



Introduction to Linux

Presentation for the

Willow Valley Computer Club

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Presented by:

John “Free John” Kennedy

freejohn@protonmail.com



Member of the
East-Central Ohio Technology Users Club
Newark, Ohio

Presented by:

John “Free John” Kennedy

freejohn@protonmail.com



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What is Linux?



Linux is.....

- An “open-source” operating system
- Runs on “multi-platform” hardware
- FREE (as in freedom and free lunches)
- Just like Windows (Microsoft) and MacOS (Apple)
- Works and acts just like your current computer

Linux is.....

- Very secure and stable
- Scalable (Pi's to Mainframes)
- Flexible (personal, office, to multimedia)
- Efficient (only run what you need, not everything)
- Very lightweight, requires less resources

And Did I Mention.....

● It's FREE

Not Your “One of a Kind”

- There’s only one version of Windows
- There’s only one version of MacOS
- Linux is like Cars, many versions

Cars Have Many Makes

- General Motors
 - Chevy
 - Buick
 - Cadillac
- Ford
 - Ford
 - Mercury
 - Lincoln
- Honda (Acura)
 - Civic
 - Accord
- Toyota (Lexus)
 - Corolla
 - Camry
 - Avalon

Linux Has Many “Makes” (Distributions)

- Slackware
 - Salix
- Debian
 - Ubuntu/Mint
- Red Hat
 - Fedora
- SuSE
 - Gecko
- Gentoo
 - ChromeOS
- Arch
 - Manjaro
- Ubuntu
 - Mint

Cars Have Many Models

- Compact
- Sedans
- Minivans
- SUVs
- Electric
- Trucks
- Crossovers/Hybrids

Linux Has Many “Models” (Desktop Environments)


- Xfce
- LXQt
- Gnome3
- MATE
- KDE Plasma
- Cinnamon
- Enlightenment
- Deepin
- Pantheon
- Budgie

Timeline for Development – All Started with Unix


- '90-Windows 3.0
- '93-Windows 3.11
- '95-Windows 95
- '98-Windows 98
- '01-Windows XP
- '93-Slackware
- '93-Debian
- '94-Red Hat
- '99-Gentoo
- '01-Arch

Why Are There So Many?

- Personal Choices (cars)
- Open Source (recipes)



Who uses
Linux?

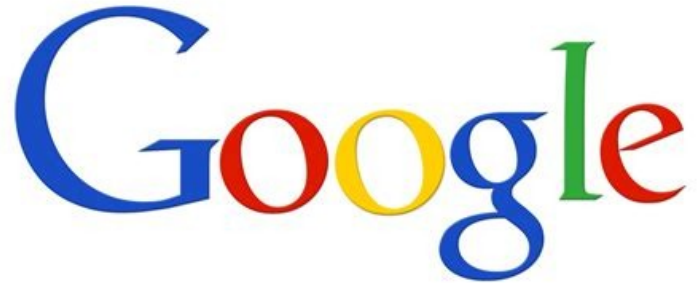


Who Uses Linux?



(show of hands)

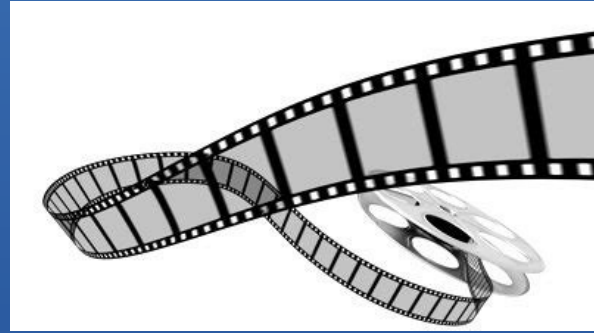
Have You ever

The Google logo is displayed in its characteristic multi-colored font (blue, red, yellow, green, red) on a white background.The Amazon.com logo is shown in black text with a yellow curved arrow underneath the word "amazon" on a white background.The Facebook logo is shown in blue, featuring a white lowercase 'f' inside a blue square followed by the word "facebook." on a white background.

