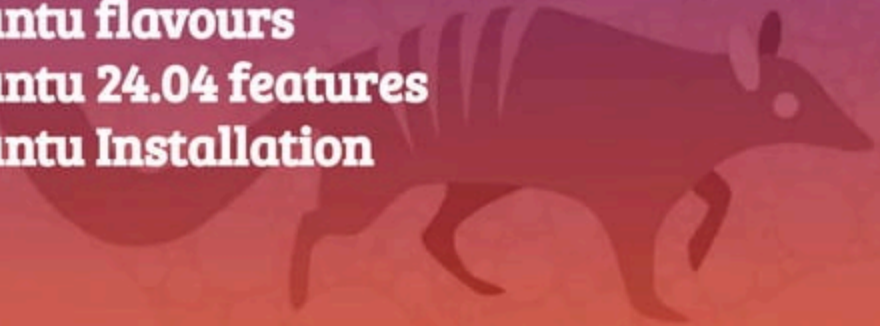
Release
PARTY
Ubuntu
NOBLE NUMBAT
10 AM, 3 MAY 2024
IIRBS AUDITORIUM
MAHATMA GANDHI UNIVERSITY
24.04
LTS

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

1985 — THE FREE SOFTWARE FOUNDATION IS CREATED BY RICHARD STALLMAN TO PROMOTE SOFTWARE FREEDOM AND FUND THE GNU PROJECT

1989 — GNU GPL VERSION 1 IS PUBLISHED TO ENSURE ELECTRONIC RIGHTS AND ALLOW COLLABORATION

1991 — LINUS TORVALDS POSTS HIS FAMOUS MESSAGE - "HELLO EVERYBODY OUT THERE USING MINIX..." AND RELEASES THE FIRST VERSION OF THE LINUX KERNEL

1992 — LINUS LICENSES VERSION 0.99 OF LINUX UNDER THE GNU GPL: "DEFINITLY THE BEST THING I EVER DID"

1993 — LINUX DISTRIBUTIONS ARE CREATED IN THIS YEAR WE SEE SLACKWARE AND DEBIAN BEING LAUNCHED

1996 — THE "TUX" LINUX MASCOT WAS CREATED BY LARRY EWING

1998 — JASPER NUYENS STARTS DELIVERING THE FIRST 24/7 LINUX SUPPORT IN EUROPE. ENTERPRISE LINUX USE KICKS OFF AND FUELS THE INTERNET BOOM

1999 — RED HAT GOES PUBLIC ON THE NASDAQ STOCK MARKET

2000 — LINUX BELGIUM IS CREATED AS THE BUSINESS INTERFACE TO THE LINUX COMMUNITY

2004 — UBUNTU LINUX DISTRIBUTION IS FOUNDED WITH AN INITIAL INVESTEMMENT OF 10M USD BY MARK SHUTTLEWORTH

2005 — PUPPET LABS IS FOUNDED TO SUPPORT THE MOST POPULAR CONFIGURATION MANAGEMENT SOFTWARE EVER

2007 — THE GPLv3 IS CREATED TO ADDRESS ISSUES LIKE SOFTWARE PATENTS AND THE MICROSOFT PACT

2008 — THE FIRST ANDROID BASED SMARTPHONE IS LAUNCHED. AFTER 2 YEARS, MOST SMARTPHONES ARE ANDROID BASED

2012 — THE RASPBERRY PI IS INTRODUCED TO MAKE EMBEDDED LINUX MORE ACCESSABLE TO THE GENERAL PUBLIC. IN 2 YEARS 1 MILLION UNITS ARE SOLD

2013 — 8 YEARS AFTER LINUS CREATED GIT, IT HAS BECOME THE MOST POPULAR VERSION CONTROL SYSTEM IN THE WORLD

2014 — THE DEDICATED LINUX EDUCATION CENTER IS OPENED IN DIGEM.

2015 — 30 YEARS OF GNU HAVE BEEN VERY EXCITING AND CHANGED THE FACE OF THE PLANET. FROM SUPER COMPUTERS TILL EMBEDDED DEVICES. LINUX IS EVERYWHERE

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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 .....

	APACHE	BSD	MIT	GPL Free as in Freedom	LGPL Free as in Freedom	AGPL Free as in Freedom
Type	Permissive	Permissive	Permissive	Copyleft	Copyleft	Copyleft
Provides copyright protection	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE
Can be used in commercial applications	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE	✓ TRUE
Provides an explicit patent license	✓ TRUE	✗ 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 /ʊˈbʊntuː/

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.

debian

Linux is an Operating System?

