You'll  
Love This  
Tool**



**No Learning Curve**

**Free with  
Windows**



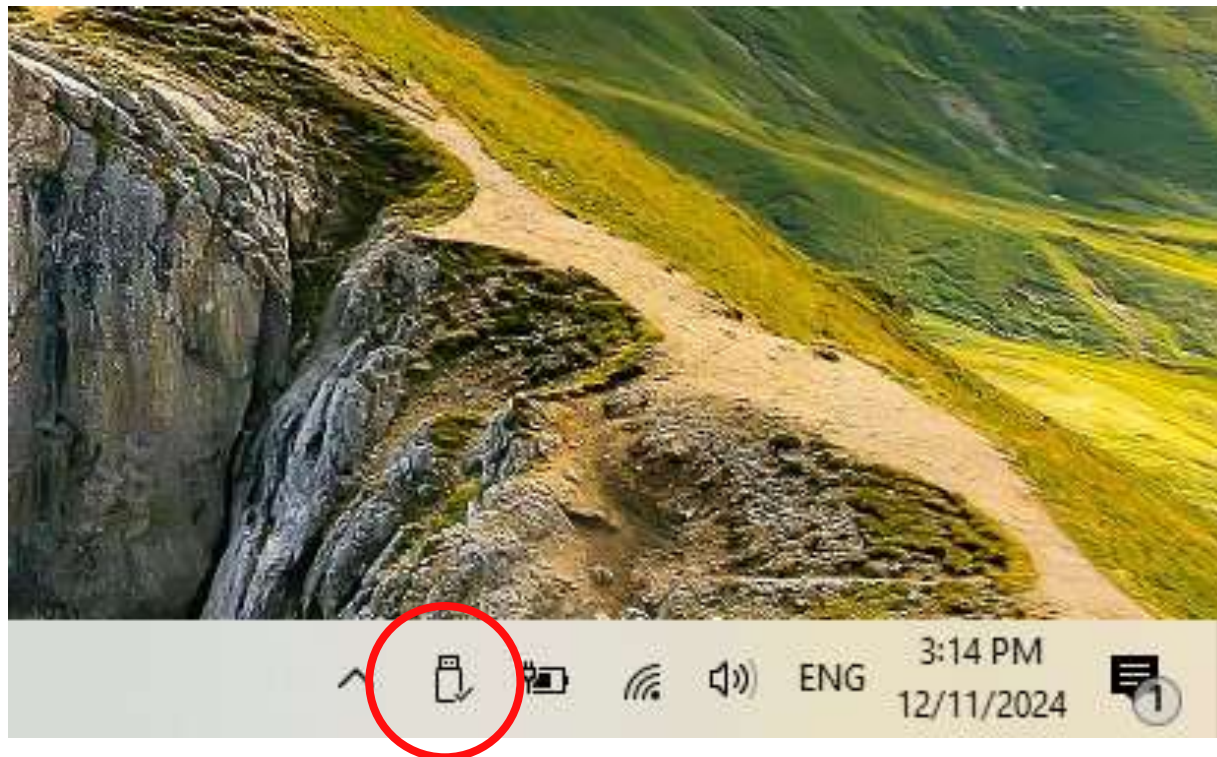
**Microsoft Paint  
now includes  
Generative AI Erase**

Share

# Safely ejecting a USB drive

Click on the icon to:

