MUUGLines

The Manitoba UNIX User Group Newsletter

Volume 39 No. 4, December 2026 Editor: Bradford C. Vokey

Next Meeting: December 1st, 2026 *** Pot-Luck Meeting! ***

As 2026 draws to a close, MUUG will continue it's tradition of turning the December meeting into more of a social event.

This will be a pot-luck snack event



Members are encouraged to bring their own food to sample and share with others. Feel free to bring your own special drink as well – just remember that we don't have a liquor license!

Bring your favorite gadget



Bring your favourite gadget! We will have the usual (brief) round-table session, a gadget show & tell, and then have some time for mingling, eating, and drinking.

Entry Log Book

To support WSC operations, we ask all guests to sign the log book provided by WSC as you enter the meeting space. They have been very generous in providing MUUG space to hold their meetings, and respectfully appreciate the log book signing.



Help us promote this month's meeting, by promoting this poster on your workplace bulletin board or other suitable public message board:

https://muug.ca/meetings/MUUGmeeting.pdf

The latest meeting details are always at:
https://muug.ca/meetings/

Where to Find the Meeting:

Winnipeg Senior Citizens Radio Club
598 St. Mary's Rd. Winnipeg, MB.



Unlike previous years, MUUG will hold this December's pot-luck event at the Winnipeg Senior Citizens Radio Club (WSC).

WSC is located at 598 St. Mary's Road, 2nd Floor, a block South from the St. Mary's / St. Anne's fork, on the West side beside the Miller's Meats. It's in the old fire hall, so you really can't miss it! Look for the red doors.

The meeting space is on the **2nd floor** and there is no elevator, so attendees will have to be able to climb 1 flight of beautiful character style stairs. Apologies to anyone requiring accessibility.

Please Remove Your Footwear

To keep the carpets clean and dry please remove your outdoor footwear at the top of the stairs.

Please feel free to bring your own comfortable indoor slippers.

Meet Your New Board

The MUUG Board for the 2026-2027 year was elected by acclamation at the November general meeting.

Your MUUG board now consists of 8 members:

1. Kevin Abedi
2. Trevor Cordes
3. Gilbert Detillieux
4. Kevin McGregor
5. Tyhr Trubiak
6. Brad Vokey
7. Ken Wong
8. Wyatt Zacharias

A big thank you to all the nominees who let their names stand for election ***and an enthusiastic welcome to our newest board member Ken Wong.***

Board Positions

Your new board held their first board meeting on November 10th, and as our old executive team doesn't seems to be currently dating any Chinese spies, they elected the same executive officers for the 12th year in a row:

President:	Wyatt Zacharias,	BDFL
Vice-President:	Trevor Cordes,	SAW
Secretary:	Gilbert Detillieux,	BQN
Treasurer:	Brad Vokey,	FPOAFSE

BDFL (Benevolent Dictator for Life)
SAW (Server Abuse Watchdog)
BQN (Balanced Quote Necessitator)
FPOAFSE (Five Pence of a Further Sixpence Examiner)

We also appointed the following *unofficial officers*:

Stand-In Social Media Ninja:	Brad Vokey
Door Prize Don:	Trevor Cordes

Banking Committee: Brad Vokey, Gilbert Detillieux, Kevin McGregor, and Wyatt Zacharias.

Server Committee: Trevor Cordes, Gilbert Detillieux, and Wyatt Zacharias.

The new board looks forward to serving you over the next year. If you have any questions or requests, feel free to send an email to <board@muug.ca>.

Food Bank Donations Requested

As in previous years, we are combining our pot luck event with a food drive for Harvest Manitoba.

Over 60,000 Manitobans visit a food bank every month, and more than 108,000 Manitobans access a Harvest Manitoba program every month. This holiday season, your donation can help ensure no one goes hungry.

Any member who donates at least $1 (or brings at least 1 food item) will be given an entry into the door prize.



Special Quadruple (4x) Matching Bonus!

Just like last year, any cash donation made to Harvest Manitoba at our pot luck event will be matched dollar for dollar by Bradford Vokey *(up to a $500 total limit)*,

In addition, this year Harvest Manitoba (through David and Elena Forgan) will also double all donations during the holiday season.

Together that is 4x your cash donation!

Last year MUUG members donated $175 which Brad had to match for a total donation of $350 to Harvest Manitoba.

Let's all chip in to make Brad donate at least $500 this year!

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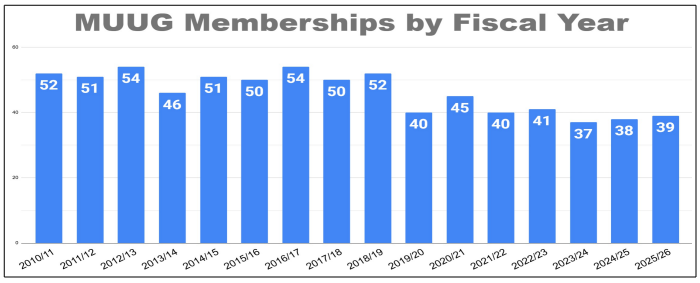
MUUG Annual Financial Statements

By Bradford C. Vokey, MUUG treasurer



Our MUUG membership increased by 1 member last year! We now have a total of 39 paying members.