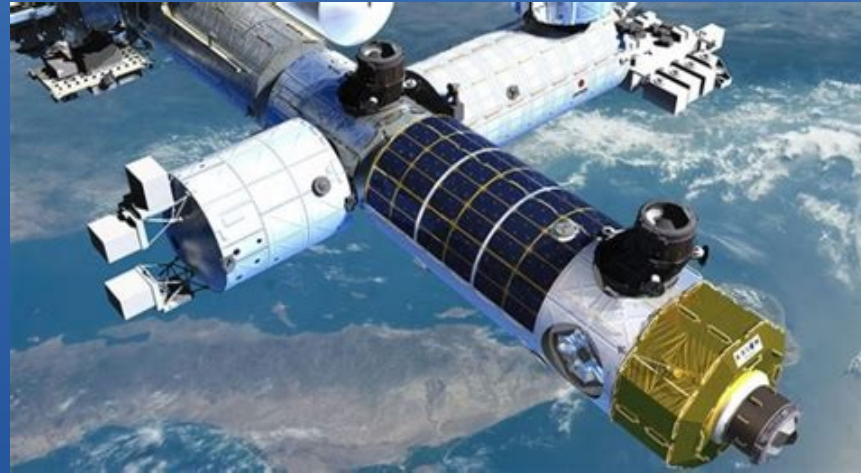
Have You ever



Have You ever



Have You ever



Have You ever



Have You ever






Everything you
saw, runs Linux




Shirt Designed by TuxDigital





So, Who uses
Linux?



Would You Believe

You Do!


Would You Believe

Just not on your
desktop.




The World Runs on Linux
But, the Desktop Runs on
Windows and MacOS





Why haven't I
seen Linux?



You Just Don't See It

- WHY?

- \$ \$ \$ \$ \$



You Just Don't See It

- WHY?

- \$ \$ \$ \$ \$ - Advertisement

\$\$\$\$\$\$ - Advertisement

- Microsoft/Apple cost
- Linux doesn't cost

You Just Don't See It

- WHY?

- Software Waterfall

Microsoft Office

- Business
- University
- Public Schools
- Homes


You Just Don't See It

- WHY?


- \$ \$ \$ \$ \$ - Manufactures

\$\$\$\$\$\$ - Manufactures

- Microsoft paid computer manufactures to include Windows
- Apple made their own
- Linux, no money to pay**



Why would you
want Linux?



You want Linux because it's.....

- Open source, so nothing is hiding from you
- FREE
- Customize-able to meet your demands
- More secure, reliable, and stable
- Many “models and makes” to choose from

You want Linux because it's.....

- Works on new AND old hardware
- FREE (did I mention that?)
- Control over updates
- Little disk space required and needs less RAM
- Unbelievable amount of FREE software
- It's YOURS (not theirs)



Do you recognize
these screenshots?





Trash



Microsoft Edge



File Manager

The taskbar at the bottom of the screen contains the following elements from left to right: the Windows Start button, a search bar with the text "Type here to search", and several application icons including Task View, Search, File Explorer, Microsoft Edge, and another application. On the right side of the taskbar, there are system tray icons for network, volume, and power, along with the system clock showing "3:03 PM".



Trash

Start menu interface with application lists and navigation icons.

