

*Release
PARTY*



Ubuntu NOBLE NUMBAT

10 AM, 3 MAY 2024
IIRBS AUDITORIUM
MAHATMA GANDHI UNIVERSITY

24.04
LTS

Talk by Vimal Kumar V., PhD

- 1. Introduction to Ubuntu Linux**
- 2. Ubuntu flavours**
- 3. Ubuntu 24.04 features**
- 4. Ubuntu Installation**



MEMORABLE LINUX EVENTS

CELEBRATING 30 YEARS OF GNU LINUX

THE FREE SOFTWARE FOUNDATION IS CREATED BY RICHARD STALLMAN TO PROMOTE SOFTWARE FREEDOM AND FUND THE GNU PROJECT



1985

LINUS TORVALDS POSTS HIS FAMOUS MESSAGE - "HELLO EVERYBODY OUT THERE USING MINIX..." AND RELEASES THE FIRST VERSION OF THE LINUX KERNEL



1989

LINUX DISTRIBUTIONS ARE CREATED IN THIS YEAR WE SEE SLACKWARE AND DEBIAN BEING LAUNCHED



1992

JASPER NUYENS STARTS DELIVERING THE FIRST 24 BY 7 LINUX SUPPORT IN EUROPE. ENTERPRISE LINUX USE KICKS OFF AND FUELS THE INTERNET BOOM



1993

LINUX BELGIUM IS CREATED AS THE BUSINESS INTERFACE TO THE LINUX COMMUNITY



1996

PUPPET LABS IS FOUNDED TO SUPPORT THE MOST POPULAR CONFIGURATION MANAGEMENT SOFTWARE EVER



1998

THE FIRST ANDROID BASED SMARTPHONE IS LAUNCHED. AFTER 2 YEARS, MOST SMARTPHONES ARE ANDROID BASED



2000

8 YEARS AFTER LINUS CREATED GIT, IT HAS BECOME THE MOST POPULAR VERSION CONTROL SYSTEM IN THE WORLD



2004

30 YEARS OF GNU HAVE BEEN VERY EXCITING AND CHANGED THE FACE OF THE PLANET. FROM SUPER COMPUTERS TILL EMBEDDED DEVICES. LINUX IS EVERYWHERE



2005



GNU GPL VERSION 1 IS PUBLISHED TO ENSURE ELECTRONIC RIGHTS AND ALLOW COLLABORATION



LINUS LICENSES VERSION 0.99 OF LINUX UNDER THE GNU GPL "DEFINITELY THE BEST THING I EVER DID"



THE 'TUX' LINUX MASCOT WAS CREATED BY LARRY EWING



RED HAT GOES PUBLIC ON THE NASDAQ STOCK MARKET



UBUNTU LINUX DISTRIBUTION IS FOUNDED WITH AN INITIAL INVESTMENT OF 10M USD BY MARK SHUTTLEWORTH



THE GPLv3 IS CREATED TO ADDRESS ISSUES LIKE SOFTWARE PATENTS AND THE 'MICROSOFT PACT'



THE RASPBERRY PI IS INTRODUCED TO MAKE EMBEDDED LINUX MORE ACCESSIBLE TO THE GENERAL PUBLIC. IN 3 YEARS 5 MILLION UNITS ARE SOLD



THE DEDICATED LINUX EDUCATION CENTER IS OPENED IN DIEGM.

Open Source vs Free Software?

Open Source vs. Free Software

- Development Technique
- Better Software
- Allows software to 'evolve'
- Sun, Apple, Netscape, ...



Eric Raymond (OSI)

- Political Philosophy
- Ethical Rights
- Allows unconditional 'sharing' and collaboration
- Only GNU/FSF meet standards










Richard M. Stallman (FSF)

Information courtesy: Thomas de Lazzari

Open Source vs Free Software



Open Source vs Free Software

							
Type	Permissive	Permissive	Permissive	Permissive	Copyleft	Copyleft	Copyleft
Provides copyright protection	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE
Can be used in commercial applications	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE
Provides an explicit patent license	✓ TRUE	✗ FALSE	✗ FALSE	✗ FALSE	✗ FALSE	✗ FALSE	✗ FALSE
Can be used in proprietary (closed source) projects	✓ TRUE	✓ TRUE	✓ TRUE	✗ FALSE	✗ FALSE partially	✗ FALSE for web	
Popular open-source and free projects	Kubernetes Swift Firebase	Django React Flutter	Angular.js jQuery, .NET Core Laravel	Joomla Notepad++ MySQL	Qt SharpDevelop	SugarCRM Launchpad	



Given enough eyeballs, all bugs are shallow.

— *Linus Torvalds* —

AZ QUOTES

Introduction to Ubuntu Linux

Should pronounced as /ʊ'buːntuː/

Linux distribution based on Debian.

Ubuntu is produced by Canonical Ltd.

Ubuntu is a Nguni Bantu term meaning "humanity".

Mark Richard Shuttleworth is the CEO of Canonical Ltd.



Linux is an Operating System?



Image courtesy: Pinterest

Linux flavours



Image courtesy: alfa-editores.com.mx

Linux flavours



Linux distro making

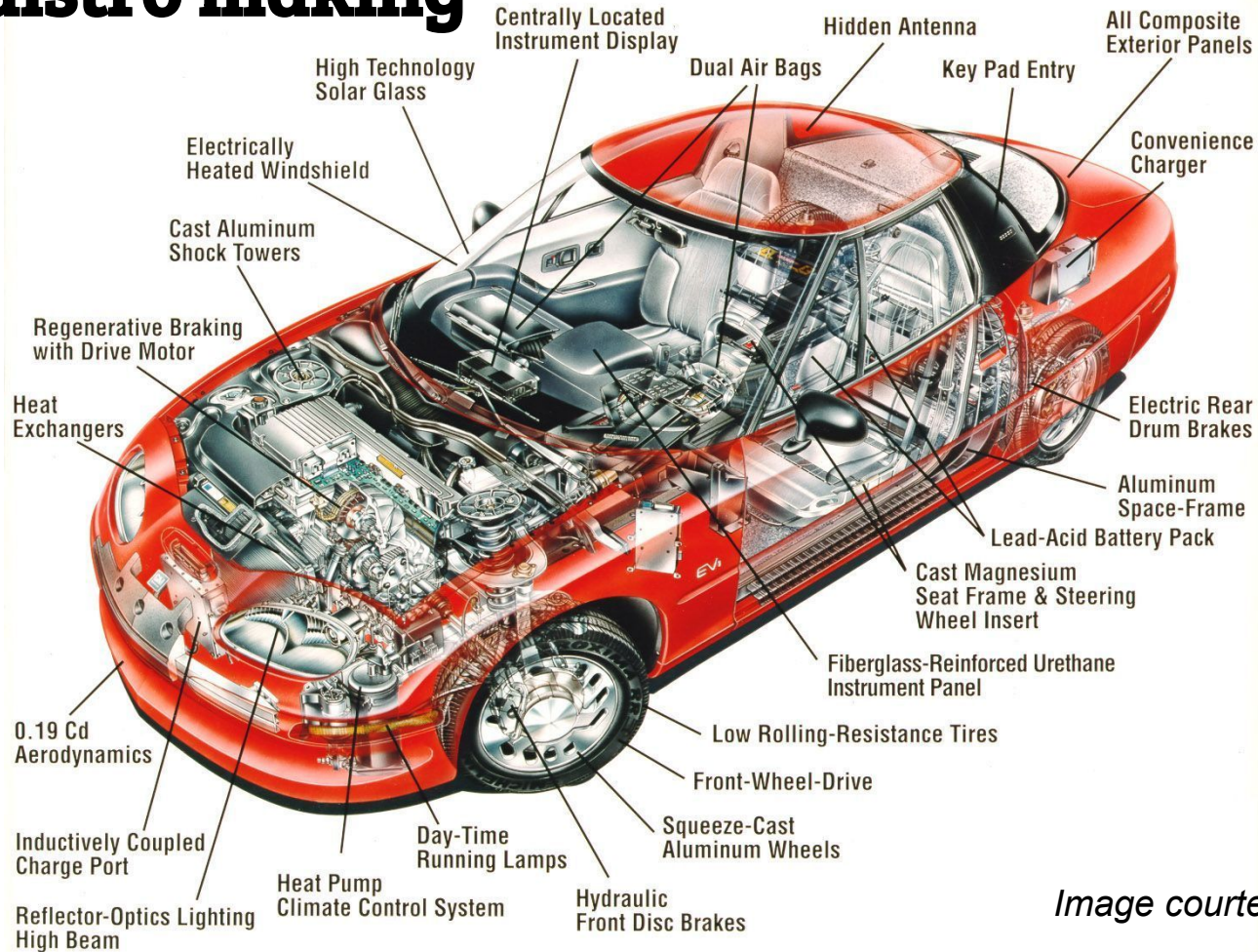
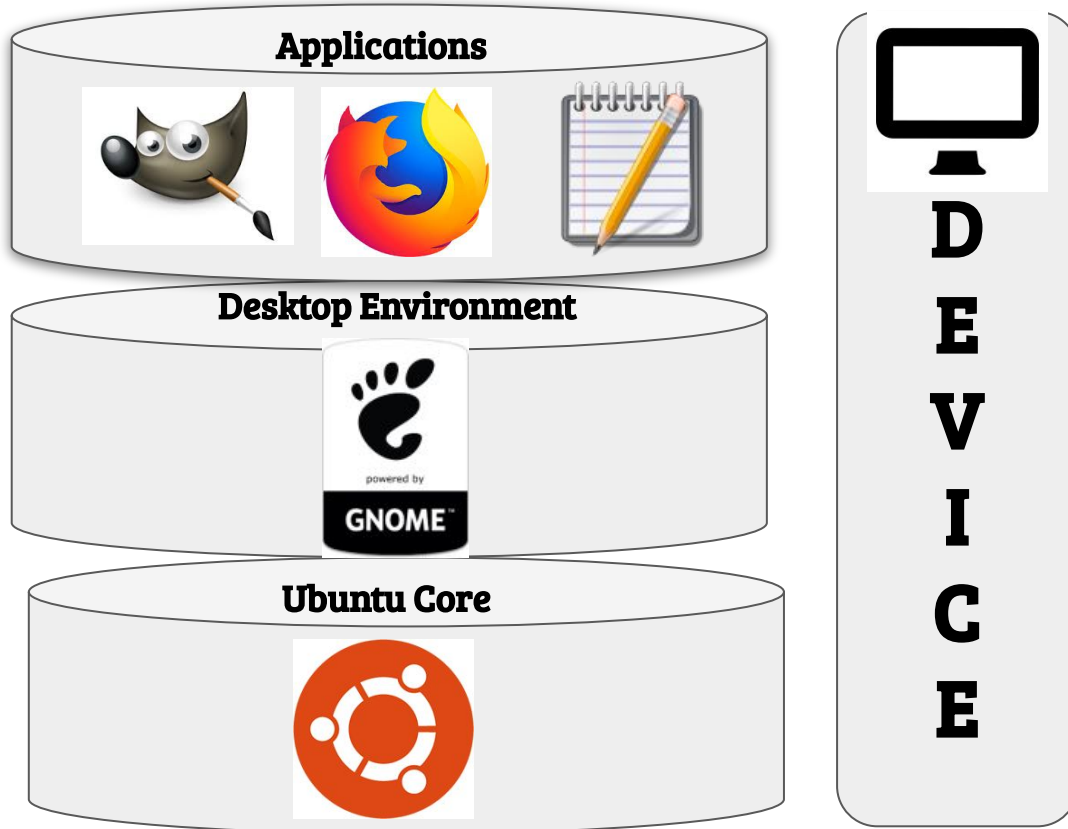