Image courtesy: Pinterest

Linux flavours

Image courtesy: alfa-editores.com.mx

Linux flavours

Linux distro making

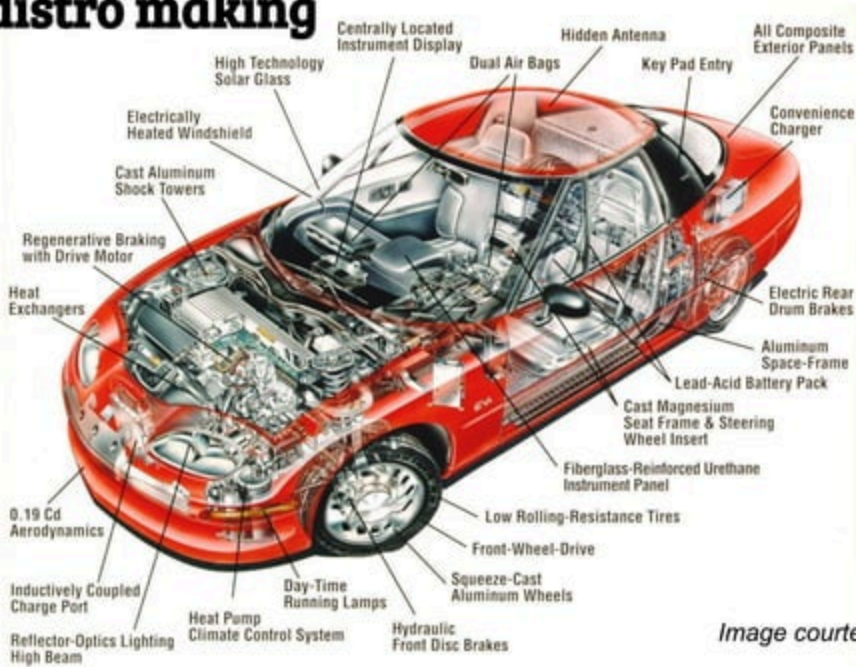
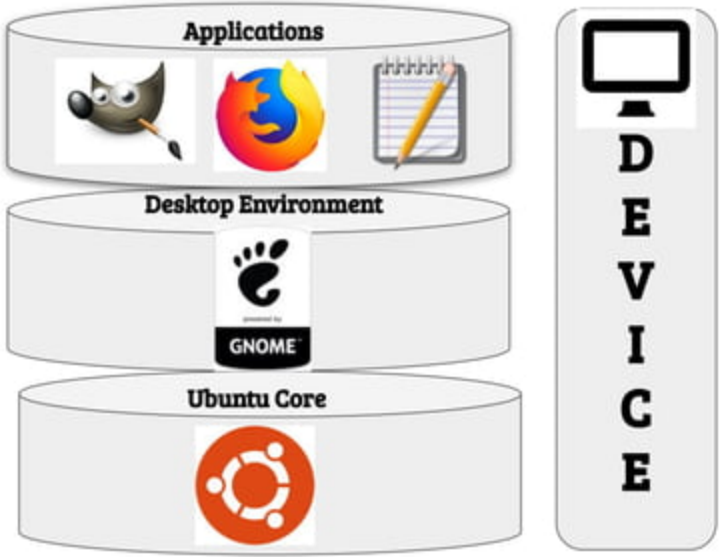


Image courtesy: General Motors

Ubuntu OS architecture



CHOOSE THE PERFECT UBUNTU FLAVOR FOR YOU!