Thanks to all our fabulous members who continue to renew their memberships.

If your MUUG membership has lapsed, please help support us by renewing today! Payment can be made via e-transfer, credit card, or PayPal here:

`https://muug.ca/about.php#payment`

MUUG Balance Sheet

as at 2026-10-31

Assets	
Bank and Cash Accounts	
Cash on Hand	40.00
Chequing Account	633.89
Savings Account	1,216.12
PayPal Account	134.44
Guaranteed Investment Certificates	12,174.55
Total Bank and Cash Accounts	**14,199.00**
Other Assets	
Computer Equipment *(see note 1)*	0.00
Prepaid Expenses *(see note 2)*	489.77
Membership Dues Owing	20.00
Steinbach Credit Union Share	5.00
Total Other Assets	**514.77**
Total Assets	**14,713.77**
Liabilities	
Prepaid Membership Dues	**220.00**
Owed to Members	
Trevor Cordes	454.08
Kevin McGregor	49.98
Bradford Vokey	33.14
Total Owed to Members	**537.20**
Total Liabilities	**757.20**
Net Worth	**13,956.57**

MUUG Income and Expenses

2025-2026 Fiscal Year (2025-11-01 through 2026-10-31)

Income	
Membership Dues	780.00
GIC, Savings, and Chequing Interest Income	467.69
Total Income	**1,247.69**
Expenses	
Bank Charges	
PayPal	17.56
Square	6.72
Steinbach Credit Union	2.00
Total Bank Charges	**26.28**
Server Expenses	
Depreciation *(see note 1)*	439.18
Replacement Parts *(see note 1)*	149.66
Total Server Expenses	**588.84**
Meeting Expenses	
Board Meeting Snacks & Drinks	171.08
Regular Meeting Door Prizes *(see note 3)*	238.13
Regular Meeting Snacks & Drinks	128.16
Regular Meeting Supplies	6.27
Summer BBQ	191.35
Total Meeting Expenses	**734.99**
Other Expenses	
Name Registration Costs *(see note 2)*	245.64
Printing Costs	4.17
Total Other Expenses	**249.81**
Total Expenses	**1,599.92**
Total Deficit	**-352.23**

Note 1: *Computer equipment has been recorded at a cost of $2,195.90 and is straight line depreciated at an expense of $439.18 per year for 5 years until 2025/2026. Replacement parts consists of 2 x 240GB SSDs.*

Note 2: *Name registrations have been recorded at cost:*
- *$488.11 for 9 years of DNS Pro for muug.ca expensed at $54.23 per year until 2031/2032.*
- *$146.11 for 9 years of DNS Plus for muug.mb.ca expensed at $16.23 per year until 2031/2032.*
- *$155.18 for DNS overage charges for muug.ca and muug.mb.ca.*
- *$60.00 for 3 years of Manitoba Name Registration expensed at $20 per year until 2028/2029.*

Note 3: *Door prizes consist of:*
- *31 ebooks, Linux Mag subscription, and 3 Pi Zero 2W's*

We ended the year with a $352.23 deficit.

Your board is continuing to slowly and carefully use our built up surplus to help serve the *nix and open source community here in Manitoba.

Linux 7.5 Adds a Tool That Can Crash Your System

Linux is getting a tool that crashes your system on purpose.

The Linux 7.5 source tree will introduce a new tool called `hwpoison-panic` that deliberately induces certain memory issues in your computer to cause a crash. Developers can use the tool to test the Linux kernel and ensure it crashes when expected.

> *"The hwpoison-panic tool to intentionally trigger the kernel panic injects a hardware poison error on a kernel owned page with the ability to target the kernel read-only data "rodata" range, a slab page, or a page-table page. Successfully running the tool will crash the running kernel and thus the --yes-panic-my-kernel argument is also needed to avoid accidentally triggering this tool,"*

The reason you'd use this tool is that continuing to use your computer after hardware failure can be much worse than a simple crash. If damaged memory holds any essential kernel data, it can cause the system to behave unexpectedly or corrupt your data. A kernel panic is a crash response that stops your computer from performing any functions that could continue to corrupt your data. A crash can also provide important diagnostic data to help isolate the underlying problems, depending on your setup.

https://www.howtogeek.com/linux-is-getting-a-tool-that-crashes-your-system-on-purpose/

Power Grids On 5 Continents All Pulse Every 60s

Researchers may have finally determined why, for many years, power grids around the world have been pulsing every 60 seconds.

The likely culprit? Uninterruptible power supplies running routine battery checks. UPS controllers that synchronize their internal clocks using external time signals, can end up performing their scheduled tasks together. Individually, these small checks are insignificant. But when enough devices act in synchrony, their combined electricity demand can produce a measurable effect across an entire power grid.

https://hardware.slashdot.org/story/26/11/11/2347221/power-grids-on-5-continents-pulse-every-60s-scientists-think-they-know-why

Our Corporate Sponsors:

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Thanks to Linux Mag for providing MUUG a half price magazine subscription for our door prizes.

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https://www.linux-magazine.com/

MUUG would like to thank Michael W. Lucas for donating one of his ebooks every month as a door prize. You can view and purchase his tech books here:

https://www.tiltedwindmillpress.com/product-category/tech/