Image courtesy: General Motors

Ubuntu OS architecture



CHOOSE THE PERFECT UBUNTU FLAVOR FOR YOU!



EDUBUNTU



KUBUNTU



LUBUNTU



UBUNTU
BUDGIE



UBUNTU
CINNAMON



UBUNTU
KYLIN



UBUNTU
MATE



UBUNTU
STUDIO



UBUNTU
UNITY

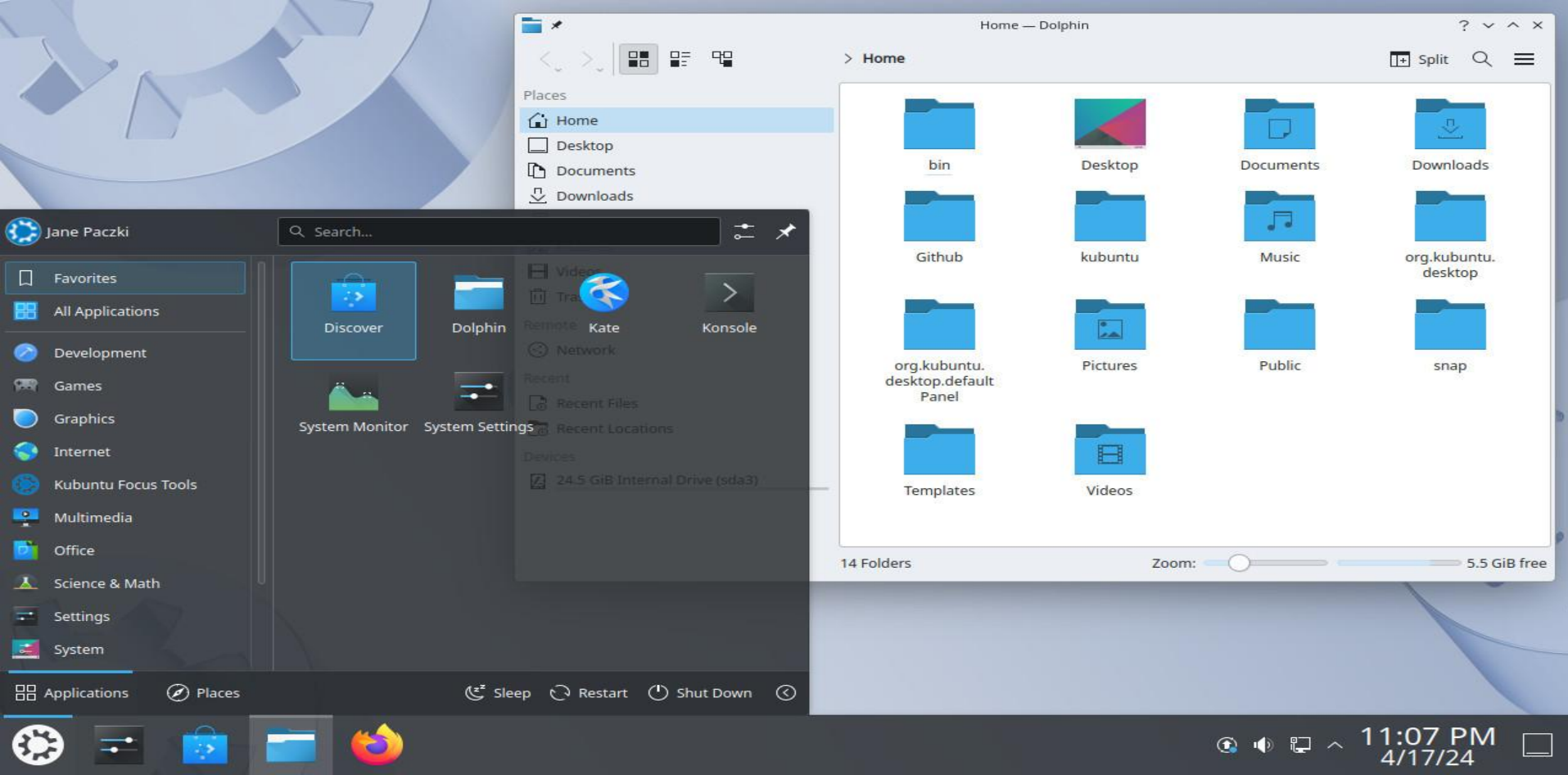


XUBUNTU



**WHICH
UBUNTU
SHOULD I
USE?**

Kubuntu Desktop



Ubuntu MATE Desktop

The screenshot displays the Ubuntu MATE desktop environment. The Rhythmbox music player is open, showing the album "Descend" by Joe Ressington. The interface includes a menu bar, a playback area with a progress bar, and a library view with a table of tracks. The system tray on the right shows the volume control and the Rhythmbox application icon.

Rhythmbox Menu: Rhythmbox File Edit View Control Tools Help

Window Title: Joe Ressington - Descend

Playback Area: Descend (Album art), Joe Ressington, 01:23 / 03:57

Library: Edit Browse View All Import Search all fields

Artist: 1 artist (9) Joe Ressington (9)

Album: 1 album (9) Noise With Guitars (9)

Track List:

Track	Title	Genre	Artist	Album	Time
1	Rise of the Idiots	Rock	Joe Ressington	Noise With Guitars	2:...
2	I am Joe's Wast...	Rock	Joe Ressington	Noise With Guitars	3:...
3	Lies	Rock	Joe Ressington	Noise With Guitars	3:...
4	Old Order	Rock	Joe Ressington	Noise With Guitars	3:...
5	Noisy Forms	Rock	Joe Ressington	Noise With Guitars	3:...
6	Daddy Longlegs	Rock	Joe Ressington	Noise With Guitars	3:...
7	Koodrec	Rock	Joe Ressington	Noise With Guitars	3:...
8	Descend	Rock	Joe Ressington	Noise With Guitars	3:...
9	It's Not Unusual	Rock	Joe Ressington	Noise With Guitars	2:...