EDUBUNTU

KUBUNTU

LUBUNTU

UBUNTU BUDGIE

UBUNTU CINNAMON

UBUNTU KYLIN

UBUNTU MATE

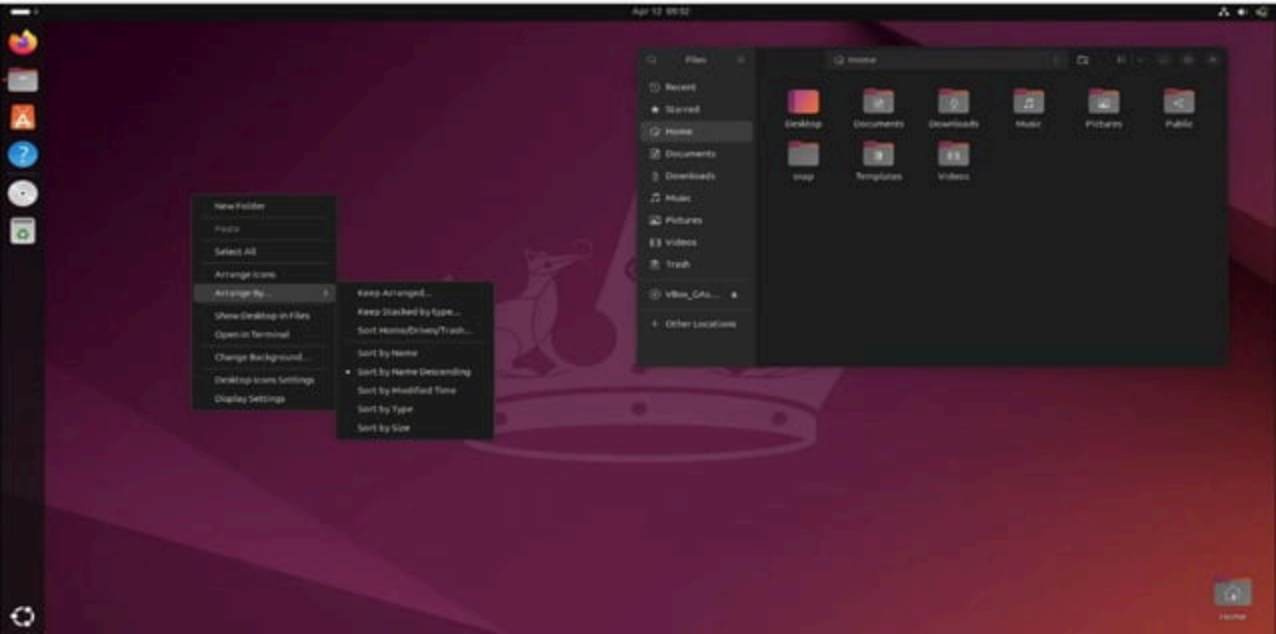
UBUNTU STUDIO

UBUNTU UNITY

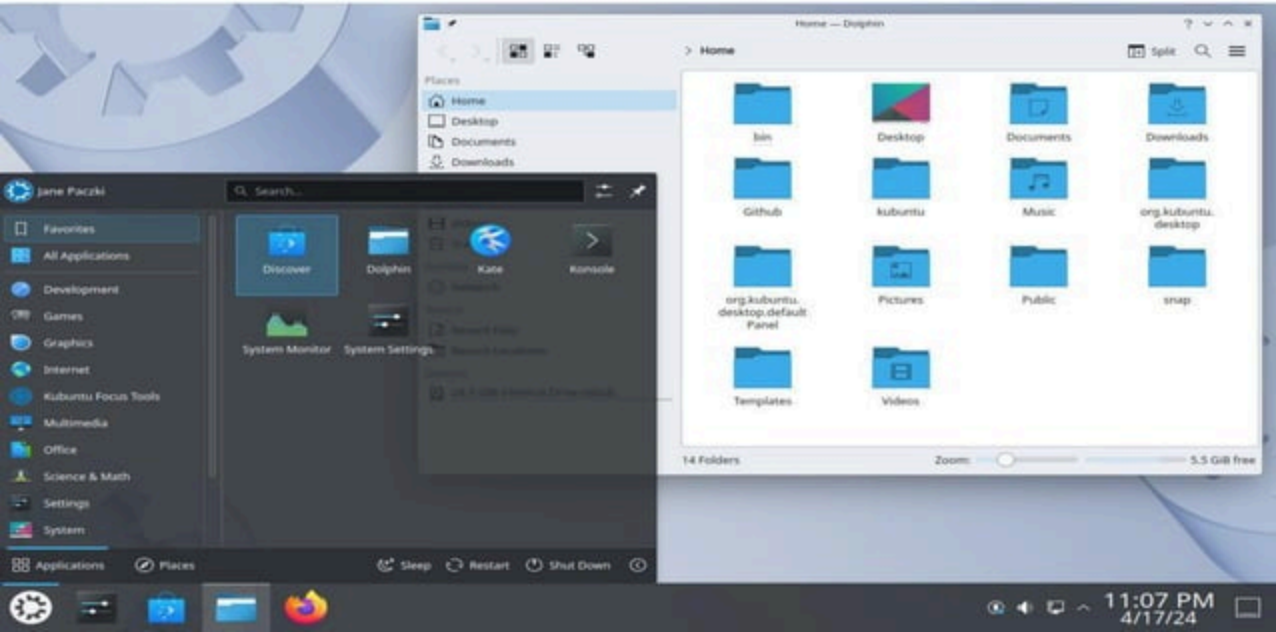
XUBUNTU

WHICH UBUNTU SHOULD I USE?

