

Welcome to LUG!



Please check in: sh.lug.umbc.edu/checkin



lug.umbc.edu

Who are we?



President
Alex (blahaj)



Vice President
dani (puppy)



Treasurer
Hamza



Secretary
Milk (🥛)

Alex (blahaj)

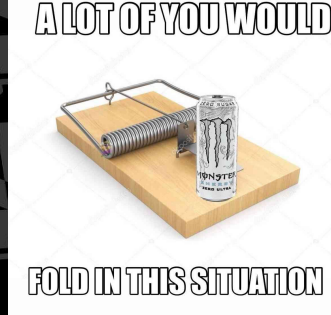


- Junior IS Major
- System Administrator & homelabber
- Trains are cool
- I like to cook
- Cat haver
- Music enjoyer



dani (puppy)

- senior is major
- sysadmin / homelabber
- i use arch btw (yes i use a beat up 10 year old thinkpad how did you know?)
- i like dogs





Who r
is ? ? ?



Mii

Milk info:

Uses Arch BTW

- Likes all milks (including lac toes)
- Runs Truenas scale at home (that's a linux ! ! ! ! ! !)
- Ams secret ar E 4
- Milk r is cools
- Minecwaf favs gaems
- UMBC Discord Mincewaft serbor(DM 4 witelists):umbcdiscord.com (nono hack plz)
- Milk is 87%water so you should drink 6 12% more milk than water



Made by
maei fwen
pancaek
(@anti.core)

Welcome to the UMBC LUG (Linux Users Group)



[lug.umbc.edu](mailto:lug@umbc.edu)

What is a LUG

- The UMBC LUG is one of many Linux User Groups operated around the world.



Linux user group

Article Talk

Read Edit View history Tools

From Wikipedia, the free encyclopedia

A **Linux User Group** or **Linux Users' Group** (**LUG**) or **GNU/Linux User Group** (**GLUG**) is a private, generally non-profit or [not-for-profit organization](#) that provides support and/or education for [Linux](#) users, particularly for inexperienced users. The term commonly refers to local groups that meet in person but is also used to refer to online support groups that may have members spread over a very wide area and that do not organize, or are not dependent on, physical meetings. Many LUGs encompass [FreeBSD](#) and other [free-software](#) / [open source](#) Unix-based operating systems.

Local LUGs [edit]

Local Linux user groups meet (typically weekly to monthly) to provide support and/or arrange and host presentations for [Linux](#) users, particularly for inexperienced users.



Installfest hosted by the [Rutgers University](#) Student Linux Users' Group in 2005.

What is the UMBC LUG?

- Founded in 1997 by Morty Azbug
- The UMBC LUG is one of the longest continuously running student organizations on campus



The screenshot shows the homepage of the UMBC Linux Users Group. At the top, there is a browser address bar showing 'http://lug.umbc.edu/' and a calendar for March 2002. The main heading reads 'Welcome to the UMBC Linux Users Group Homepage'. To the right is a circular logo featuring a penguin and the text 'UMBC Linux Users Group'. Below the heading, it says 'Last modified: Mon Mar 4 00:52:07 EST 2002'. A section titled 'About UMBC-LUG' contains a paragraph about the group's history and purpose. To the right of this section is a search box with dropdown menus for 'Match', 'Format', and 'Sort by', and a 'Search' button. At the bottom, there is a list of links including 'Welcome to the UMBC Linux Users Group Homepage', 'About UMBC-LUG', 'Meetings', 'Tutorials', 'Presentations', '#umbclinux', 'Answers to all your questions', 'Lending Library', 'Mailing Lists', 'Archive', 'Links', and 'Return Links'.

http://lug.umbc.edu/ 157 captures 2001 2002 2003

Welcome to the UMBC Linux Users Group Homepage

Last modified: Mon Mar 4 00:52:07 EST 2002

About UMBC-LUG

The UMBC-LUG is an organization of and for people who use or would like to use [Linux](#), a UNIX-like operating system freely available for many hardware architectures, including the IBM-compatible PC. UMBC-LUG members come from all walks of life and courses of study. You'll find among our ranks students of IFSM, chemistry, mechanical engineering, math, visual arts, sociology, music, social work, and yes, even computer science, all bound together by a common love of Linux. We welcome you to join us (membership is not limited to UMBC students) – if you are interested in becoming a member of UMBC-LUG, just come to a meeting and check it out.

