

Why Linux?

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Organization: Lobostrategies

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Agenda

- Linux Birthday
- Some Interesting Questions?
 - What Is Linux?
 - Why Not Linux?
- Linux *Is A Religion*
 - Personal Testimony
 - Why I Use Linux
- Which Linux?

Happy Birthday!

- 1971: Unix released
- 1983: GNU Project started by Richard Stallman
- 1984: Bell Labs starts selling/licensing Unix
- 1985 GNU General Public License released
- 1987: Andrew Tanenbaum releases MINIX
- August 1991: Linus Torvalds announces his intentions to build an alternative to MINIX.
- September 1991: Linus Torvalds uploads his first work on this kernel. It was posted originally as...
 - The FREAX operating system
 - Ari Lemke didn't like the name and changed it to Linux.

Important Questions

- What were you doing in 1991?
- What operating system were you running?
- When did you first hear about Linux?
- When did you first use a system that featured the Linux kernel?
- What was your first Linux distribution?

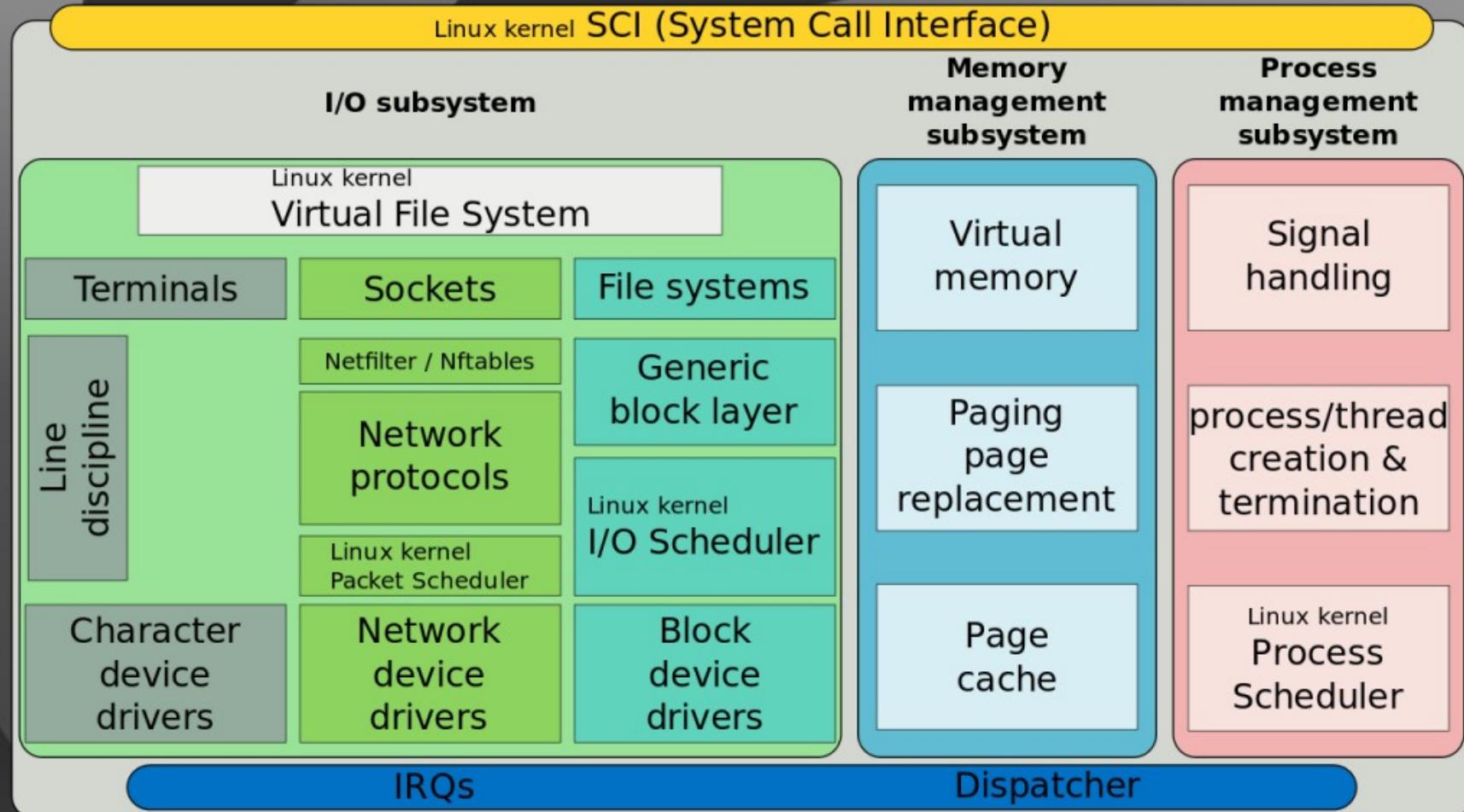
Start at the Beginning

What is Linux ?

