MUUGLines

The Manitoba UNIX User Group Newsletter

Volume 36 No. 4, December 2023 Editor: Bradford C. Vokey

Next Meeting: December 5th, 2023 *** In Person Pot-Luck Meeting! ***

As 2023 draws to a close, MUUG will continue the tradition of turning the December meeting into more of a social event.

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

But please, stay home if you are sick.

We will also attempt to simulcast the live round-table and short presentation over Big Blue Button for those that can't attend in person for any reason: https://muug.ca/meet

Bring your favorite gadget

Bring your latest gadget to talk about— while everyone mingles, eats, and drinks.

This will be a pot-luck snack event

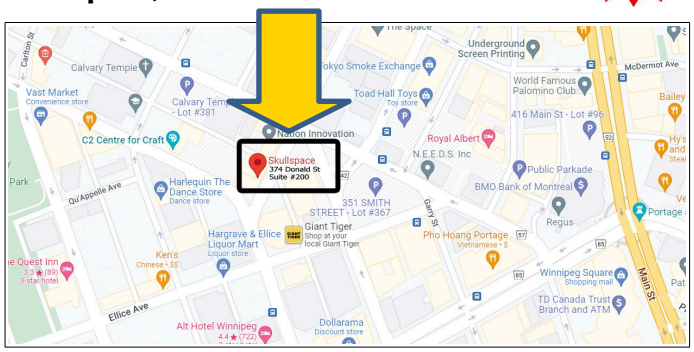
Members are encouraged to bring their own food to sample and share with others. Feel free to bring your own special drink as well – just remember that we don't have a liquor license!

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

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

Where to Find the Meeting:

Skullspace, 374 Donald St - Suite #200



Just like last December, Mark Jenkins has graciously let us use the Skullspace location at 374 Donald St., for our December meeting. We will be in room 200.

Please note that this location is not mobility accessible. There are 3 flights of stairs and it is 1.5 stories up.

There is no Winnipeg Jets home game on December 5th so downtown street parking should be plentiful. One of the best blocks for street parking is Notre Dame after Hargrave. There is also lots of commercial parking lots in the area including right behind the Skullspace building.

The 66 bus route has a southbound stop on the same block of Donald (useful for departure) in front of the Yellow Dog Tavern. For arrival by bus, it's quite reasonable to walk from stops on Graham and Portage or if taking the 66 get off at northbound Smith at Portage or northbound King at Notre Dame.

Doors will be open starting at 7:15 pm with the meeting starting at 7:30 pm. After 7:45 pm the doors may be locked so you will need to call the Skullspace number (204-480-4092) and we'll answer and come down to let you in.

The latest meeting details are always at:

https://muug.ca/meetings/

Meet Your New Board

The MUUG Board for the 2023-2024 year was elected by acclamation at the November general meeting.

Your board continues with the same 8 members as last year:

1. Alberto Abrao
2. Chris Audet
3. Trevor Cordes
4. Gilbert Detillieux
5. Kevin McGregor
6. Tyhr Trubiak
7. Brad Vokey
8. Wyatt Zacharias

A big thank you to all the nominees who let their names stand for election.

Board Positions

Your new board held their first board meeting on November 16th, and for the 9th year in a row they elected the same executive officers:

President:	Wyatt Zacharias
Vice-President:	Trevor Cordes
Secretary:	Gilbert Detillieux
Treasurer:	Brad Vokey

Long live the BDFL!

We also appointed the following *unofficial officers*:

Social Media Ninja:	Chris Audet
Door Prize Don:	Trevor Cordes

Your **banking committee** continues to be:
Brad Vokey, Gilbert Detillieux and Kevin McGregor.

Your **server committee** is now:
Alberto Abrao, Trevor Cordes, 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.

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

As a special bonus challenge this year, any cash donation made to Harvest Manitoba at this event will be matched dollar for dollar by Bradford Vokey (up to a total $500 limit)!

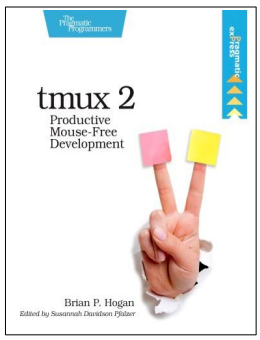
Let's all chip in to make Brad donate more!

Top 10 Most-Wanted Food Items

1. Canned Fruit	6. Pasta Sauce
2. Canned Soup/Stew	7. Rice
3. Canned Tuna	8. Peanut Butter
4. Canned Vegetables	9. Baby Formula/Food
5. Pasta	10. Instant Oatmeal

December Door Prizes:

Along with our usual selection of e-books and Unix stickers we will also give away the physical paper book that was won by Brad in November and redonated:



tmux 2

By: Brian P. Hogan
Publisher: The Pragmatic Programmers
Release Date: September 2018
Pages: 79

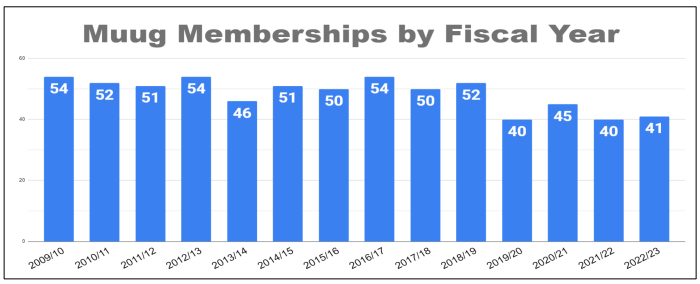
Your mouse is slowing you down. The time you spend context switching between your editor and your consoles eats away at your productivity. Take control of your environment with tmux, a terminal multiplexer that you can tailor to your workflow. With this updated second edition for tmux 2.3, you'll customize, script, and leverage tmux's unique abilities to craft a productive terminal environment that lets you keep your fingers on your keyboard's home row.