The [UMBC Linux Users Group](#) held its first meeting on October 6th, 1997. Since [Mordechai Abzug](#) was the last to arrive, we voted him Interim President before he got there. (Note that we had elections, and elected [Daniel Pearson](#) President.)

In the summer of 2001, all of the officers were graduating or graduated, and the future of the UMBC-LUG as a physical entity looked bleak. Jeff Covey posted a message on lue(our server) saying just that. This spurred some conversation on the umbclinux newsgroup and what resulted was a revival of the LUG as both a place to talk linux and a UMBC student organization. [Dave Norum](#), [Dan Rick](#), and [Steve Brown](#) became officers of the LUG until elections. [Ken Hernandez](#) became webmaster.

On Oct 7th, 2001 we held elections. The current LUG officers are [Dave Norum](#) (President/Treasurer), [Mike Furr](#) (Vice President), and [Al Cole](#) (Secretary).

Search this site

Match: Format: Sort by: Search:

- Welcome to the UMBC Linux Users Group Homepage
 - About UMBC-LUG
 - Meetings
 - Tutorials
 - Presentations
 - #umbclinux
 - Answers to all your questions
 - Lending Library
 - Mailing Lists
 - Archive
 - Links
 - Return Links

What is the UMBC LUG?

*A student-led community dedicated to the promotion
and education of Linux and Free and Open Source
Software (FOSS) at UMBC*

What we are

- A resource for support and advice for both new and experienced linux users at UMBC
- A space for discussion of all things Linux & FOSS
- An outlet for presentations on all sorts of technical topics
- A proponent of free and open source software initiatives

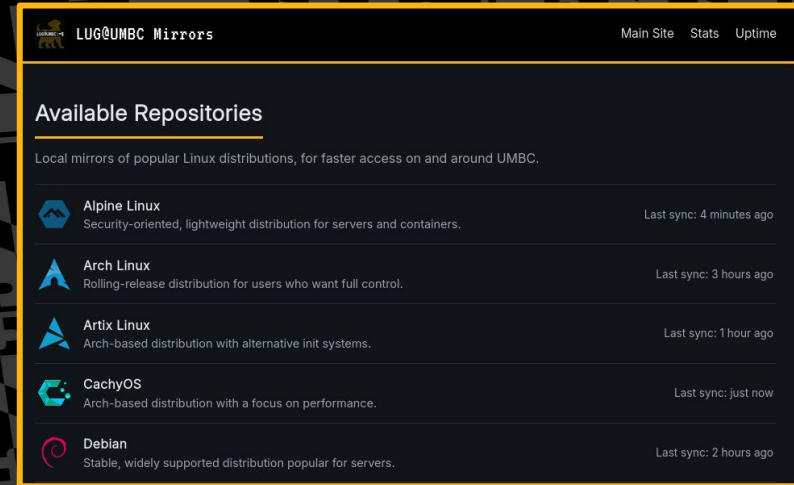
What we do

- Weekly meetings (like this one)
 - Every Wednesday at 7:15 PM
 - Presentations, discussions, activities
- Events
 - InstallFest (9/30/2026)
 - Server Building 101 (11/4/2026)
 - LAN Night (Next Semester)
 - Club Collaborations



Our Mirror Server

- Student operated server in the Engineering Datacenter
- Primarily a package mirror
 - mirror.lug.umbc.edu
 - Officially recognized by Debian, Ubuntu, Arch etc..
- Opportunities for student involvement (Stay Tuned)