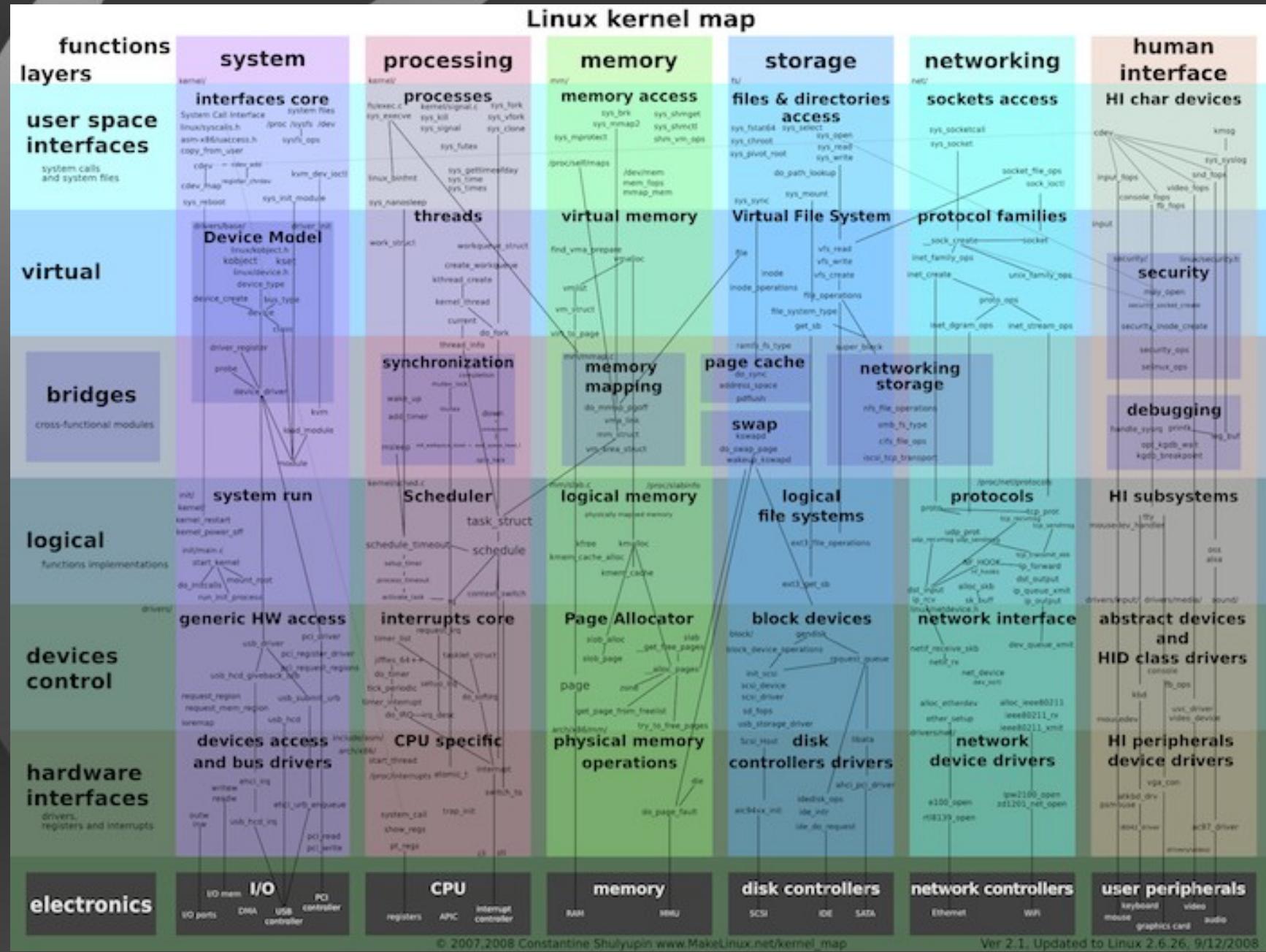
Linux is a Unix-like computer operating system assembled under the model of free and open source software development and distribution. The defining component of Linux is the Linux kernel, an operating system kernel first released 5 October 1991 by Linus Torvalds.