System Tray: Mute, Rhythmbox (Descend, Joe Ressington, Noise With Guitars), Choose Playlist, Sound settings...

Taskbar: Home, Firefox, Files, Settings, Network, Terminal, Calculator, Clock, Recycle Bin, Rhythmbox

Xubuntu Desktop



25 Apr, 06:01



Trash



Home

Lubuntu Desktop



Computer



Install Lubuntu
24.04 LTS



Lubuntu

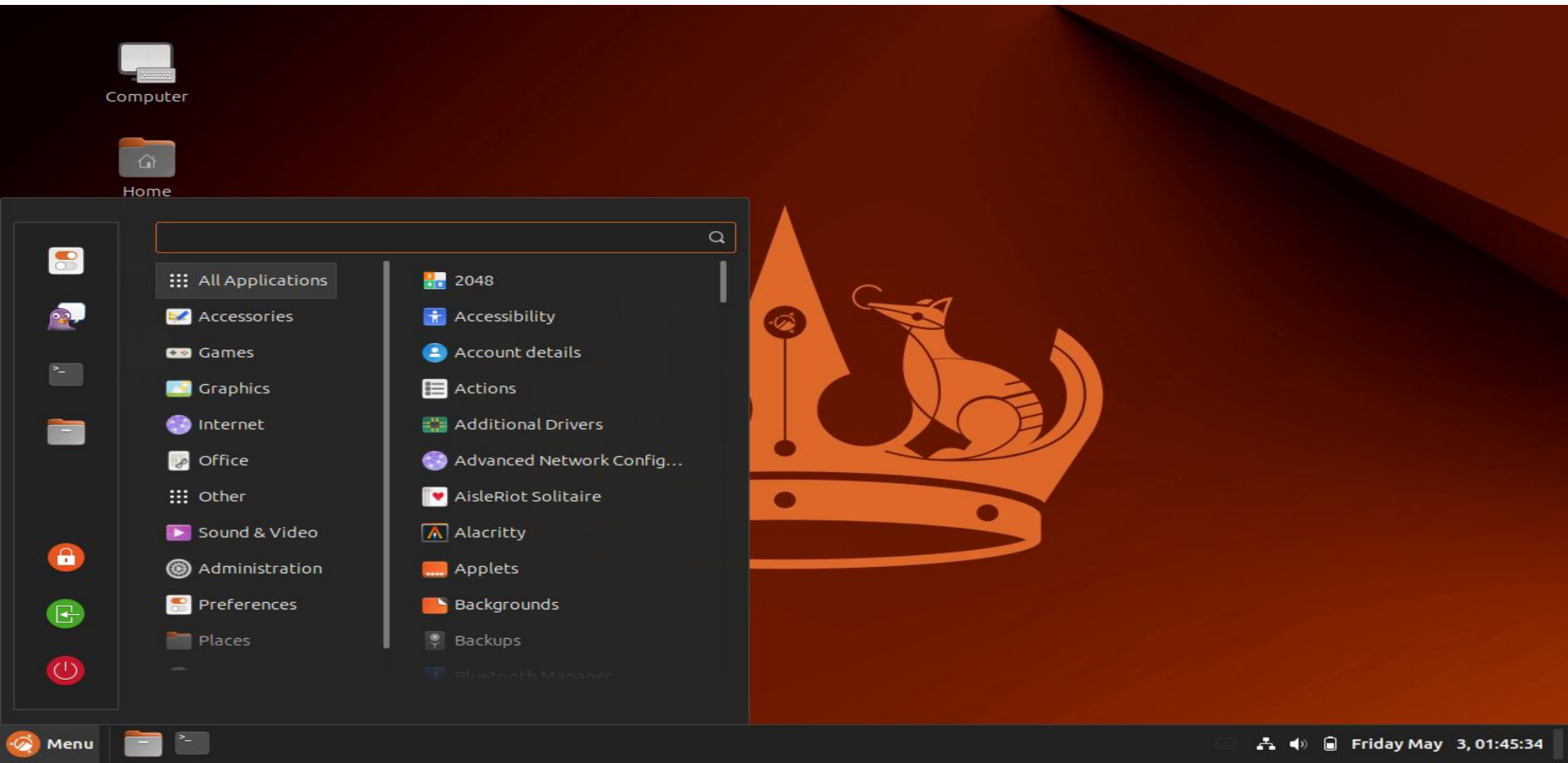


Lubuntu Manual



- Accessories >
 - Games >
 - Graphics >
 - Internet >
 - Office >
 - Sound & Video >
 - System Tools >
 - Preferences >
 - About LXQt >
 - Leave >
- Search...

Ubuntu Cinnamon



Computer

Home

All Applications

Accessories

Games

Graphics

Internet

Office

Other

Sound & Video

Administration

Preferences

Places

2048

Accessibility

Account details

Actions

Additional Drivers

Advanced Network Config...

AisleRiot Solitaire

Alacrity

Applets

Backgrounds

Backups

Bluetooth Manager

Menu

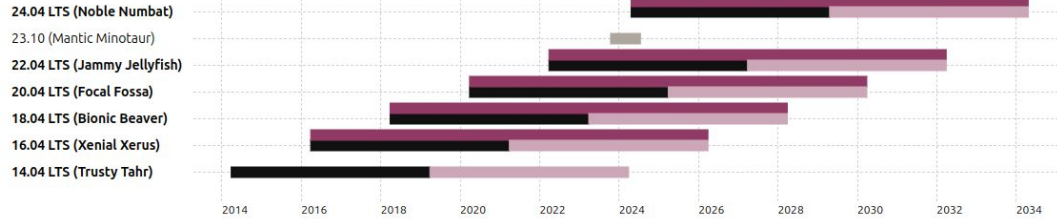
Friday May 3, 01:45:34

Ubuntu on a low profile computer



Life of Ubuntu

Ubuntu releases



- LTS standard security maintenance for Ubuntu Main (initial 5 years)
- Expanded Security Maintenance (extra 5 years)
- LTS Expanded Security Maintenance (ESM) for Ubuntu Universe (10 years)
- Interim release standard security maintenance (9 months)

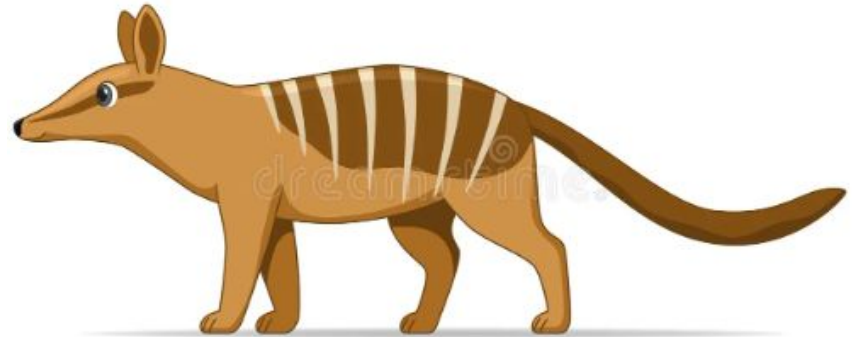
	RELEASED	END OF STANDARD SUPPORT	END OF UBUNTU PRO SUPPORT
24.04 LTS (Noble Numbat)	Apr 2024	Apr 2029	Apr 2034
23.10 (Mantic Minotaur)	Oct 2023	Jul 2024	
22.04 LTS (Jammy Jellyfish)	Apr 2022	Apr 2027	Apr 2032
20.04 LTS (Focal Fossa)	Apr 2020	Apr 2025	Apr 2030
18.04 LTS (Bionic Beaver)	Apr 2018	Apr 2023	Apr 2028
16.04 LTS (Xenial Xerus)	Apr 2016	Apr 2021	Apr 2026
14.04 LTS (Trusty Tahr)	Apr 2014	Apr 2019	Apr 2024



ubuntu
16.04 LTS xenial xerus



ubuntu 18.04
Bionic Beaver



Ubuntu 24.04
Noble Numbat

Hardware support for Ubuntu



<https://certification.ubuntu.com>

Ubuntu Certified hardware

Ubuntu Certified hardware has passed our extensive testing and review process to make sure Ubuntu runs well out of the box and it is ready for your business. We work closely with OEMs to jointly make Ubuntu available on a wide range of devices.