*Safely Remove Hardware and Eject Media*



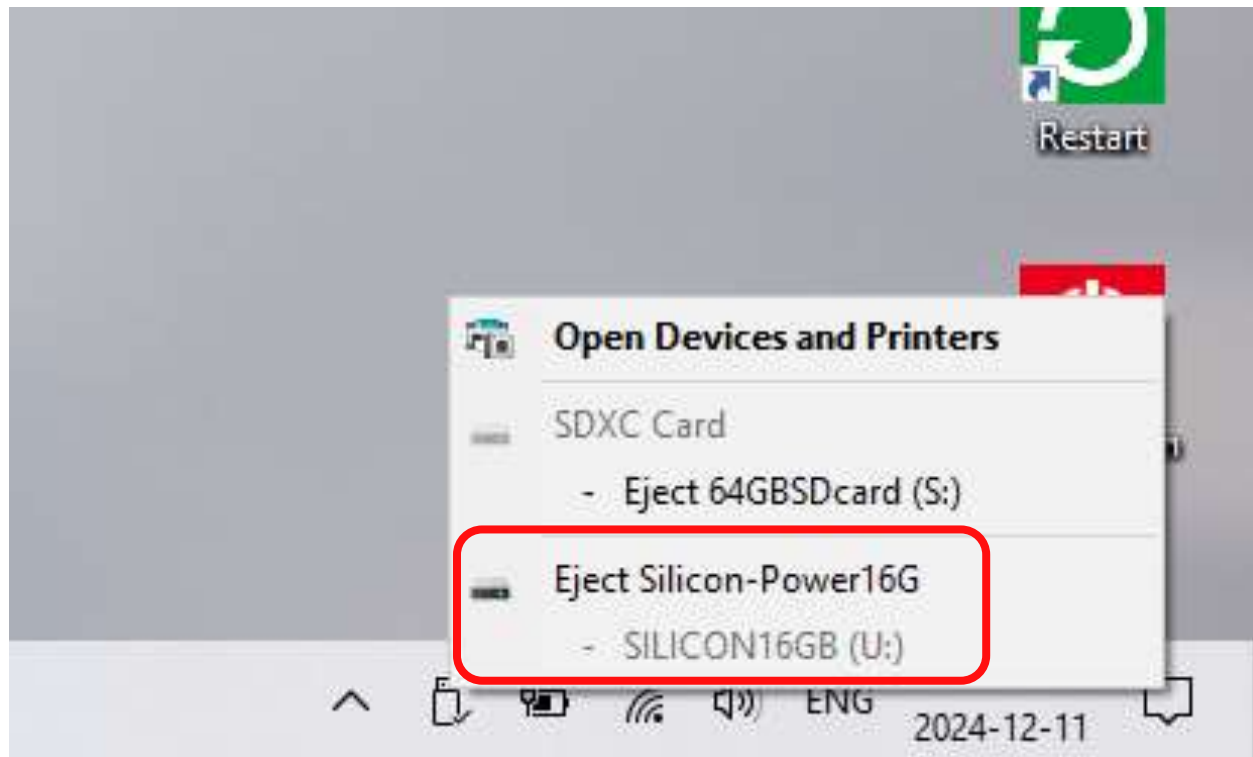
Select the USB drive to be ejected



# Notification indicates safe to remove



# Regular user's account



No notification !



# Safely Remove Hardware and Eject Media fails to display a notification

[Edit Query](#)

## Sources


6 Proven Fixes for Safely Remove Hardware Icon Missing

 minitool

Safely remove hardware in Windows - Microsoft Support

 support.microsoft

USB Safe to remove Notification missing - Microsoft Community

 answers.microsoft



Show all

## Answer

The "Safely Remove Hardware and Eject Media" notification may be missing due to several reasons. Here are some solutions to fix this issue:

- Check notification settings
- Restart Windows Explorer
- Enable related services
- Update or roll back USB drivers
- Check Group Policy settings



write a batch file for windows to safely eject USB drive U: and display a message indicating success or failure as the the result

## 🔗 Sources

BATCH FILE: Force Eject Drives - Tech Untangler

 techuntangler.freshd...

How to Generate Popup Messages in Batch Files

 robvanderwoude

Batch file to eject USB External Drive that is "in use" - Stack Overflow

 stackoverflow



Show all

## ✦ Answer

Here's a batch file to safely eject USB drive U: and display a message indicating success or failure:

text

```
@echo off
echo Attempting to safely eject USB drive U:...

rem Attempt to eject the drive using RemoveDrive
RemoveDrive U: -L
```

```
if %errorlevel% equ 0 (
```

```
echo USB drive U: has been safely ejected
```

## Drive Tools for Windows

[Home](#)

 [German version of this page](#)

### Licence

All tools on this page work under Windows 2000 and higher. They are Freeware.

Allowed:

- usage in any environment, including commercial
- include in software products, including commercial
- include on CD/DVD of computer magazines

Not allowed:

- modify any of the files
- offer for download by means of a "downloader" software

I don't ask for donations but some users insist, so:

[PayPal](#)

### RemoveDrive V3.4.5 - Safe removal of drives

RemoveDrive prepares drives for "Safe Removal" [by commandline](#). It works with drives only. For other device types there is [DevEject](#) by Matthias Withopf.

```
RemoveDrive DriveSpec: [-v][-d][-l][-t][-f][-vhd][-h][-a][-b][-i][-s][-w:nnnn][-na]
```