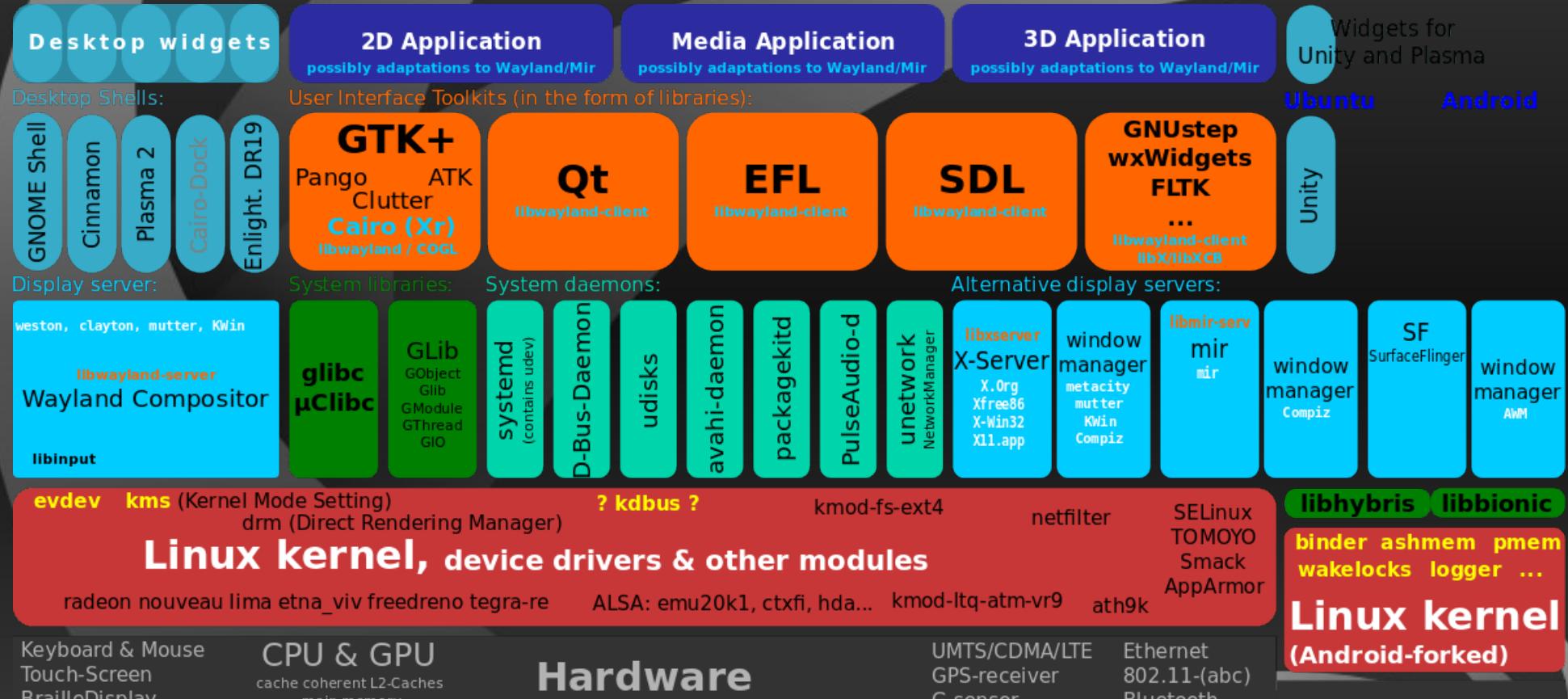
Linux Is An OS Kernel



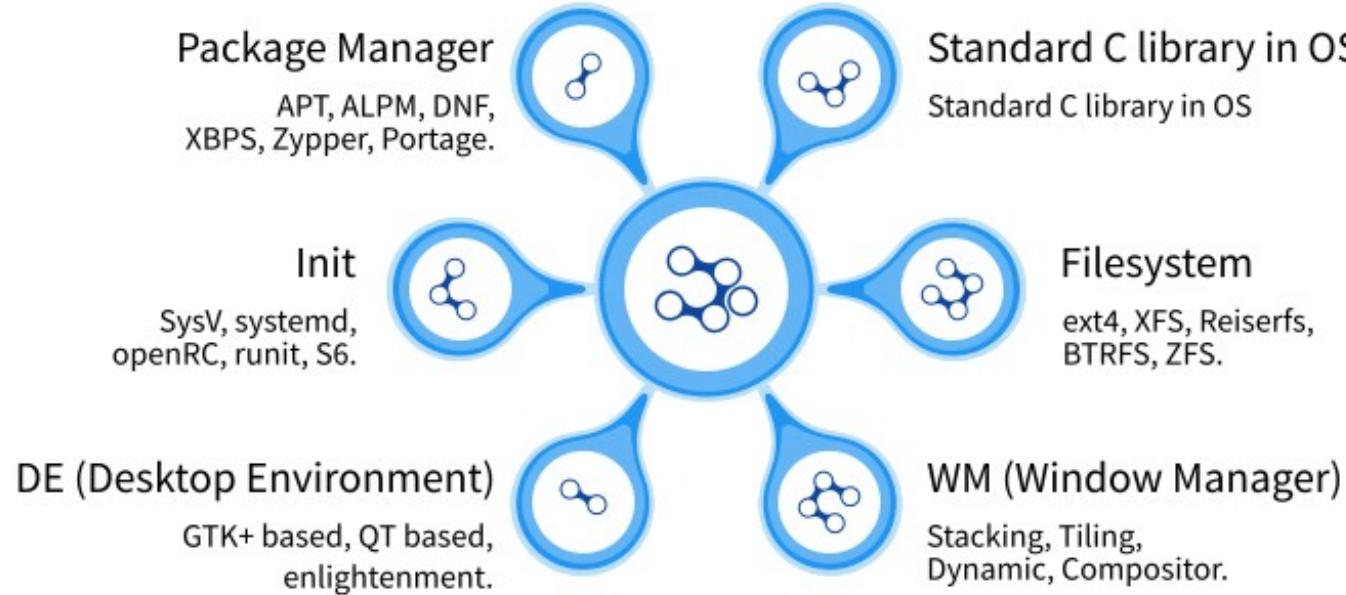
Linux Is An OS Kernel



A Distribution Is So Much More



How Modular is Linux?



Do not forget about kernel differences.

Strawmen: Why Not Linux?

- “Linux Is Poorly Supported”
- “Linux Doesn’t Run On Current H/W”
- “Linux Is Ugly”
- “Linux Isn’t For Everyone”
- “Linux Is Too Complicated”

“Linux Is Poorly Supported”

False: Linux is well-supported

- Linux is supported by every H/W appliance vendor who features Linux in their equipment.
- Linux is supported by an amazing (and inexhaustible) peer community.
- Linux is supported by companies that contribute to the kernel and to other FOSS projects.
- Linux support can be purchased from a variety of sources.

“Linux Doesn’t Run On Current H/W”

False: Linux supports more hardware than any other operating system

- Linux runs on every major hardware platform in existence. The majorityy of Linux instances run on i386 H/W and on ARM H/W.
- Linux is embedded in practically every white-label device you can purchase.
- Linux kernel is in every Android device.