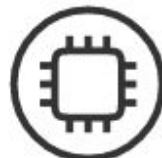
Desktop



Server



IoT



SoC



Easily Create Multiboot USB



Ventoy

CentOS-7-x86_64-DVD-1908.iso

cn_windows_server_2016_x64_dvd_9327743.iso

deepin-15.11-amd64.iso

openSUSE-13.2-DVD-x86_64.iso

ubuntu-19.10-desktop-amd64.iso



Ubuntu 24.04 LTS

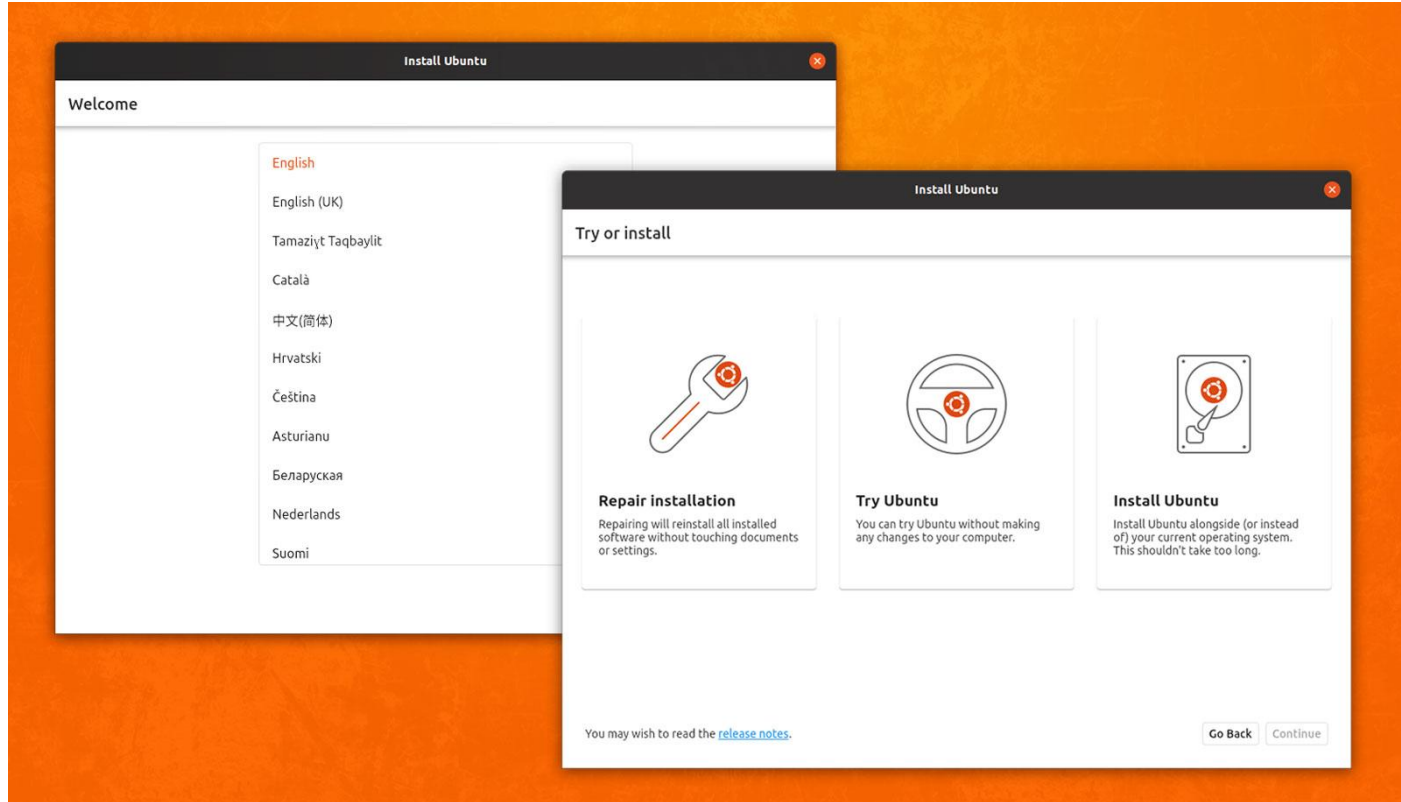


Ubuntu 24.04 "Noble Numbat"

Best Features



Flutter based installer



Minimal install

Computer

Home

Trash

Install Ubuntu Cinnamon 24.04

Applications

What apps would you like to install to start with?

Ubuntu Cinnamon Desktop (minimalized)
A minimal installation of the Ubuntu Cinnamon Desktop.

Ubuntu Cinnamon Desktop
A Full featured Ubuntu Cinnamon Desktop.

Warning: The computer is not plugged in to a power source.