What to expect this semester

- Upcoming Meetings
 - Next Meeting: "Getting comfortable with the Linux Terminal"
 - Contributing to Openstreetmap
 - Trivia Night
 - Shane Donahue to present
 - NTP and Time Distribution on Linux
 - Ricing Show and Tell
 - Distro Lightning Talks
 - We want you! Present at at a meeting
- InstallFest (9/30/2026)
- Server Building 101

Other Student Organizations

- System Administration and Software Development Club (SAD)
 - First Meeting this Friday, Sept 4th at 5:00 PM
- Beyond 40 (FOSS Group)
 - First Meeting Tue, Sept 8th at 6:30 PM
- Cyberdawgs Club and DawgSec Team
 - Club Meeting: Mon, Sept 14th at 7:15 PM
 - Team Meeting: Tomorrow Thur, Sept 3rd at 6:15 PM
- Game Dev Club
 - Friday 1pm-5pm, starting Sept 5th



LUG Club Survey

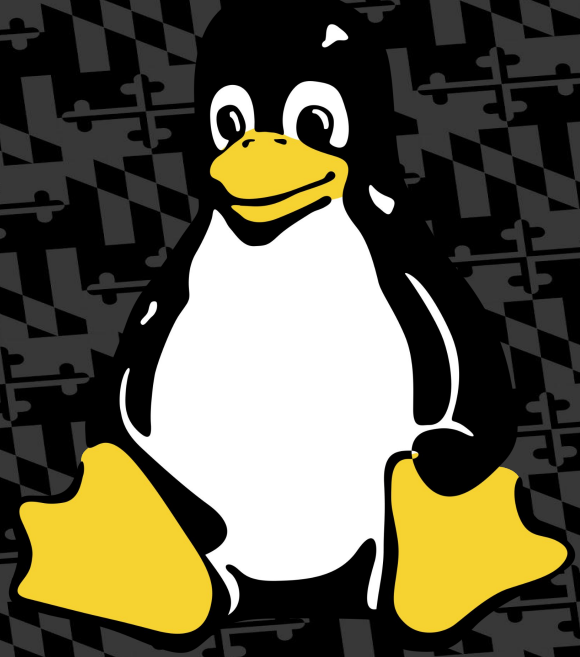
Poll Removed for Publishing



What is Linux?

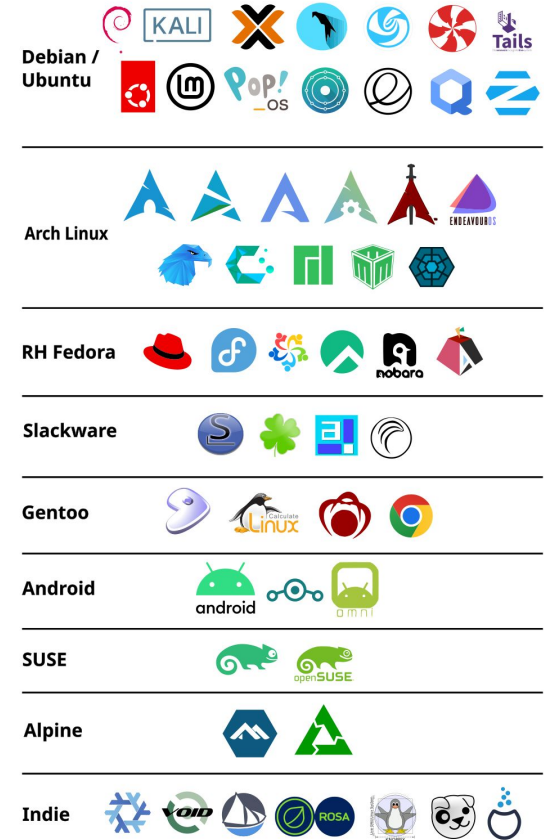
What is Linux?