Linux Controls My Life

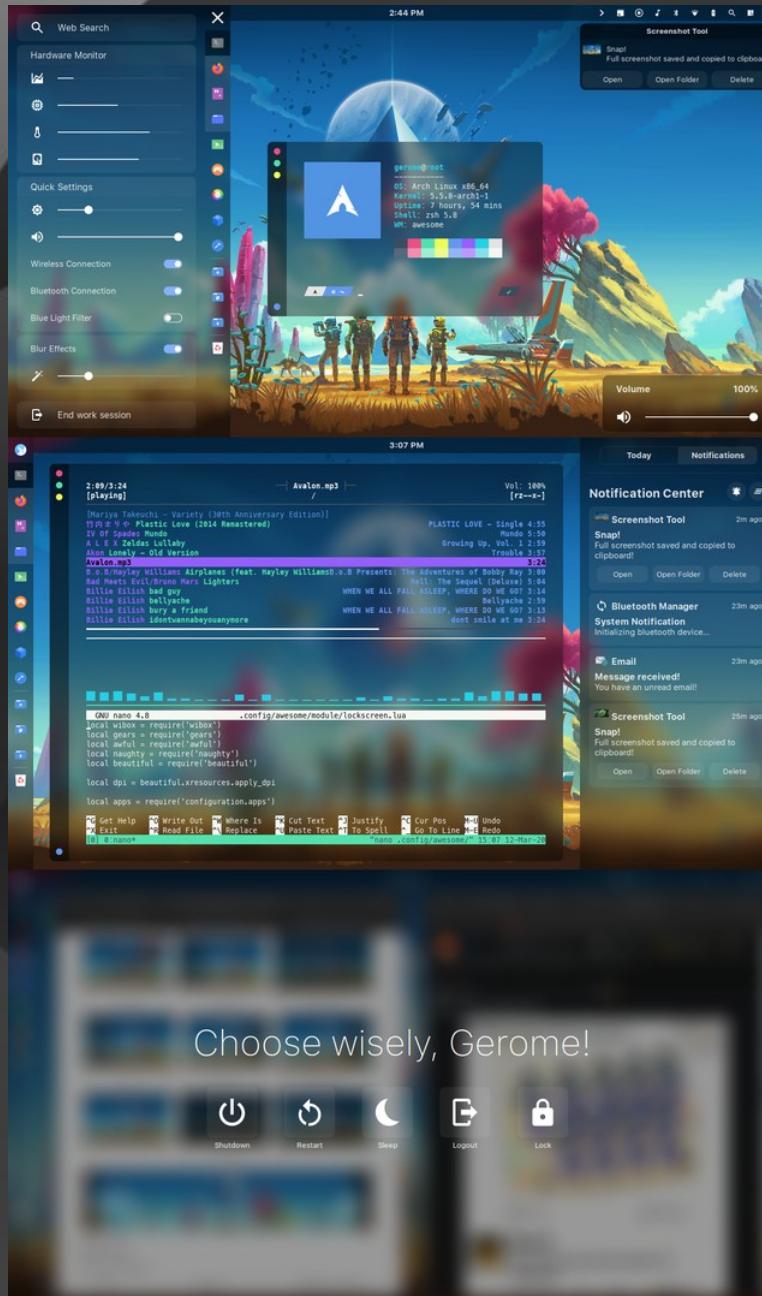


“Linux Is Ugly”

False: Linux beauty is readily apparent

- Linux supports and exploits almost all modern graphics hardware
- Desktop environments feature visual cues that Windows and Mac systems envy
- The command line can be incredibly sexy
- r/unixporn

“Linux Is Ugly”



“Linux Is Ugly”



“Linux Is Ugly”