Brad found it a very good read and learned a few things to add to his 3 year old running tmux session!

MUUG Annual Financial Statements

By Bradford C. Vokey, MUUG treasurer

Membership increased by 1 member last year! We are now up to having a total of 41 paying members.



Thanks to all our members who have continued renewing 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 2023-10-31

Assets	
Bank and Cash Accounts	
Chequing Accounts	340.61
Savings Accounts	1,400.52
Guaranteed Investment Certificates	12,085.00
PayPal Account	96.80
Total Bank and Cash Accounts	**13,922.93**
Other Assets	
Computer Equipment *(see note 2)*	1,317.54
Membership Dues Owing	20.00
Steinbach Credit Union Share	5.00
Total Other Assets	**1,342.54**
Total Assets	**15,265.47**
Liabilities	
Prepaid Membership Dues	**180.00**
Owed to Members	
Trevor Cordes	421.80
Bradford Vokey	210.93
Total Owed to Members	**632.73**
Total Liabilities	**812.73**
Net Worth	**14,452.74**

MUUG Income and Expenses

2022-2023 Fiscal Year (2022-11-01 through 2023-10-31)

Income	
Membership Dues	
Current Year (2022/2023) Paid	800.00
Current Year (2022/2023) Owing	20.00
Total Membership Dues	**820.00**
GIC, Savings, and Chequing Interest Income	**366.42**
Donations	**40.00**
Total Income	**1,226.42**
Expenses	
Advertising & Promotion *(see note 1)*	**225.78**
Bank Charges	
Bank of Montreal	15.00
PayPal	21.08
Square	5.56
Steinbach Credit Union	1.95
Total Bank Charges	**43.59**
Server Expenses	
Depreciation *(see note 2)*	439.18
Total Server Expenses	**439.18**
Meeting Expenses	
Board Meeting Snacks & Drinks	184.83
Door Prizes	208.88
Regular Meeting Snacks & Drinks	128.07
Regular Meeting Supplies	41.97
Summer BBQ	191.05
Total Meeting Expenses	**754.80**
Other Expenses	
Name Registration Costs	75.75
Printing Costs	4.03
Total Other Expenses	**79.78**
Total Expenses	**1,543.13**
Total Deficit	**-316.71**

Note 1: *Advertising and Promotion consisted of:*
1 year of Meetup.com ($148.41 US).

Note 2: *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.*

Note 3: *Door prizes consist of:*
47 ebooks, 5 physical books, and 40 Linux stickers.

Change your GRUB menu font size

Enhance your Linux boot menu with larger fonts! This quick guide shows you how to change the GRUB menu font size for a better startup display.

https://linuxiac.com/how-to-change-grub-menu-font-size/

TUI your scripts with dialog(1)

Add some curses to your bash scripts with dialog!

Dialog(1) will let you present a variety of questions or display messages using text only style dialog boxes from a shell script.

The shell is not really intended for large, interactive programs, but using dialog can make small to moderate interactive programs possible. It provides a useful variety of dialog boxes, allowing many types of user interactions which would be very difficult to implement with the shell alone.

Dialog includes widgets for: buildlist, calendar, checklist, dselect, editbox, form, fselect, gauge, infobox, inputbox, inputmenu, menu, mixedform, mixedgauge, msgbox (message), passwordbox, passwordform, pause, prgbox, programbox, progressbox, radiolist, rangebox, tailbox, tailboxbg, textbox, timebox, treeview, and yesno (yes/no).

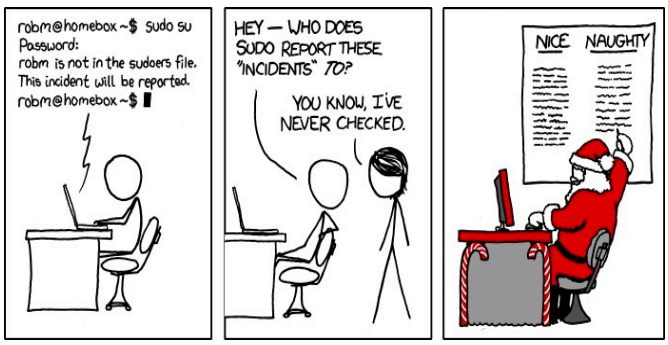
Execution is as simple as:

```
dialog --yesno "Do you want run the command" 10 30
```

If you keep your expectations modest, dialog can be a great tool. The dialog man page is well-written and contains a complete listing of its numerous options. A large set of example programs can be found in your /usr/share/doc/dialog directory.

https://linuxcommand.org/lc3_adv_dialog.php

Who does sudo report to?



https://xkcd.com/838/

LESNET

A big thanks to Les.net for providing MUUG with free hosting and all that bandwidth! Les.net (1996) Inc. is a local provider of VoIP, Internet and Data Centre services. Contact **sales@les.net** by email, or +1 (204) 944-0009 by phone.

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:

Tilted Windmill Press

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

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