- An operating system kernel first released in 1991 by Linus Torvalds
- Basis for many OS “flavors” (distributions or ‘distros’)
- Open Source – meaning anyone can use, modify, share
- What we commonly refer to as Linux is more appropriately described as GNU/Linux



Kernel vs. Distribution

- **Kernel:** the core program that talks to the hardware
- **Distribution:** adds desktop, apps, package manager, tools
 - E.g. Ubuntu, Fedora, Arch, Debian



The Open Source Philosophy

- Source code is free & open to all
- Built on collaboration across the globe
- Users can:
 - Inspect how it works
 - Modify to their needs
 - Share improvements



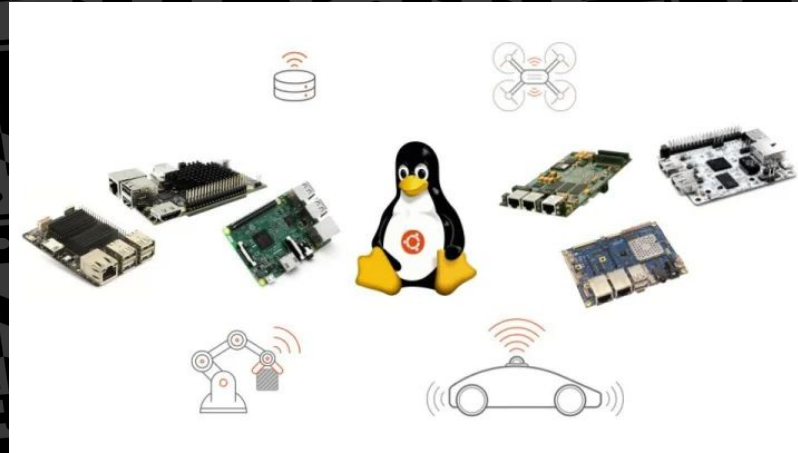
Why you should care about Linux in 2026

Why You Should Care About Linux in 2026

- Linux powers almost everything you use from the cloud, phones, IoT, servers, and developer tools
- It's at the heart of open source innovation
- Learning Linux is practical: jobs, reproducibility, smooth workflows, privacy, and control

Linux Today (2026)

- Powers 96% of the top 1M servers (web, cloud, AI)
- The Dominant kernel for Android and ChromeOS
- Nearly all supercomputers and space missions run linux
- Growing share in automotive and embedded devices



Why Linux Matters for New Users

- Beginner-friendly distros are great (Ubuntu, Fedora, Mint) - Easy installers and GUI tooling
- Strong privacy & control compared to locked-down OSes
- Hundreds of learning resources and friendly communities
- Real benefits: run free dev tools, get more from old hardware, try programming, and learn system fundamentals

Why it matters to Students

- Linux is free and open source > Good for broke college students
- Valuable Career Skill (sysadmin, DevOps, cyber, AI, cloud and more)
- Learn how systems really work (not just GUIs)
- Access to a global community and projects

Why Linux Matters for Advanced Users

- The platform of choice for containers (Docker), Kubernetes, and cloud-native stacks
- Powerful shell scripting, automation, and remote administration
- Kernel-level innovation: performance tuning, security features (eBPF, SELinux, AppArmor)
- Excellent for reproducible research, CI/CD, and AI training environments

Why you should care about Linux Now

- Shift away from traditional desktops
- Regulatory push for open-source in governments and companies (like in France, Germany, and China)
- As ARM & RISC-V rise, Linux adapts faster than Windows/macOS
- AI Boom: Linux is the platform of choice for AI/ML systems

Real World Examples

- Cloud: Most public cloud VMs run Linux; scaling services are Linux-first
- Security: eBPF used for observability and security tooling in production
- Education: Students shipping projects using Linux workflows for coursework and research
- Campus: our mirror lowers bandwidth & helps students update faster

How to stay involved

- Attend weekly meetings
- Join the discord if you haven't already
- Contribute: docs, mirror maintenance, tutorials, presentations etc
 - Mirror Maintainer applications to open up later this semester
- Install Linux on your system if you haven't already (VM, Dual-boot, WSL)
- Learn sysadmin skills, shell scripting, networking
- Build skills for research, internships, careers
- Start your own projects