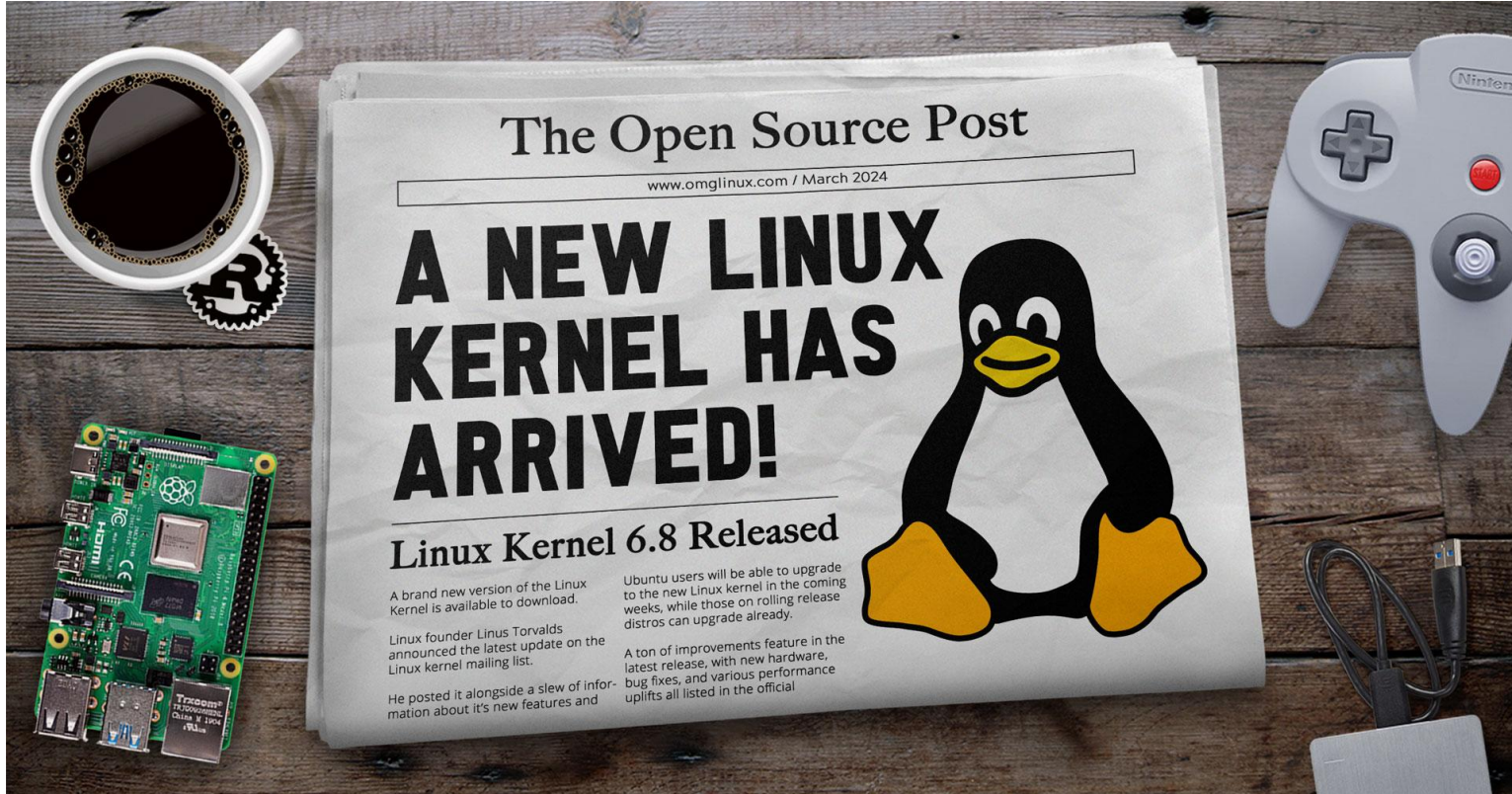
Back

Next

Menu

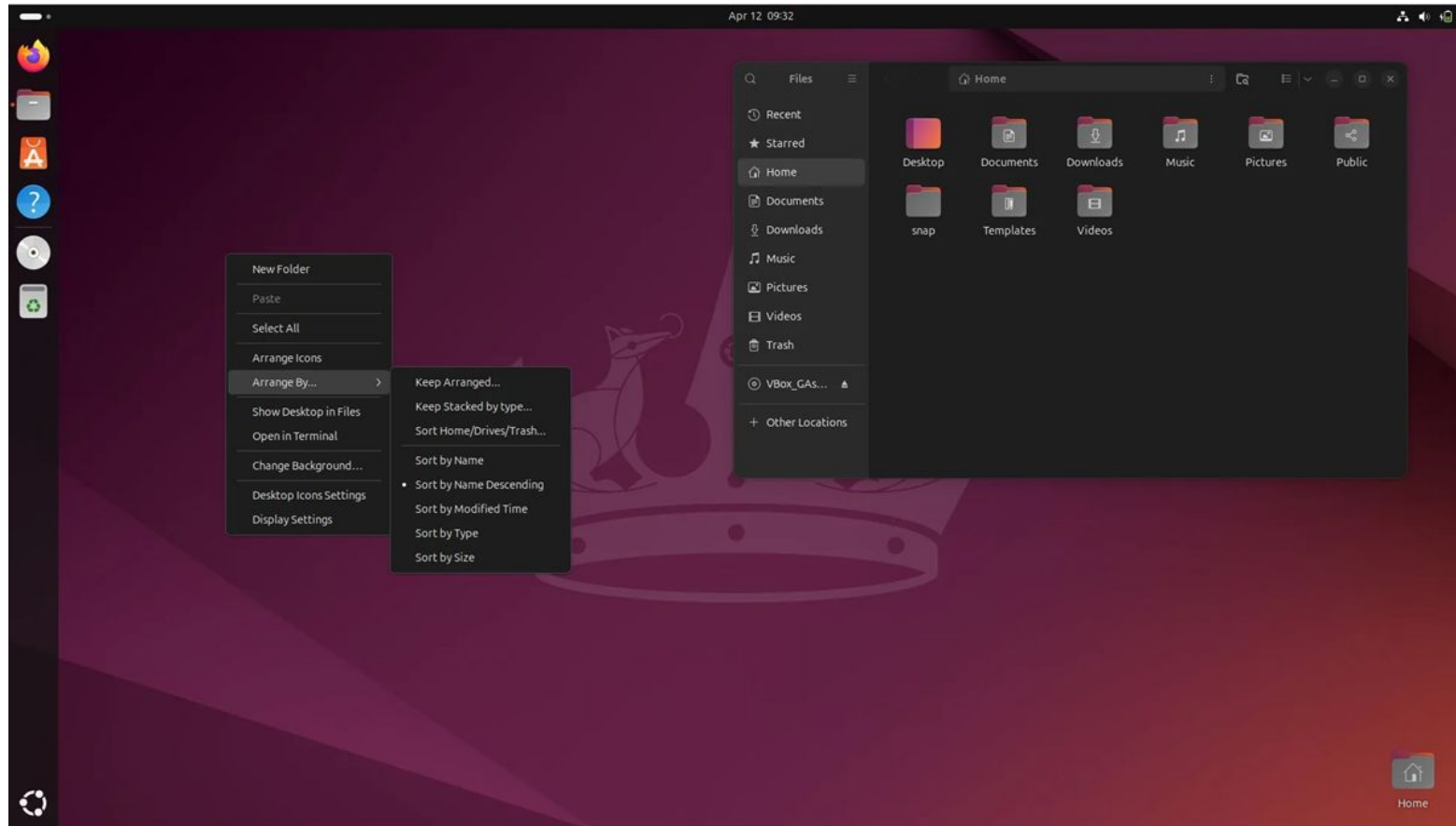
Friday May 3, 01:43:20

Linux kernel 6.8

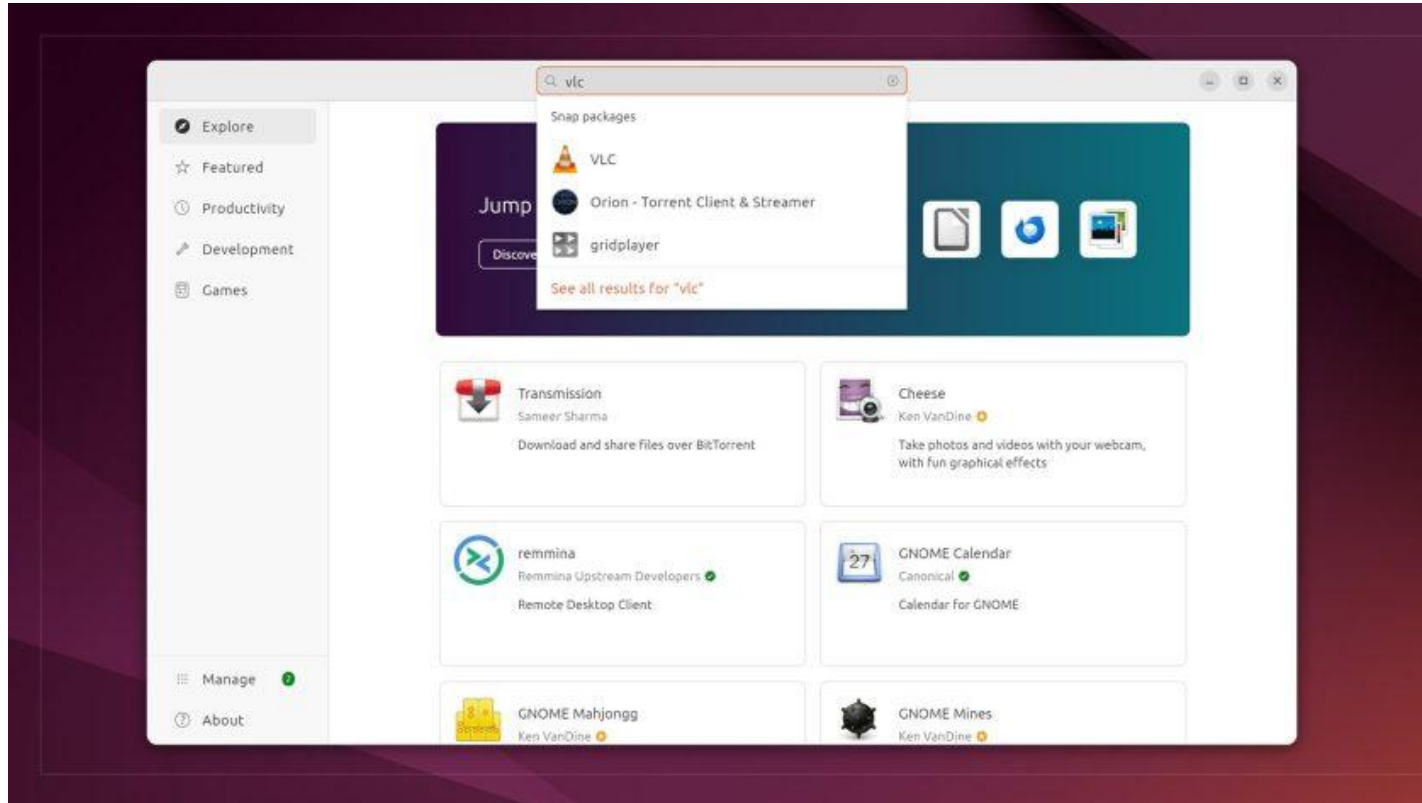


<https://www.omgubuntu.co.uk>

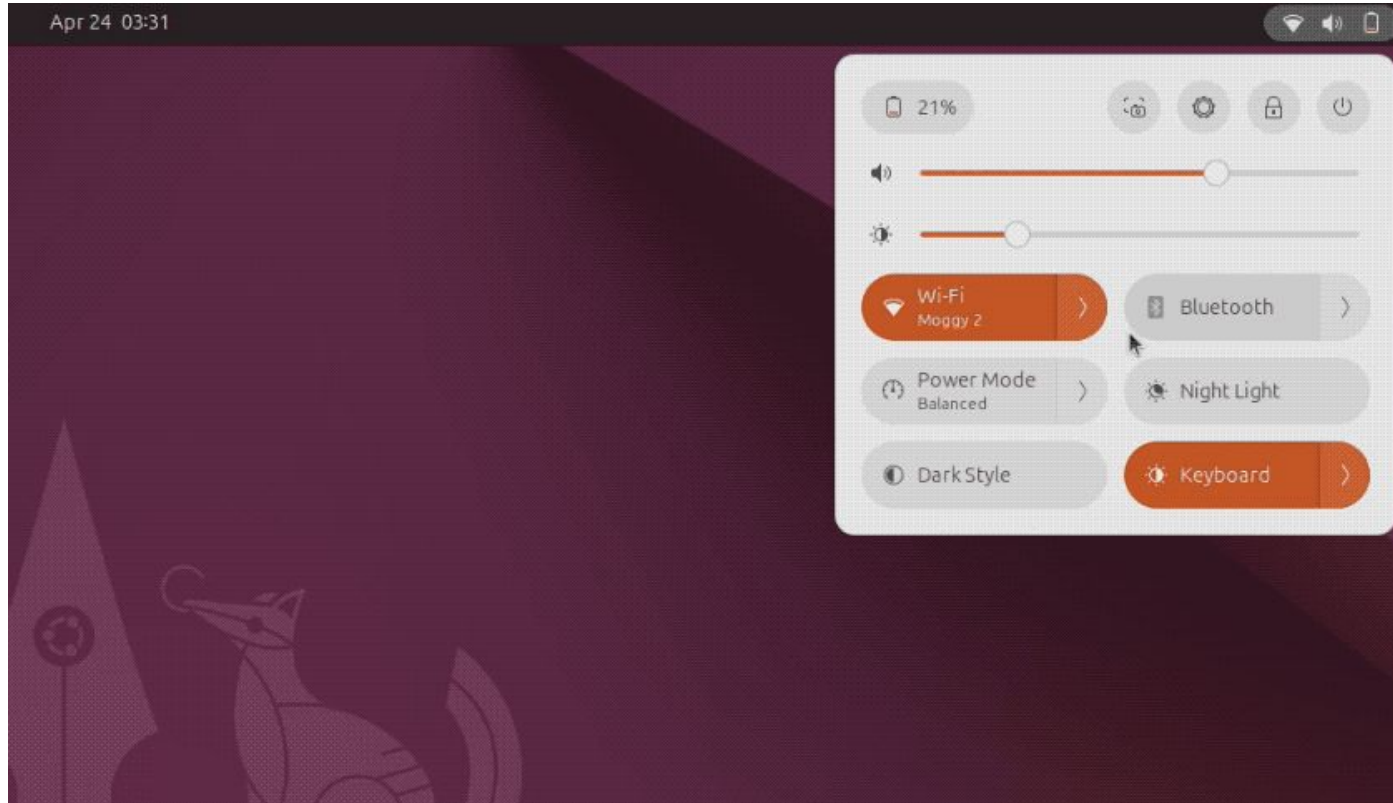
GNOME 46



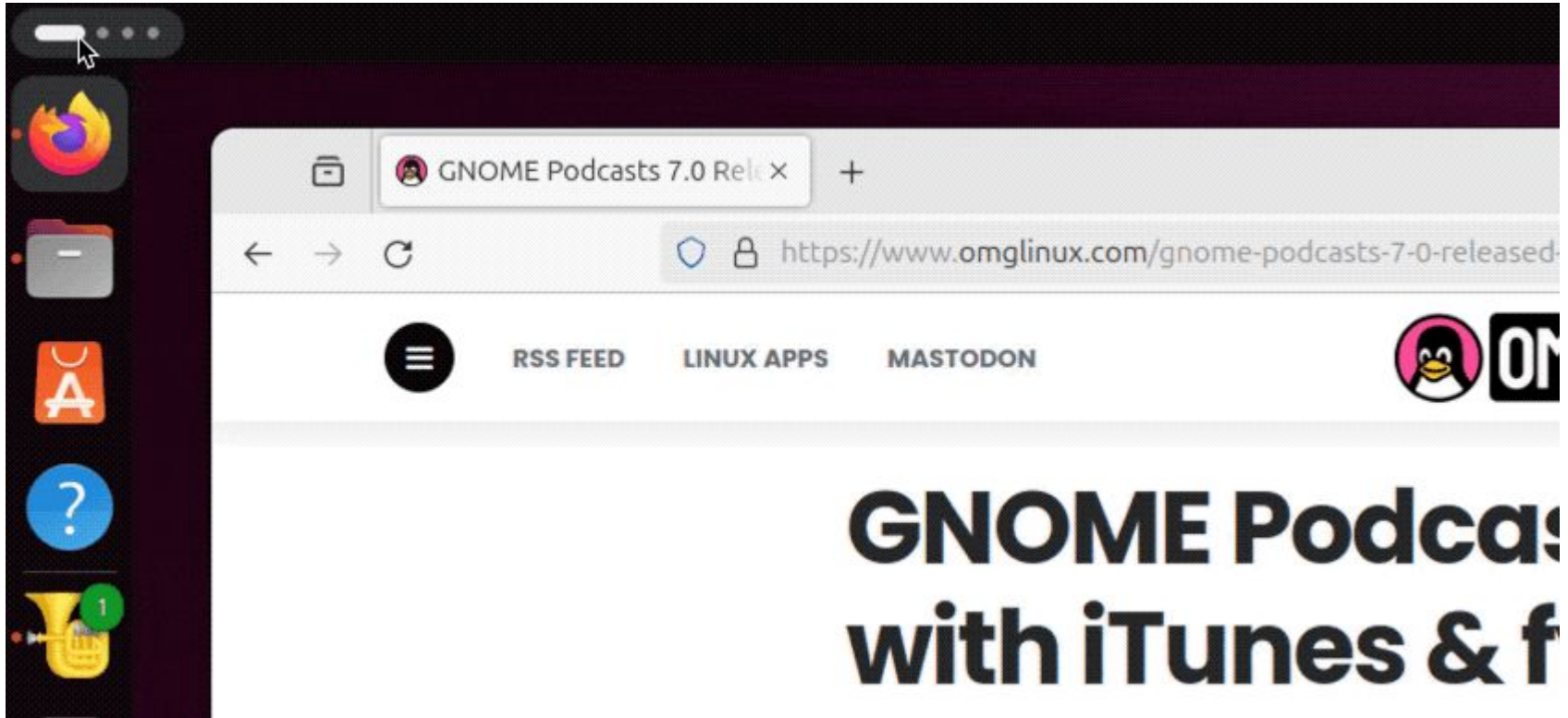
New app centre



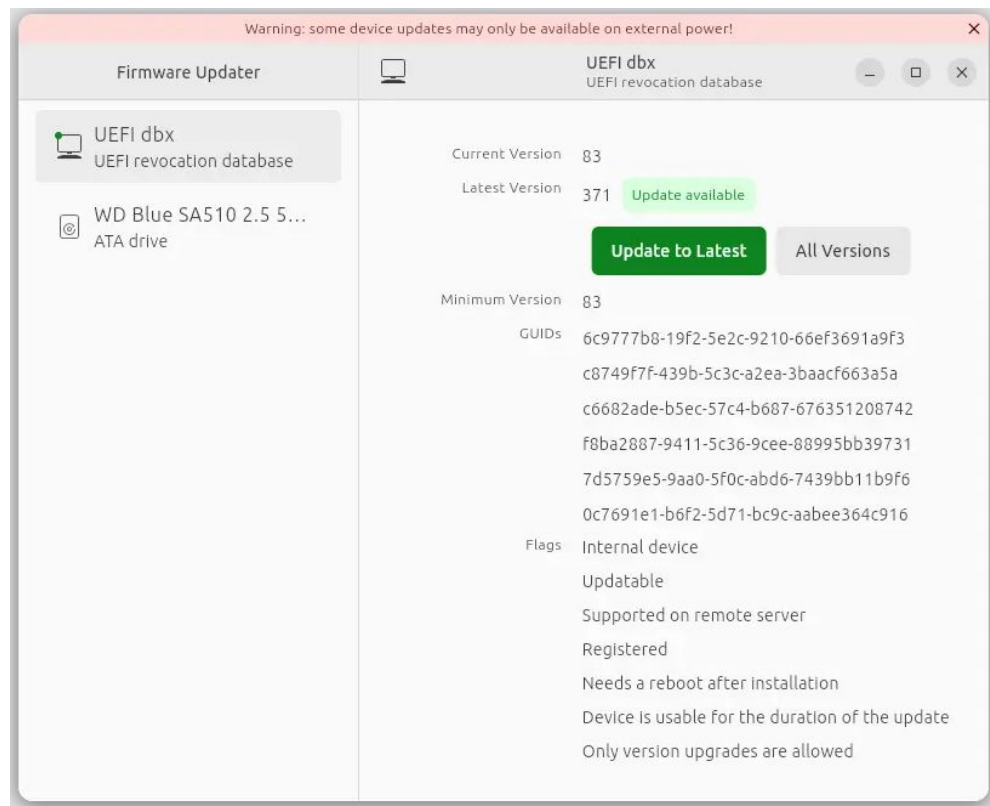
Quick settings



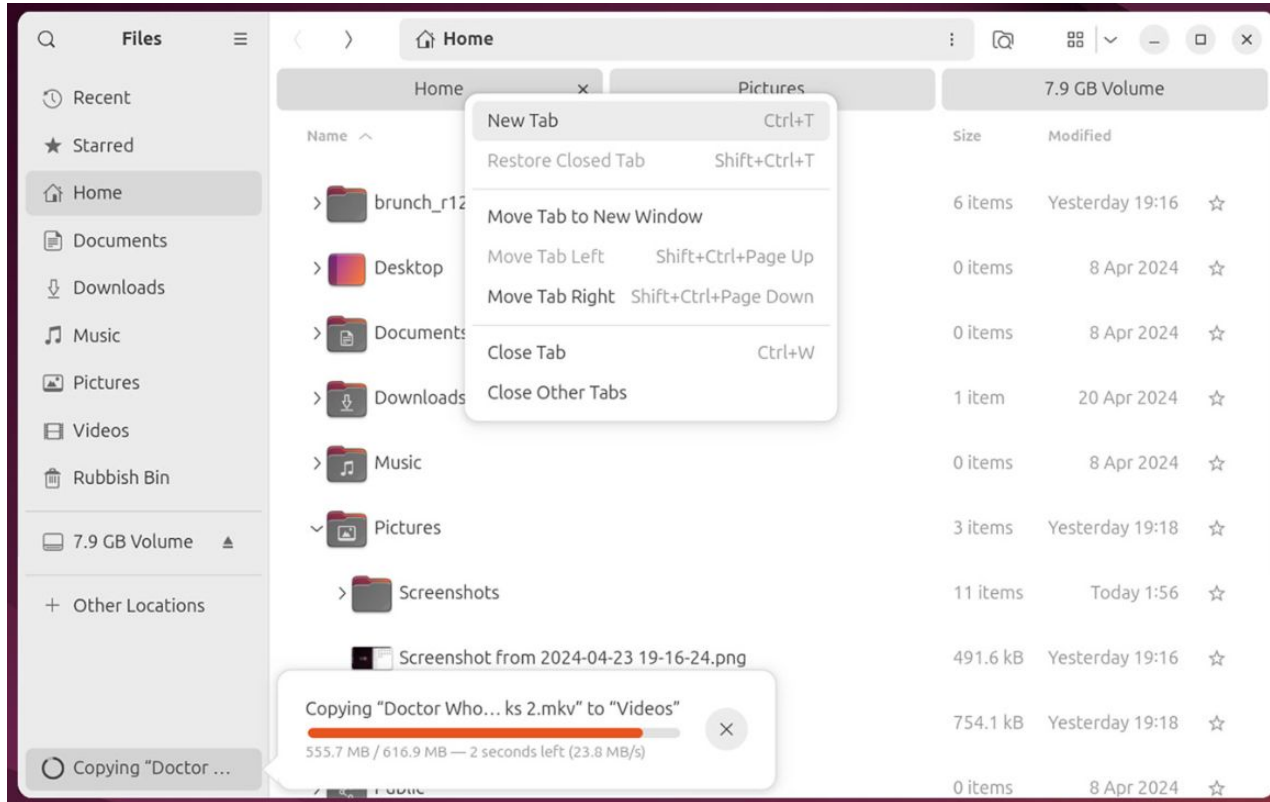
Dynamic workspace indicator



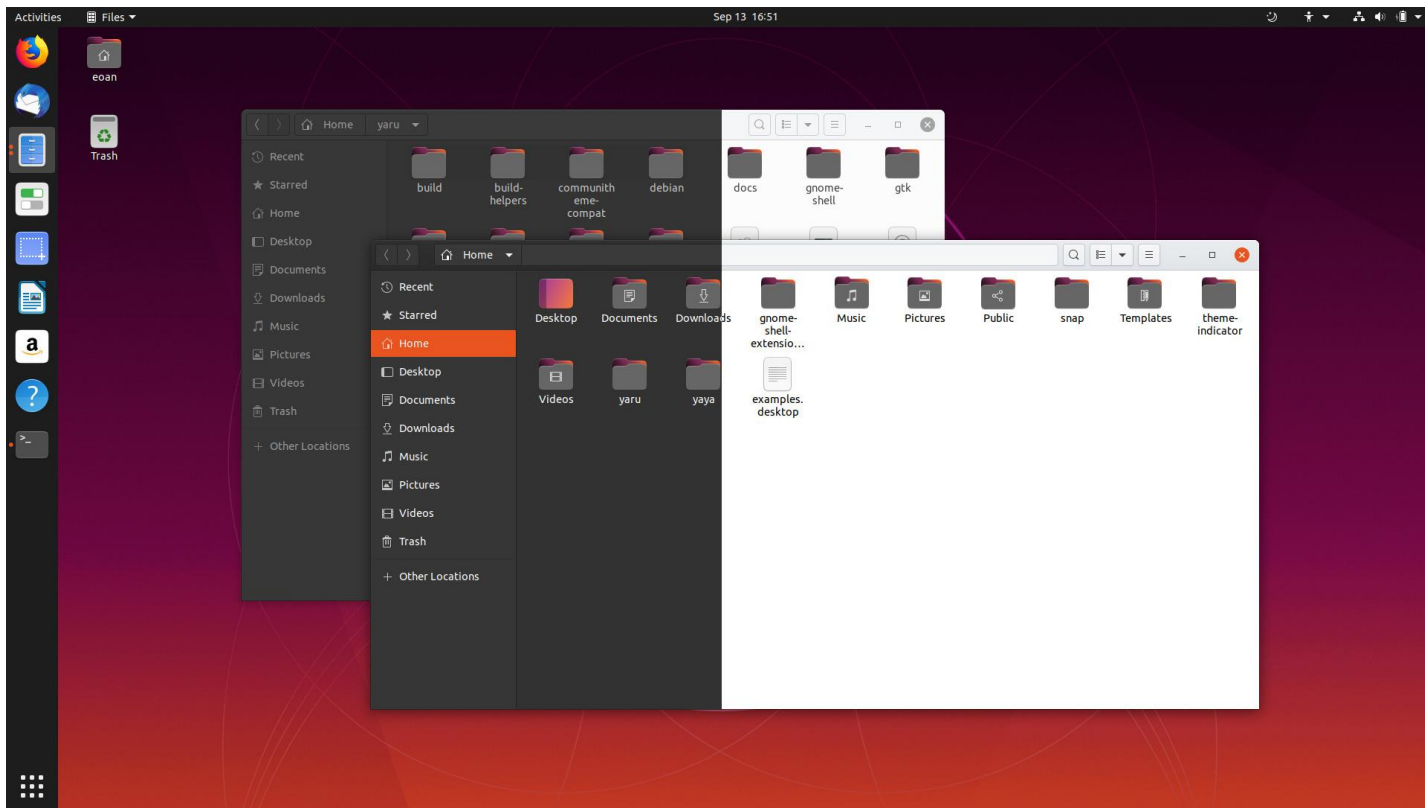
Firmware updater tool



Feature rich Nautilus file manager



Yaru themes



Online accounts

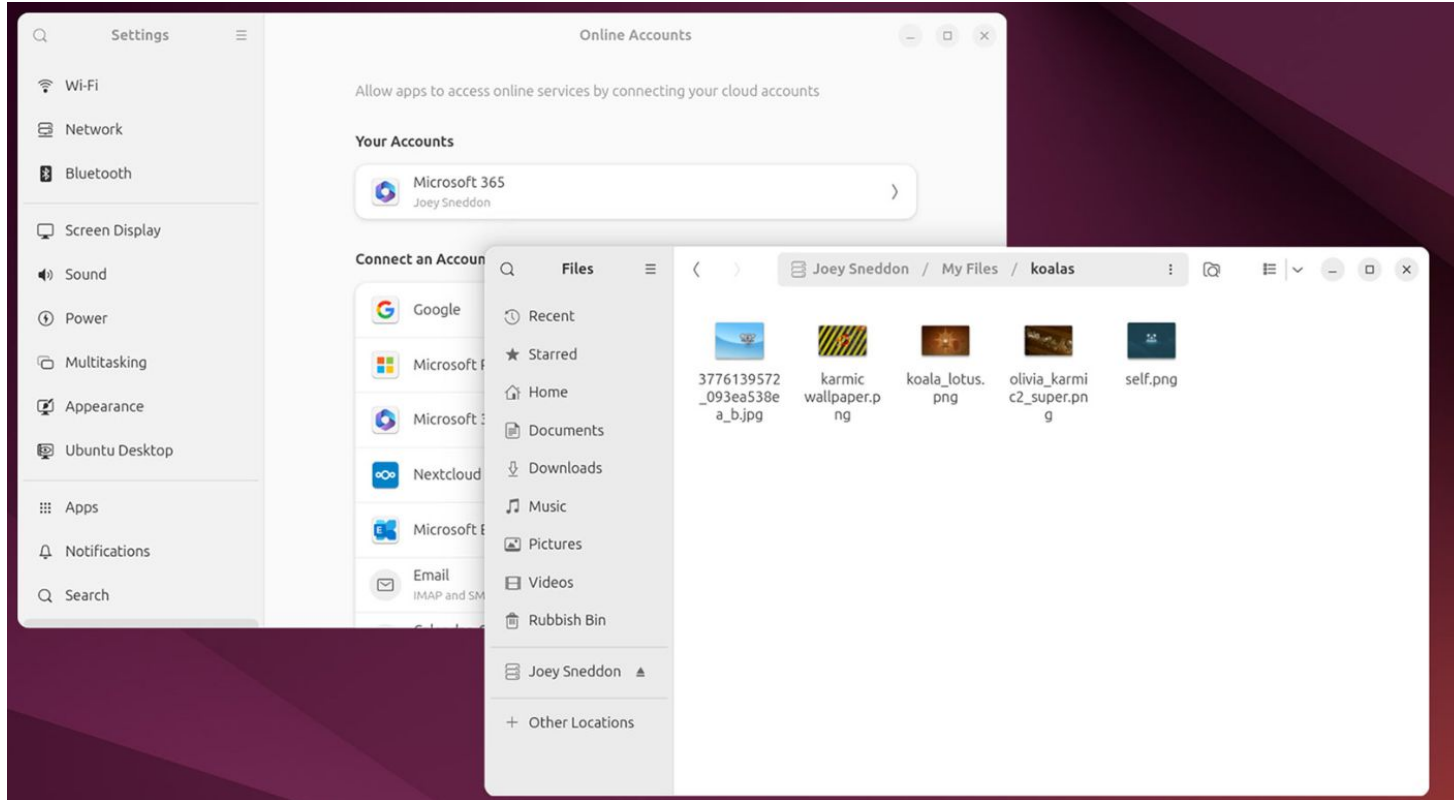




Image courtesy: TecMint

SUCCESSFUL PEOPLE

Linux



They Continuously
Learn New Things

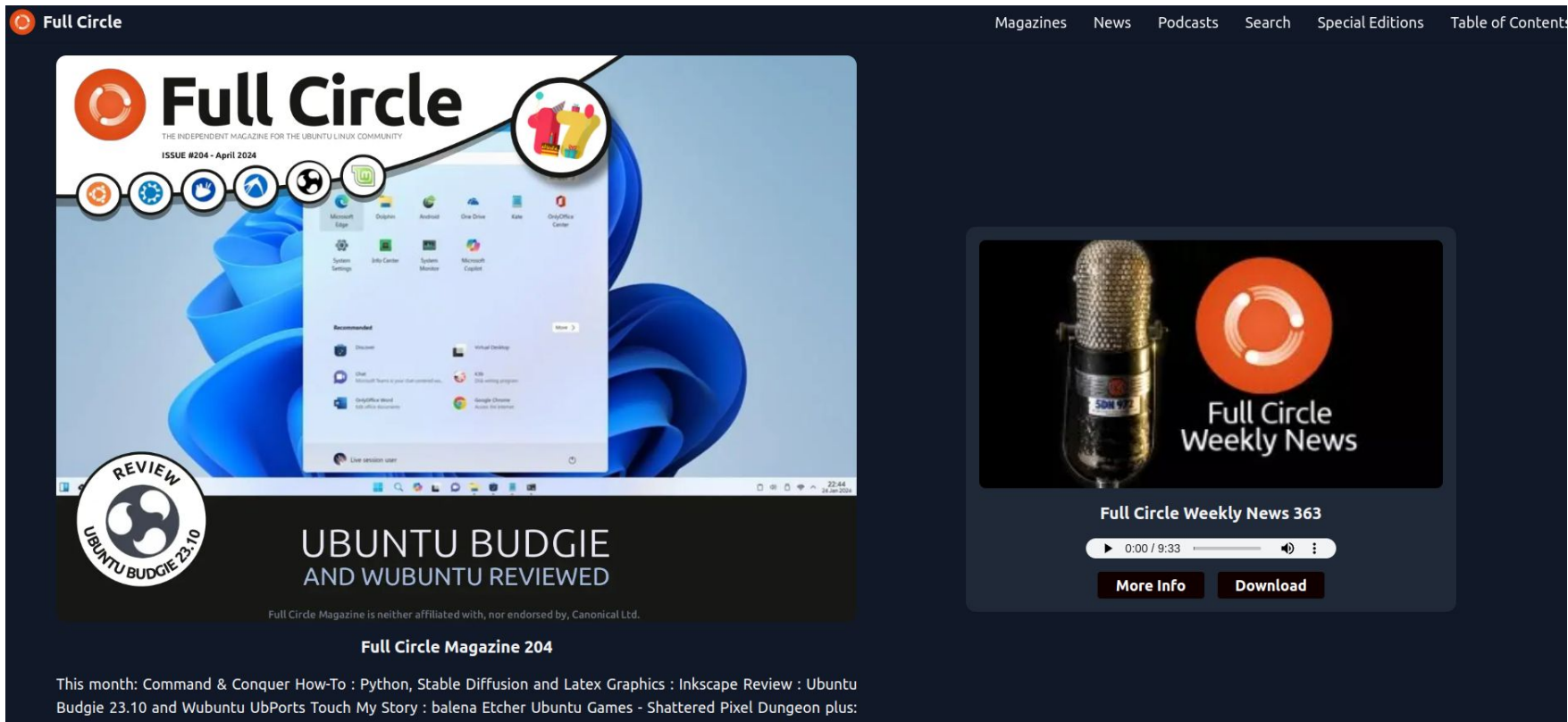
UNSUCCESSFUL PEOPLE

Windows



They Think They
Know It All

Keep in touch with Ubuntu



Full Circle

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Full Circle
THE INDEPENDENT MAGAZINE FOR THE UBUNTU LINUX COMMUNITY
ISSUE #204 - April 2024

REVIEW