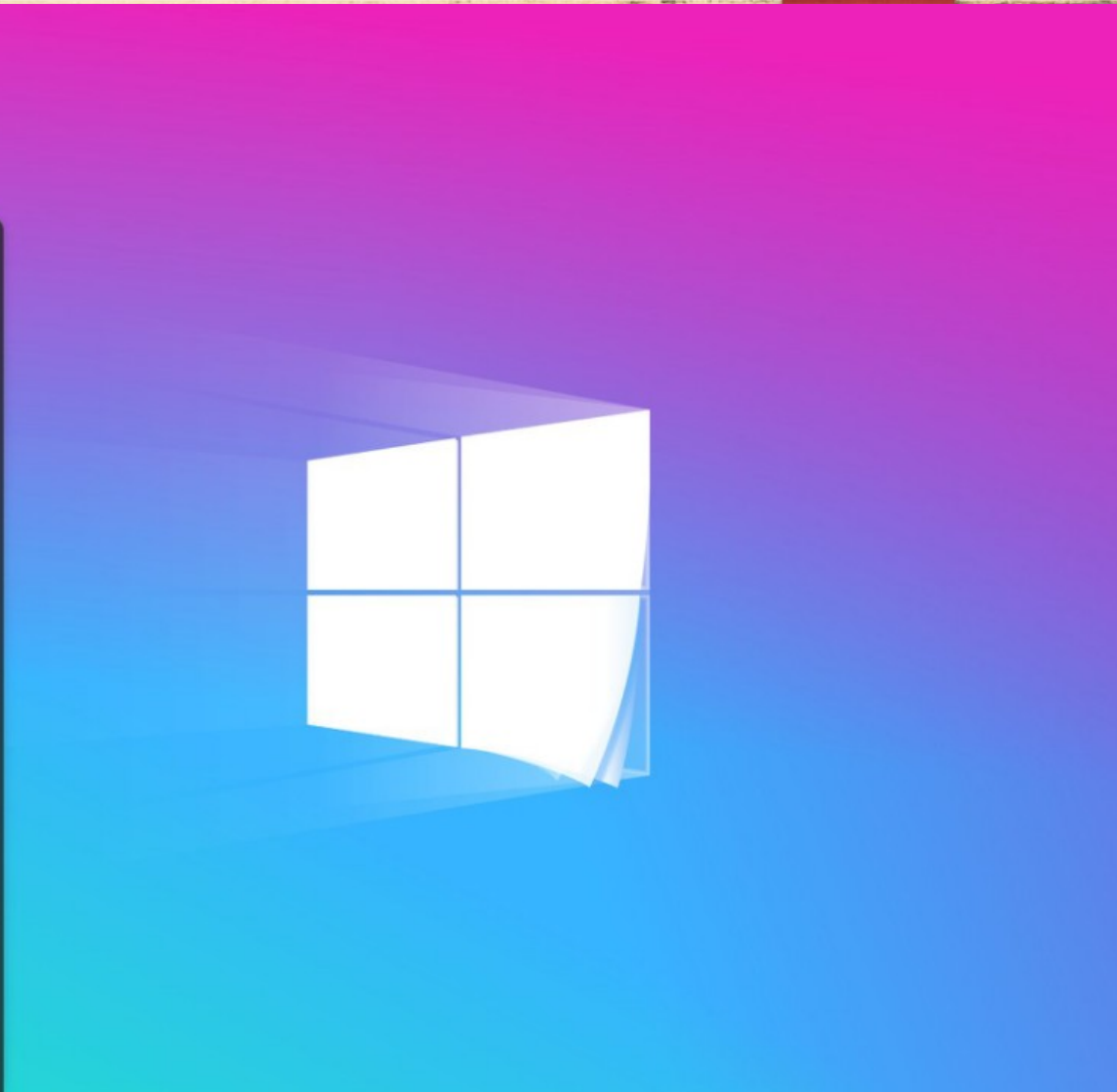
- A**
 - Advanced Network Configuration
 - Android File Transfer (MTP)
 - AntiMicro
 - AnyDesk
 - Ark
- C**
 - Chat
 - Cheese
 - CID
 - CID Change Pass
- D**
 - Discover
 - Dolphin
- E**

Navigation icons on the left: Home, Desktop, Recent, Favorites, Search, Power, Refresh, Back, Forward.

Favorites

- Microsoft Edge
- Dolphin
- Microsoft P...
- System Moni...
- System Setti...
- Linuxfx Regis...

Recent



Taskbar and system tray area.

- Search bar: Type here to search
- Taskbar icons: Task View, Search, File Explorer, Microsoft Edge, Docker Desktop
- System tray: Network, Volume, Bluetooth, Notification Area Icons, System Clock (3:03 PM)



Do you recognize
these screenshots?