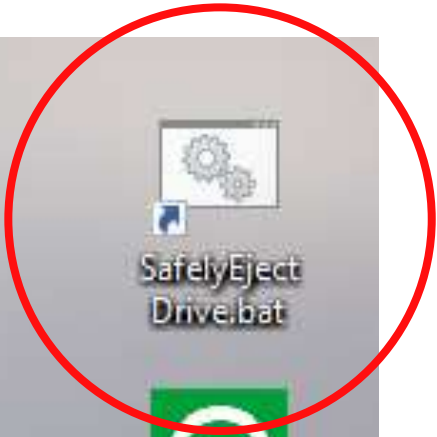
```
DriveSpec is the drive to remove, e.g. U: or an NTFS mountpoint as
"C:\CardReader\Multi Reader SD"
or . for the current drive
or \ for the drive of the RemoveDrive.exe
or a volume name like \\?\Volume{433619ed-c6ea-11d9-a3b2-806d6172696f}
or a kernel name like \Device\HarddiskVolume2 (Volume)
or a kernel name like \Device\Harddisk2\DR0 (Disk)
or a partition name like \Device\Harddisk2\Partition1
```

[https://www.uwe-sieber.de/drivetools\\_e.html](https://www.uwe-sieber.de/drivetools_e.html)

```
D:\bats\SafelyEjectDrive.bat - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
SafelyEjectDrive.bat

1 rem Safely eject USB Drive U: using the RemoveDrive utility from Uwe Sieber's website
2 rem https://www.uwe-sieber.de/drivetools e.html
3
4 @echo off
5 mode con: cols=120 lines=30
6 color 0F
7 title USB Drive Ejection
8
9 echo Attempting to safely eject USB drive U:
10 echo.
11
12 powershell -Command "& { $output = & 'C:\Windows\System32\RemoveDrive.exe' U: -L; if
($LASTEXITCODE -eq 0) { Write-Host 'USB drive U: has been safely ejected. Please wait for the
system to confirm it's safe to remove the device.' -ForegroundColor Green } else { Write-Host
'Failed to eject USB drive U:. Please ensure all files are closed and no programs are using the
drive.' -ForegroundColor Red } }"
13
14 echo.
15 echo Press any key to exit...
16 pause >nul
17

Batch file length : 729 lines : 17 Ln : 12 Col : 1 Pos : 273 Windows (CR LF) UTF-8 INS
```



SafelyEject  
Drive.bat



Restart



Shut Down

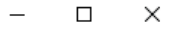


ENG

3:19 PM  
2024-12-11



USB Drive Ejection



Attempting to safely eject USB drive U:

USB drive U: has been safely ejected. Please wait for the system to confirm it's safe to remove the device.

Press any key to exit...

USB Drive Ejection



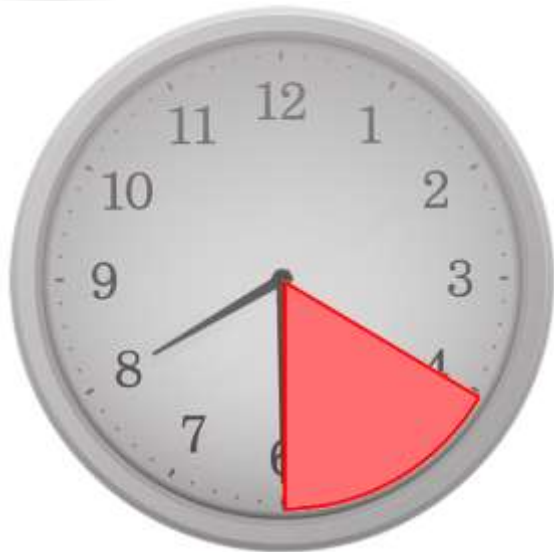
Attempting to safely eject USB drive U:

Failed to eject USB drive U:.. Please ensure all files are closed and no programs are using the drive.

Press any key to exit...