Ubuntu GNOME Desktop

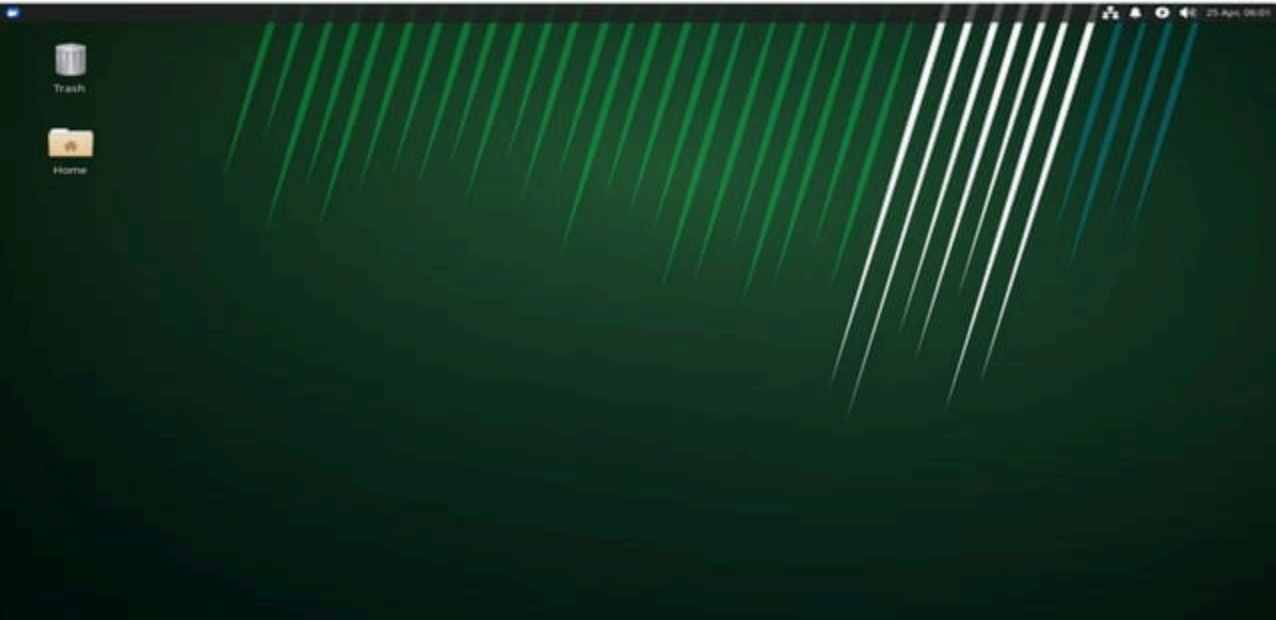


Kubuntu Desktop



Ubuntu MATE Desktop

Xubuntu Desktop

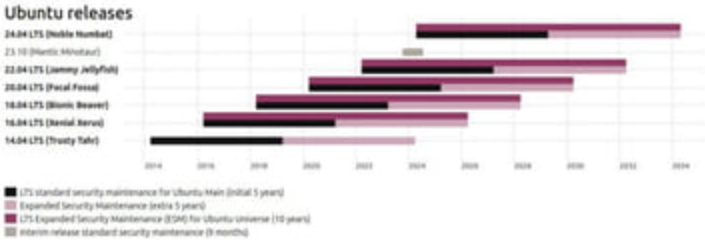


Lubuntu Desktop

Ubuntu Cinnamon

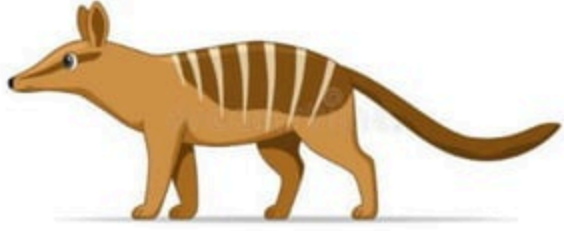
Ubuntu on a low profile computer

Life of Ubuntu



	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

Image courtesy: Ubuntu.com



Ubuntu 24.04
Noble Numbat

Hardware support for Ubuntu

https://certification.ubuntu.com

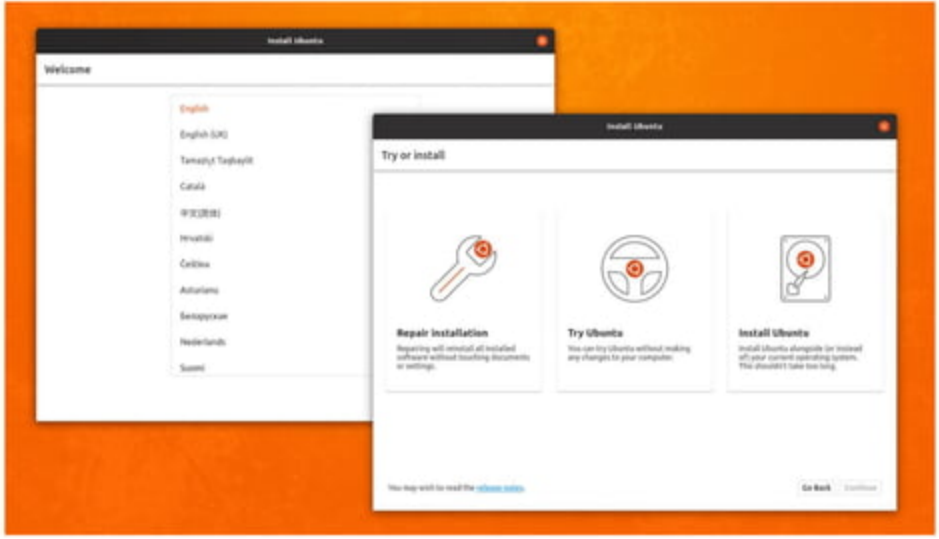
Ubuntu Certified hardware

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.