UBUNTU BUDGIE 23.10

**UBUNTU BUDGIE
AND WUBUNTU REVIEWED**

Full Circle Magazine is neither affiliated with, nor endorsed by, Canonical Ltd.

Full Circle Magazine 204

This month: Command & Conquer How-To : Python, Stable Diffusion and Latex Graphics : Inkscape Review : Ubuntu Budgie 23.10 and Wubuntu UbPorts Touch My Story : balena Etcher Ubuntu Games - Shattered Pixel Dungeon plus:

Full Circle Weekly News 363

0:00 / 9:33

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Keep in touch with Ubuntu...

The image shows a screenshot of the YouTube channel page for 'Learn Linux TV'. The page is dark-themed with green accents. At the top, there's a search bar with 'linux tutorial tv' entered. Below the search bar is a banner with the text 'YOUR \$HOME FOR LINUX-RELATED FUN AND LEARNING' and a logo that says 'LEARN LINUX TV'. The channel name 'Learn Linux TV' is prominently displayed, along with the handle '@LearnLinuxTV', 633K subscribers, and 753 videos. A bio states: 'My name is Jay, and my Youtube channel is Learn Linux TV. As the name implies, my chan...more'. Below the bio are 'Subscribed' and 'Join' buttons. A navigation menu includes Home, Videos, Shorts, Live, Podcasts, Playlists, Community, and Store. On the left, there's a 'Subscriptions' list with channels like Apriyasathyanga..., FRIDAYFLIX, viswanathan Cvn, Safari, vijayakumar blat..., Linux Tex, and Money Malavalam. A video thumbnail for '10 Typical Linux Problems and How to Fix Them' is featured, showing a man pointing at a screen with '10 problems' and '10 solutions' written on it. At the bottom, there's a 'Our members' section with a 'Join' button and several member avatars.

YouTube

linux tutorial tv

Home

Shorts

Subscriptions

You >

Your channel

History

Playlists

Your videos

Watch later

Liked videos

LEARN LINUX TV

YOUR \$HOME FOR LINUX-RELATED FUN AND LEARNING

Learn Linux TV

@LearnLinuxTV · 633K subscribers · 753 videos

My name is Jay, and my Youtube channel is Learn Linux TV. As the name implies, my chan...more

[learnlinux.tv](#) and 4 more links

Subscribed Join

Home Videos Shorts Live Podcasts Playlists Community Store

Subscriptions

Apriyasathyanga... (4)

FRIDAYFLIX

viswanathan Cvn

Safari

vijayakumar blat... ·

Linux Tex

Money Malavalam ·

10 Typical Linux Problems and How to Fix Them

Learn Linux TV · 52K views · 2 months ago

Encountering issues on Linux? You're not alone. Linux, with all its power and flexibility, can sometimes throw challenges your way. If you're just starting out, this video covers ten common...

Our members

Thank you, channel members!

Join

Thank you....

*Feel free to ask
questions.*



2808@mgu.ac.in



<http://vimalkumar.info>



/vimal.kumar.vazhappally



/vimal0212

आचार्यात् पादमादत्ते पादं शिष्यः स्वमेधया ।
सब्रह्मचारिभ्यः पादं पादं कालक्रमेण च ॥

AchAryAt pAdamAdatte, pAdam
shiShyaH swamedhayA |
sa-brahmachAribhyaH pAdam,
pAdam kAlakrameNa cha ॥

**One fourth from the teacher, one
fourth from own intelligence,
one fourth from classmates, and one
fourth only with time.**

-Niti Sastra