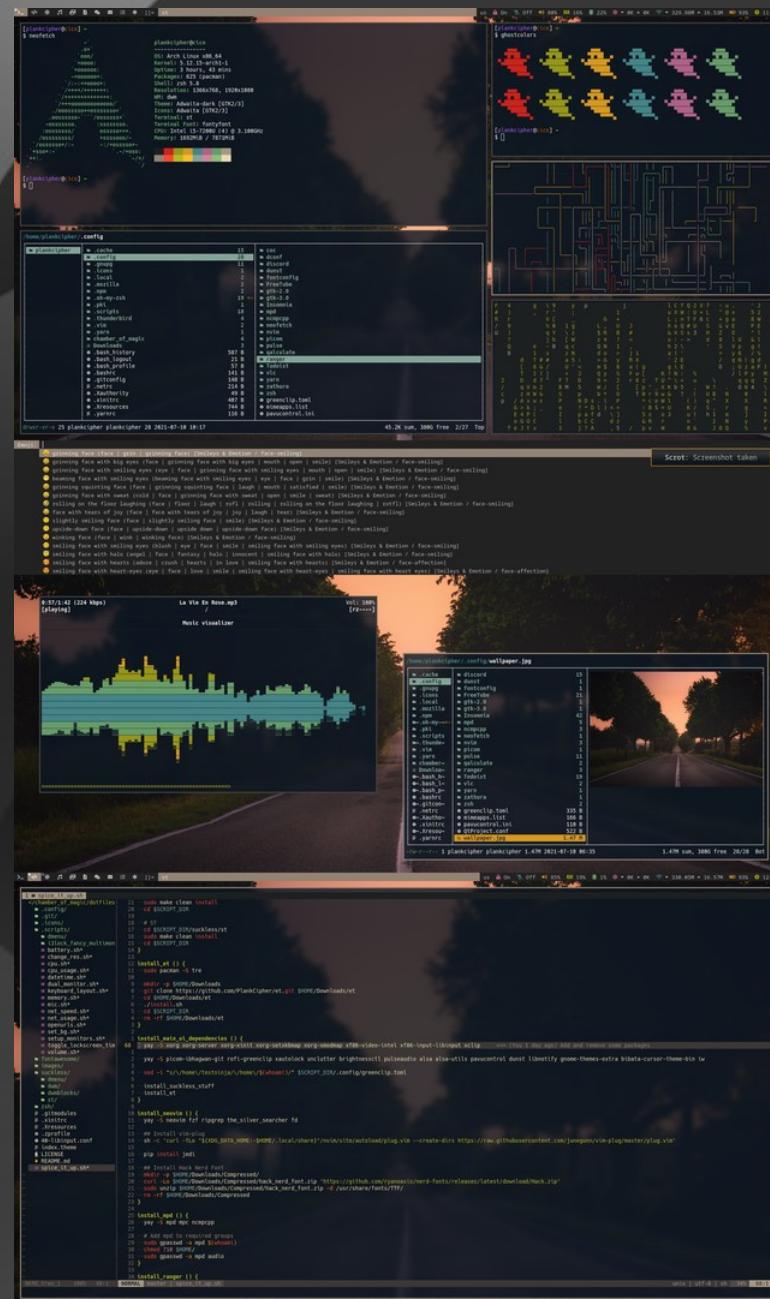
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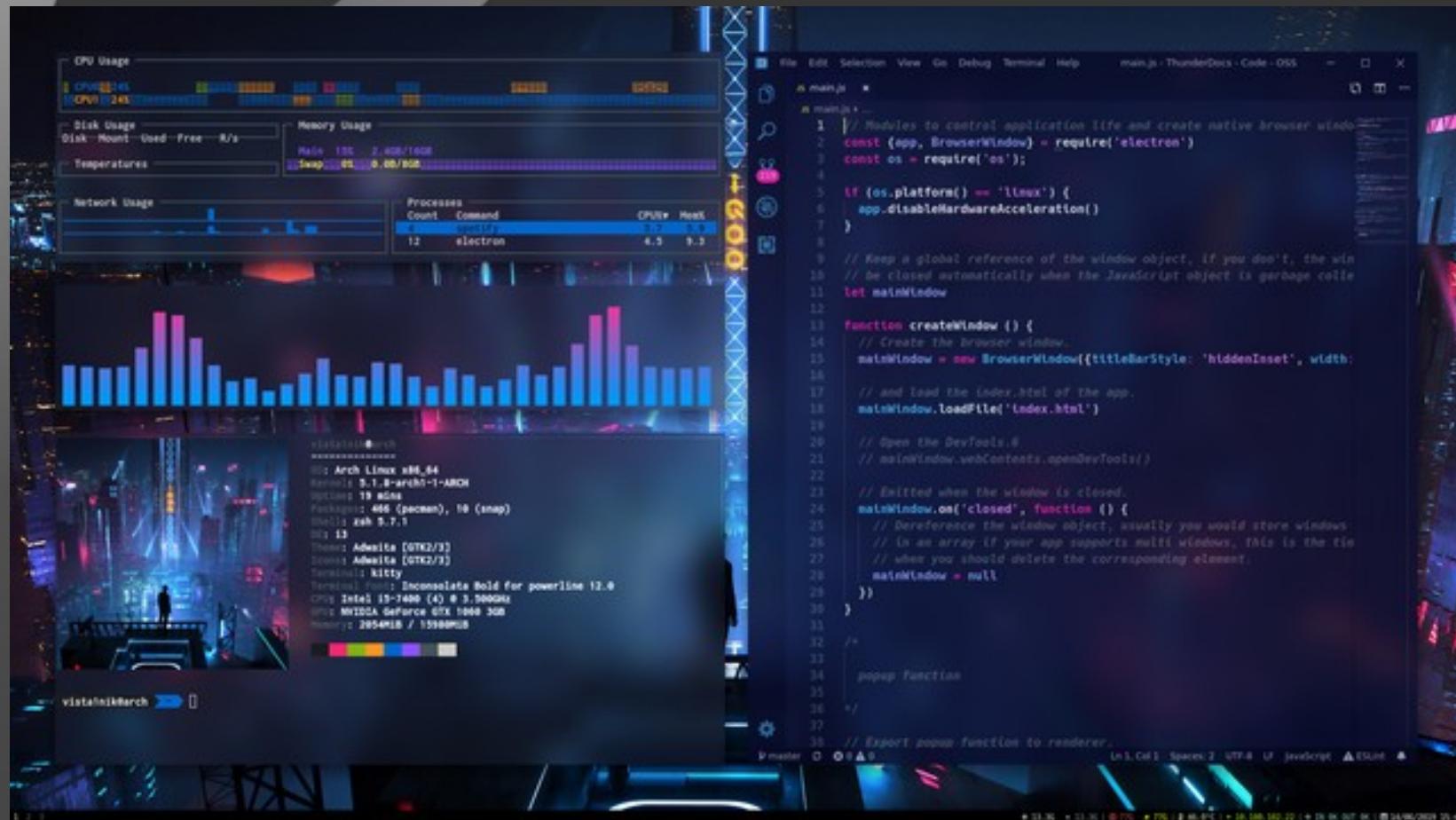