Easily Create Multiboot USB

Ubuntu 24.04 LTS
Ubuntu 24.04
"Noble Numbat"
Best Features

Flutter based installer

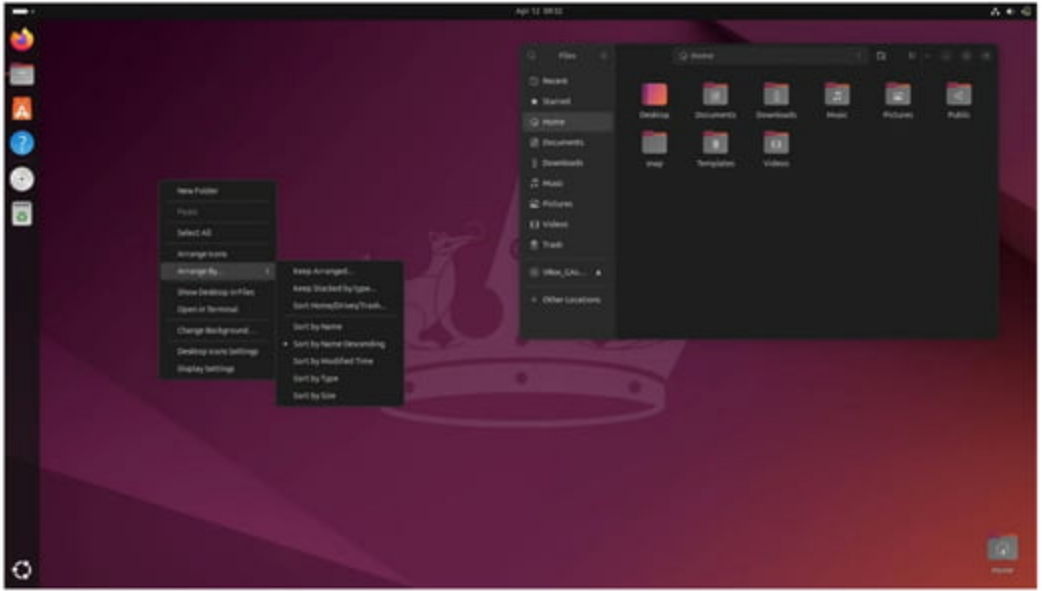


Minimal install

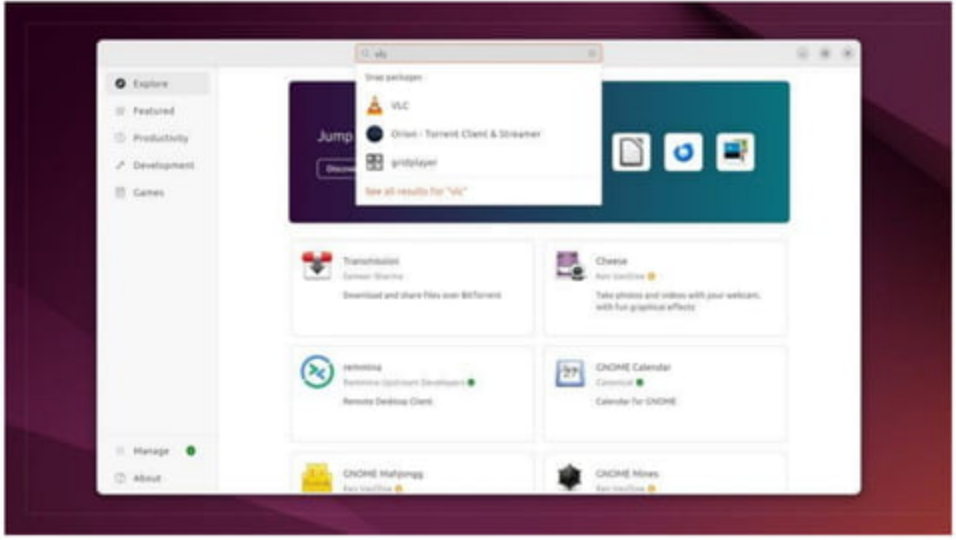
Linux kernel 6.8

https://www.omgubuntu.co.uk

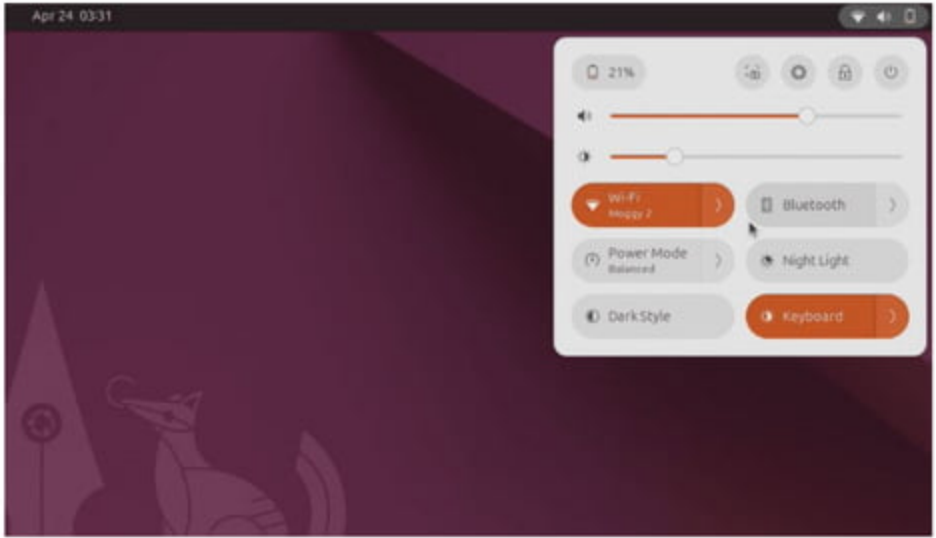
GNOME 46


Apr 12 09:32
Files
Recent
Starred
Home
Documents
Downloads
Music
Pictures
Videos
Trash
Other Locations
Desktop
Documents
Downloads
Music
Pictures
Public
snap
Templates
Videos
New Folder
Paste
Select All
Arrange Icons
Arrange By...
Show Desktop in Files
Open in Terminal
Change Background...
Desktop Icons Settings
Display Settings
Keep Arranged...
Keep Stacked by Type...
Sort Home/Drives/Trash...
Sort by Name
Sort by Name Descending
Sort by Modified Time
Sort by Type
Sort by Size