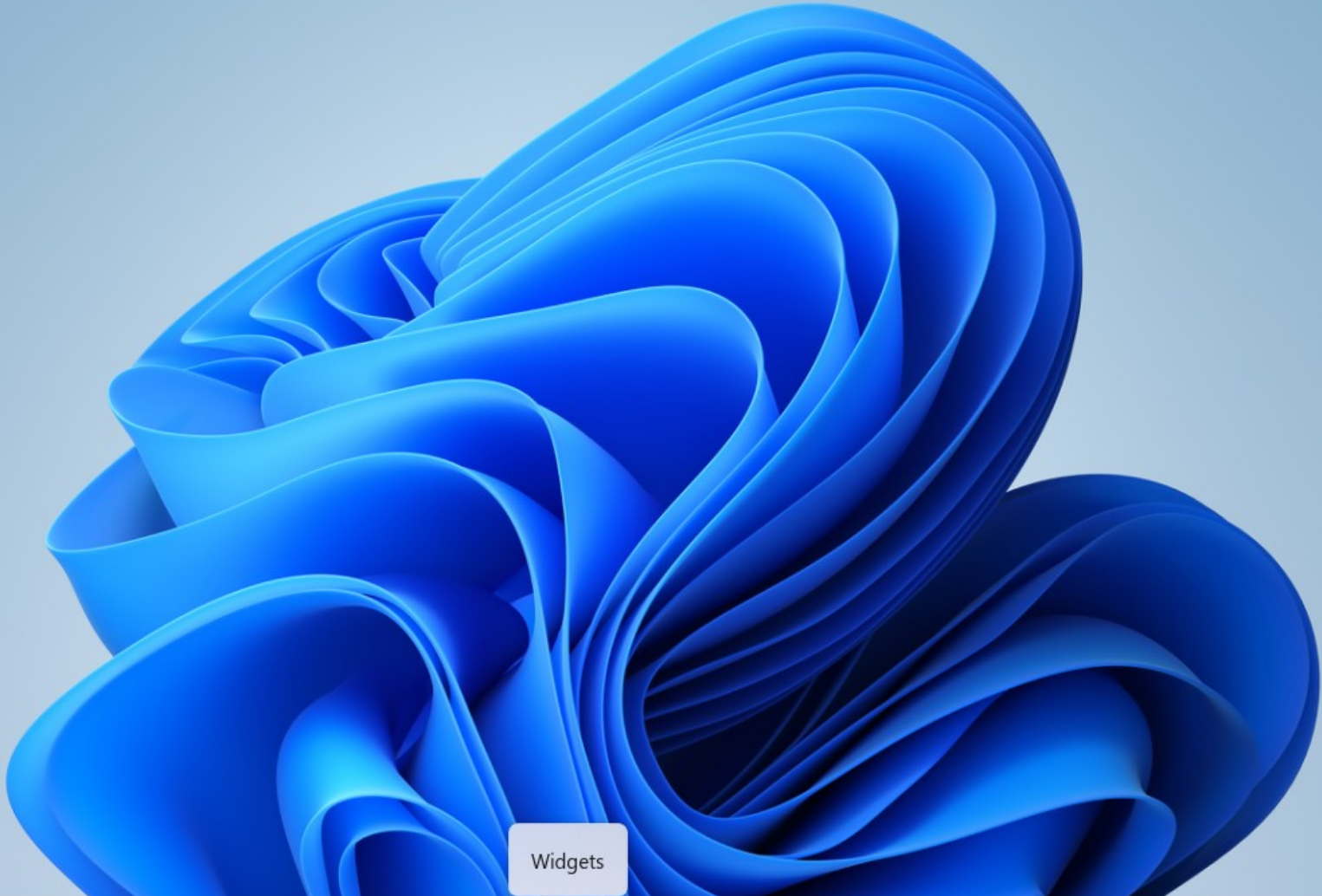




Trash



Microsoft Edge



Widgets



12:50 PM





Trash



Microsoft Edge

Type here to search

Pinned

All apps >



Microsoft Edge



Dolphin



Discover



KMail



KPhotoAlbum



Microsoft PowerShell



System Monitor



System Settings



Linuxfx Register

Recommended



Konsole
Command line access



KTnef
A viewer/extractor for TNEF files



Google Chrome
Access the Internet



One Drive
One Drive



vbox



12:50 PM



For quick access, place your favorites here on the favorites bar. [Manage favorites now](#)

☰ 🌞 79°F

Sign in 🔔⁶ ⚙️

Search the web 🔍



Office



Amazon Assi...



eBay



Hulu



Bing



Wayfair



QVC



Disney+



Kohl's



☰ **My Feed** 🇺🇦 War in Ukraine Sports Top Stories Local Coronavirus Money News ... Personalize Content partially visible ⌵



Trash



Microsoft Edge

Settings



vbox
Local Account

System

- System
- Bluetooth and Devices
- Network and Internet
- Customization
- Applications
- Accounts
- Time and language
- Games
- Accessibility
- Privacy and Security
- Linuxfx Update



Select a theme to apply



Color

Highlight color, transparency effect, color theme



Themes and Icons

Install, create, manage



Lockscreen

Lock screen images, apps, animations





12:56 PM






Guess What?





Those were
actually two
versions of Linux



*Thank you
for allowing me
to share
“Linux” with you.*

- Please feel free to contact me with questions, or comments about the FREE, CUSTOMIZABLE, and SECURE Linux operating system:

freejohn@protonmail.com