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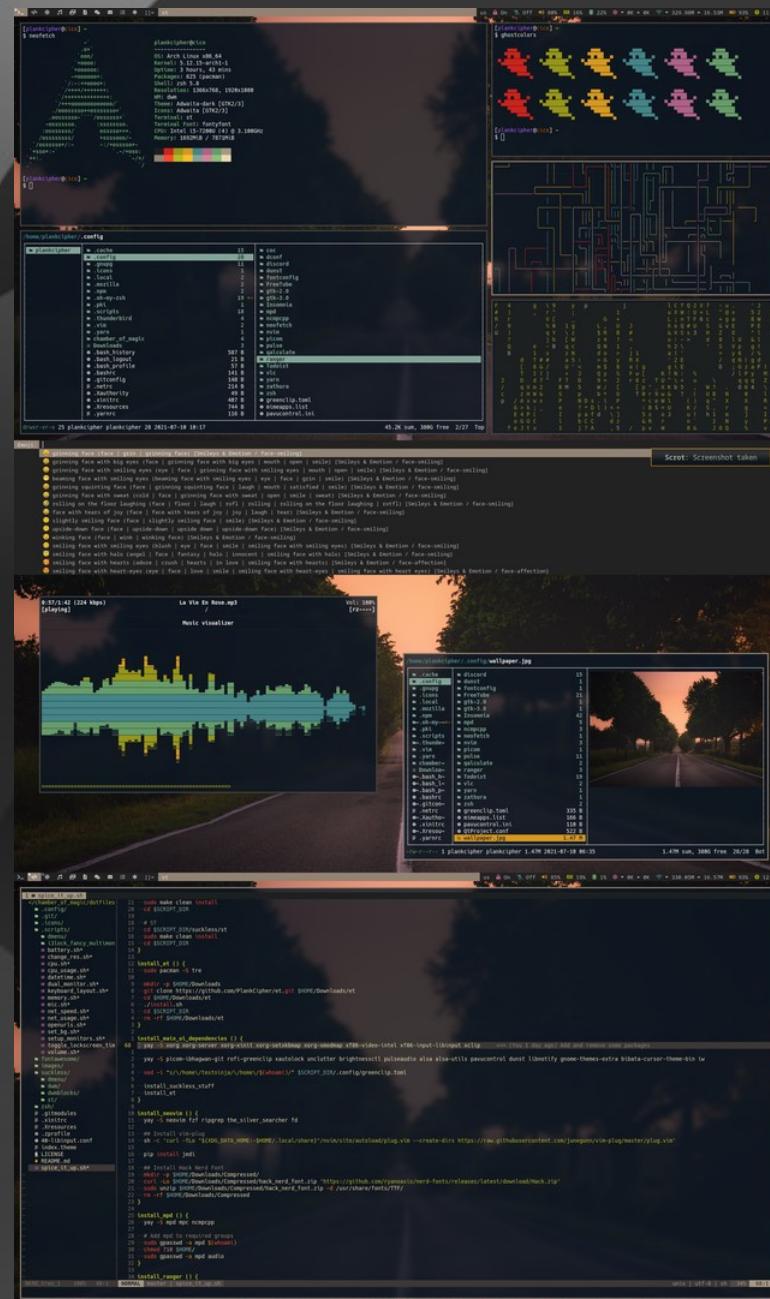
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“Linux Is Ugly”