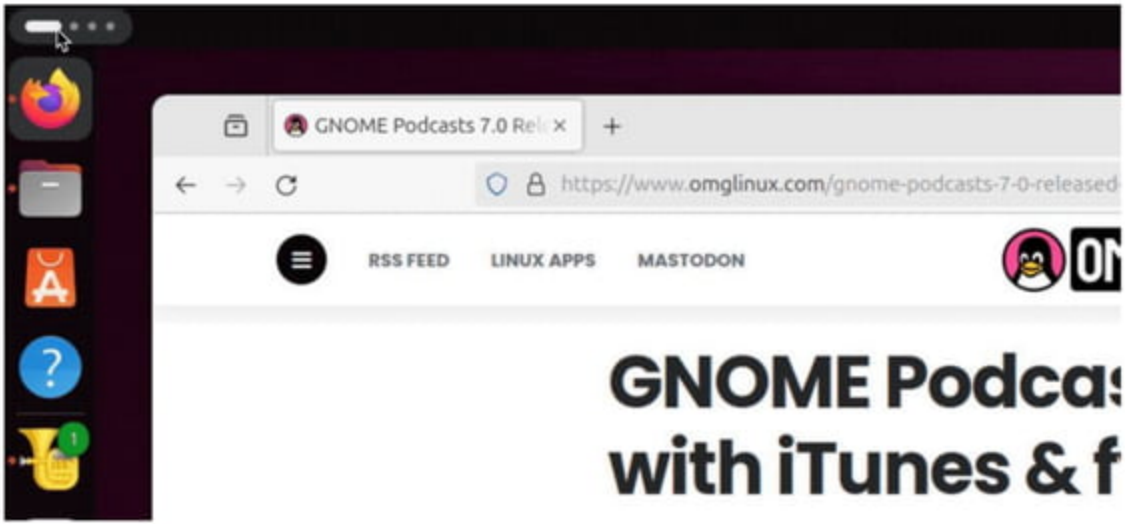
New app centre



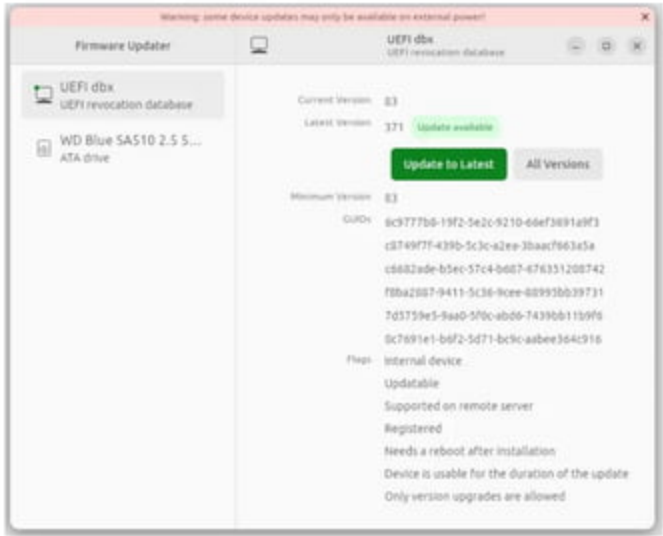
Quick settings



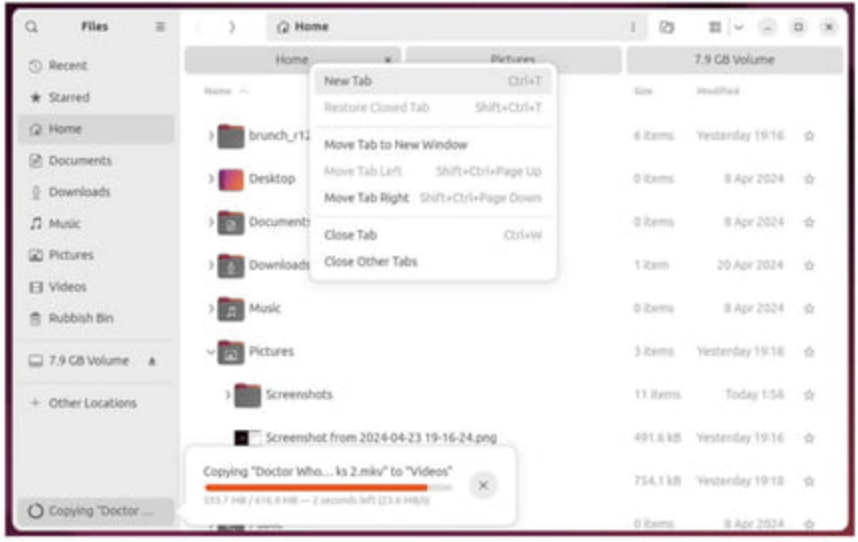
Dynamic workspace indicator