**Any other:  
Questions  
Comments  
Shares?**



# One-on-One Remote Assistance



**One-on-One  
Remote Assistance**  
(members only) \*

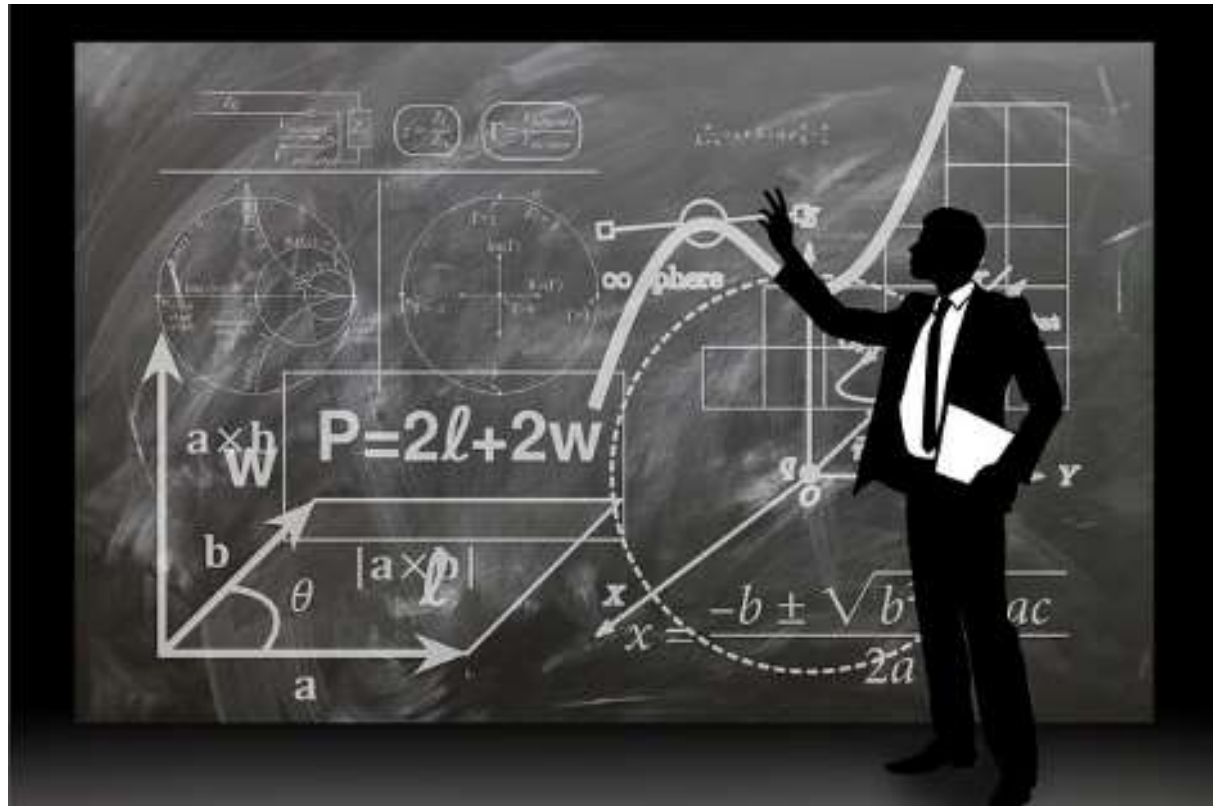
- The details of our **One-on-one remote assistance programme** are posted at:  
  
<https://opcug.ca/one-on-one-remote-assistance/>
- If you need help on any computer-related issue, send a request for assistance to:

[1on1request@opcug.ca](mailto:1on1request@opcug.ca)

\* <https://opcug.ca/join-or-renew/>

**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 31<sup>st</sup>)

# Already an OPCUG Member?



**Do not renew your membership !**

Your membership expiry date will be extended by another year at no cost



## OPCUG PRESENTATIONS AT THE OTTAWA PUBLIC LIBRARY

### **Quick PC Tips: Enhancing capabilities and performance with free tools**

Chris Taylor

Centennial, Thursday Jan 23, 2025 at 2:00pm

### **Whoa, backup!**

Chris Taylor

Manotick, Tuesday Jan 28, 2025 at 6:00pm

### **Keeping passwords safe with Chris Taylor**

Rockcliffe Park, Thursday Jan 30, 2025 at 5:30pm

<https://bibliottawalibrary.ca/en/program?text=pc+users>

# February Meeting



## How to Buy a PC

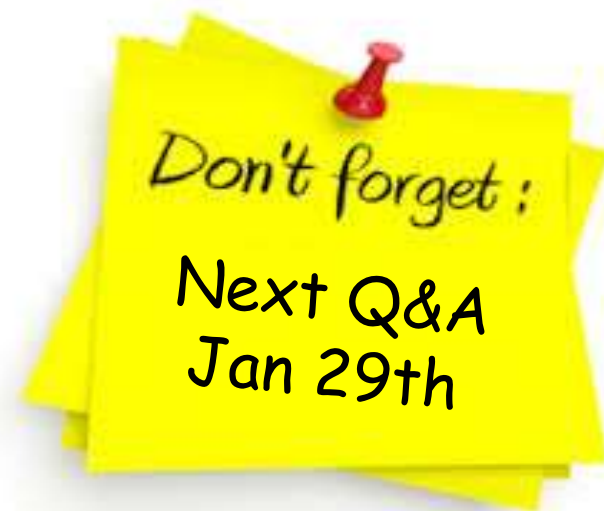
**Chris Taylor (OPCUG)**

**February 12, 2025**

**7:30 pm**



Chris Taylor



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

**[SuggestionBox@opcug.ca](mailto:SuggestionBox@opcug.ca)**