“Linux Is Too Complicated”

False: Linux systems come in all flavors of complexity. You can install simple or complex systems – based upon your choice.

- Linux still has its share of text-oriented installation tools.
 - Arch distributions are notorious for their cryptic installations.
- However, the majority of Linux distributions are shipped with graphical installers.
 - Even Arch distros have graphical installers.

Linux Is A Religion

EXCUSE ME SIR,

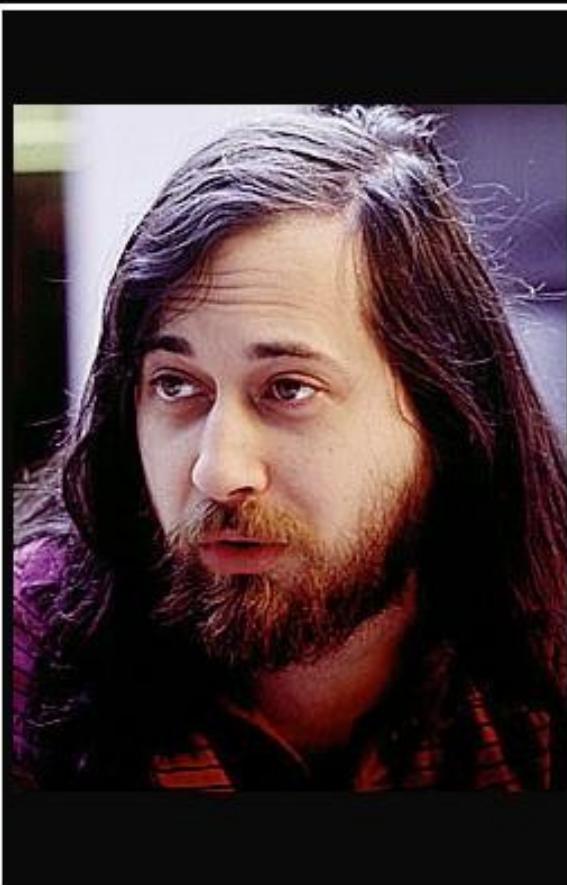


**DO YOU HAVE A MOMENT
TO TALK ABOUT FREEDOM?**

Distro Religions



The Only True Religion: EMACS



No person, no idea, and no religion deserves to
be illegal to insult, not even the Church of
Emacs

(Richard Stallman)

IZ Quotes

There Is But One Supreme Power

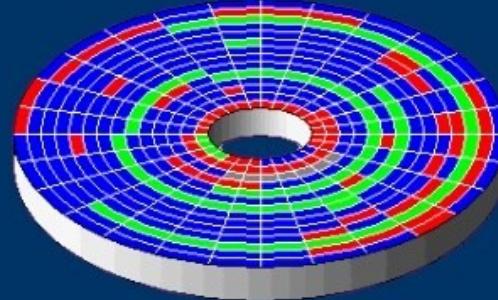


Why Do I Use Linux?

- Linux is open source
- Linux is more secure
- Linux is more stable
- Linux supports more hardware platforms
- Linux and Linux distros are actively developed
 - Linux supports new hardware more quickly than most operating systems
- Linux supports freedom of choice – including my freedom to choose hardware. And it supports the evolving nature of my choices. There is no “one size fits all” mentality

Why Linux?? Stability!!

- Blue Screen Of Death – Not In Linux
- System Slow Downs – Not In Linux
- Disk Fragmentation – Not In Linux
- Frequent Reboots – Not In Linux
- System Crashes - Seldom



Built to Support All Hardware

*Why Linux??
Give Your Older Hardware A New
Life*

- Windows requires newer, bigger, faster, more powerful, more expensive hardware!
- Linux Runs On Anything From A 386 To The Latest 64 Bit Dual Core Processors

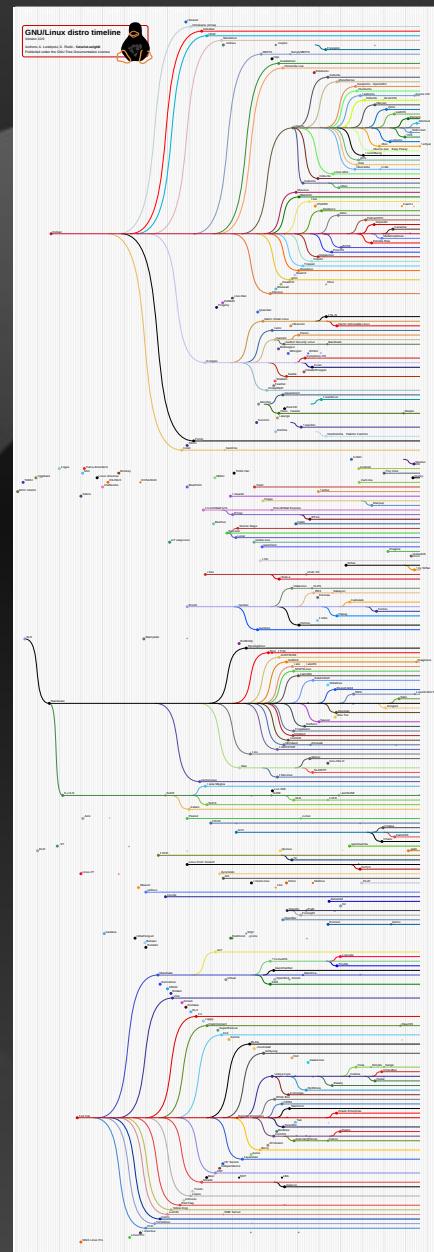


Linux Is More Secure

- Open Source / Dedicated community
- Limited administrator privileges
- Iptables
- Linux logging
- Fewer users



Which Linux?



Which Linux?

Choosing a Linux Distro