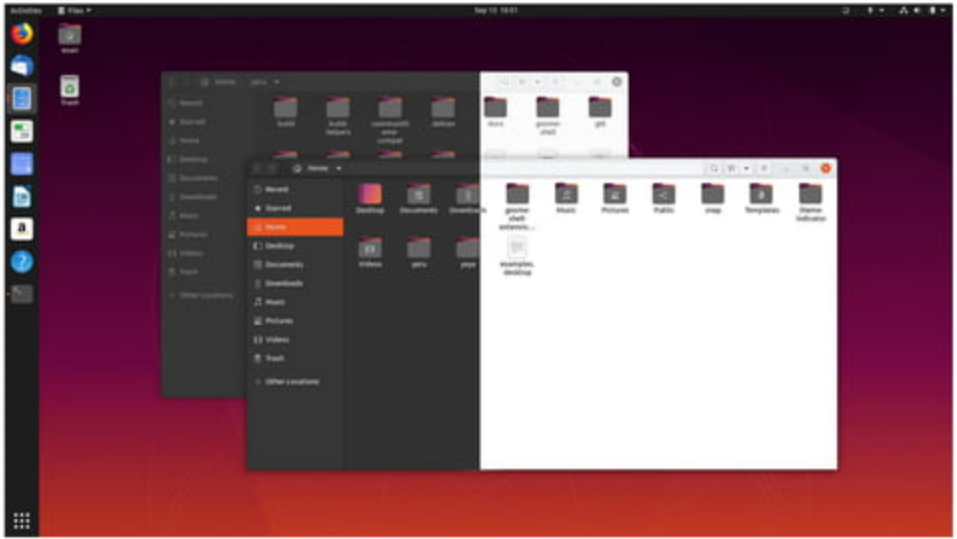
Firmware updater tool



Feature rich Nautilus file manager



Yaru themes



Online accounts

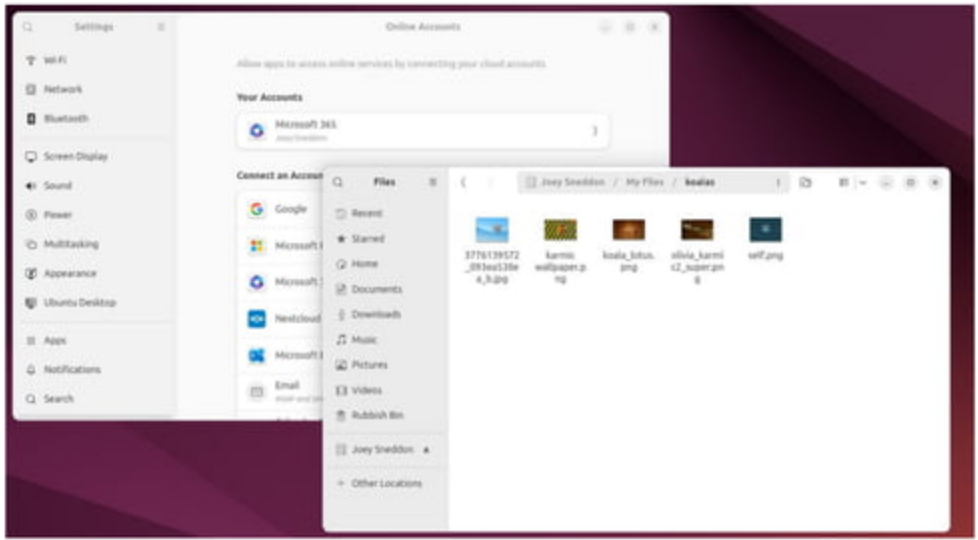
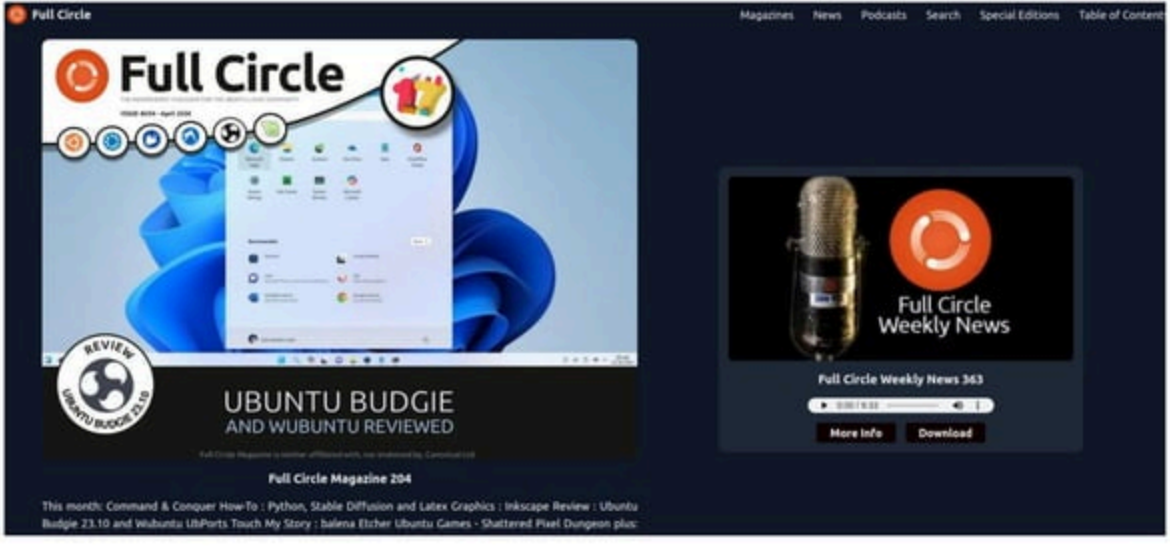


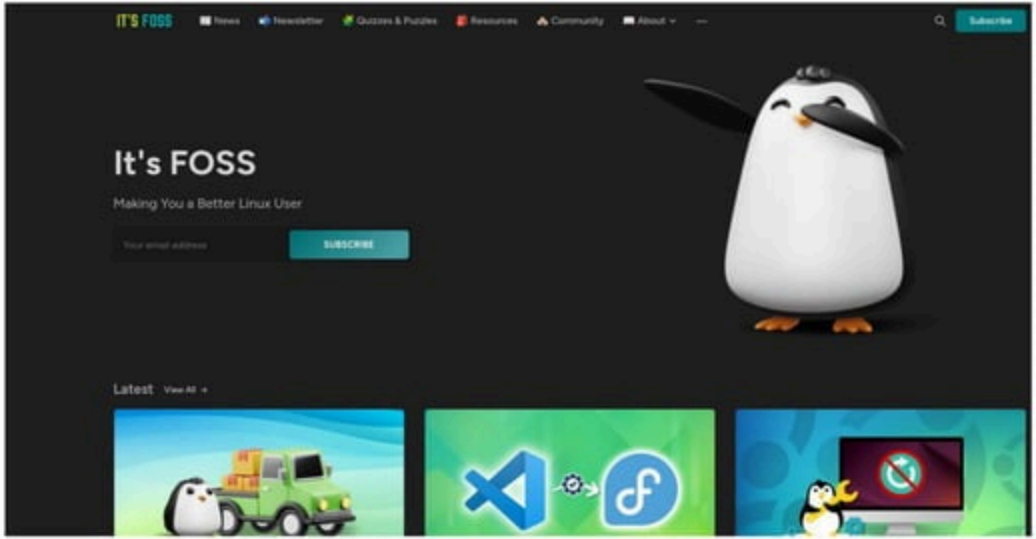
Image courtesy: TecMint

SUCCESSFUL PEOPLE	UNSUCCESSFUL PEOPLE
Linux	Windows
They Continuously Learn New Things	They Think They Know It All

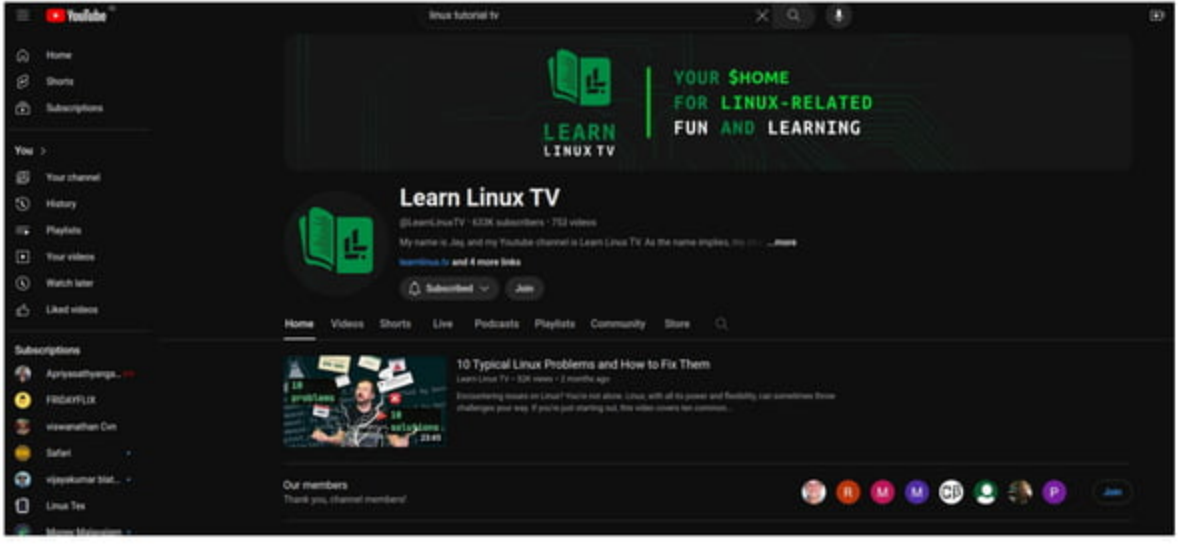
Keep in touch with Ubuntu



Keep in touch with Ubuntu...



Keep in touch with Ubuntu...



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