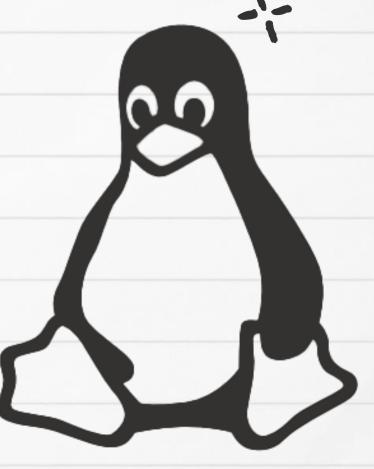
Linux & Gaming

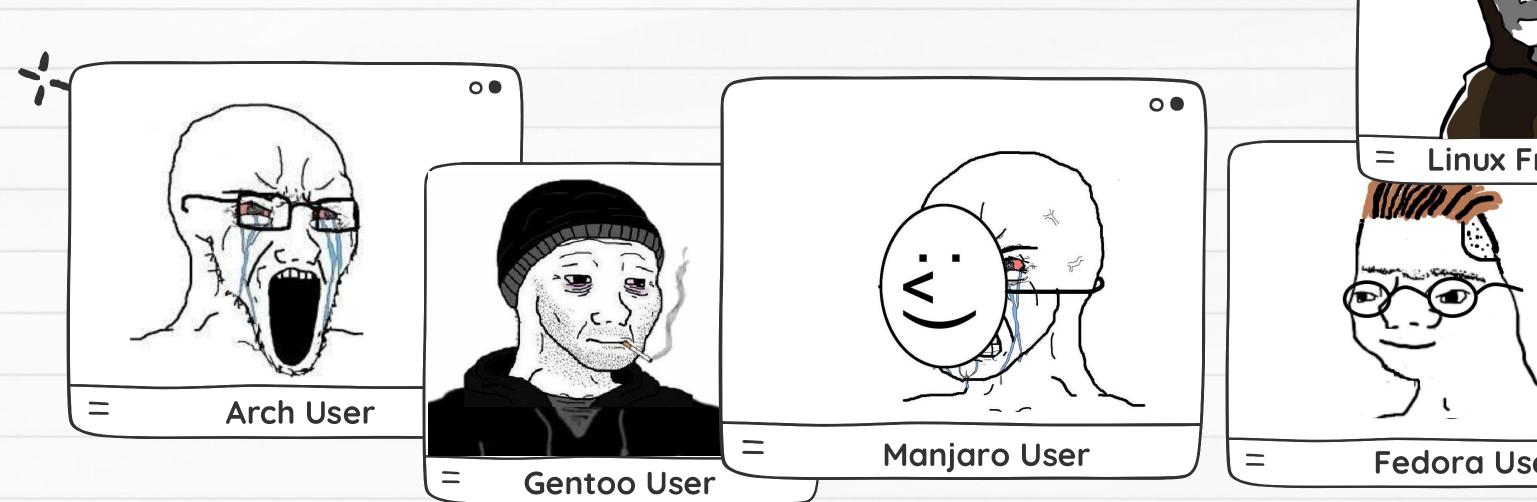


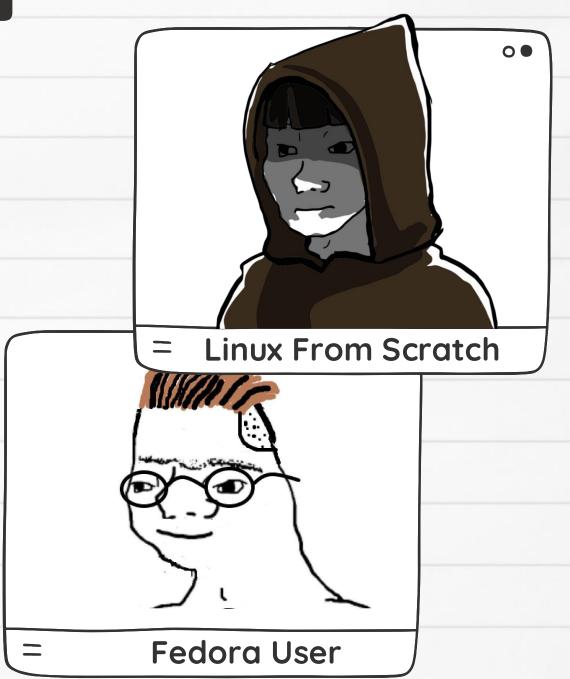
Speaking from personal experience...



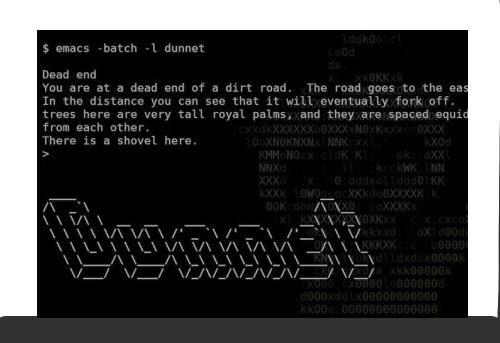


Niche platform for enthusiasts and developers 9





-Driven by community passion Early days



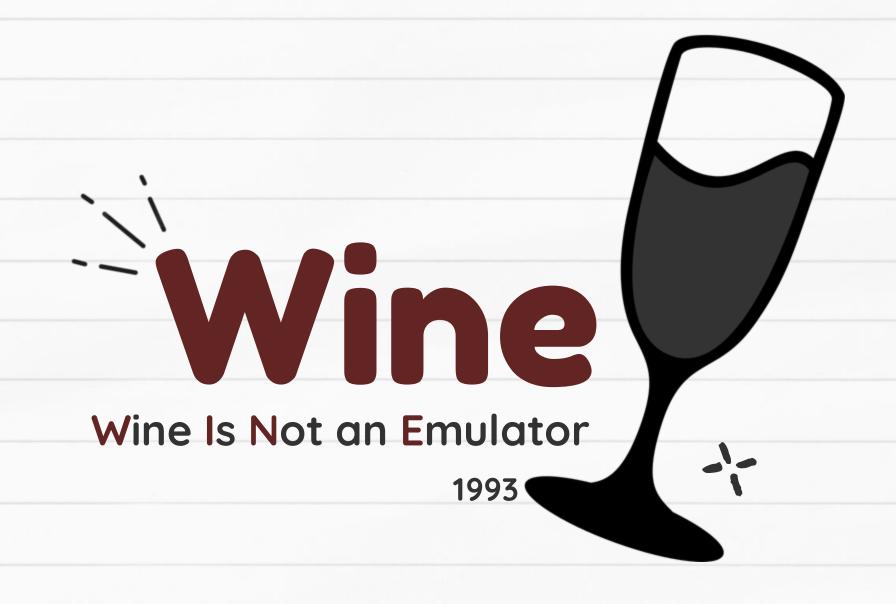
Text based Games











Birth of the modern Linux game industry

Early 2000



Founded by Scott Draeker

- Port 19 commercial titles
- Developed free software tools, Loki installer
- supported the development of the SDL
- Starting the OpenAL audio library project

Gabe Newell

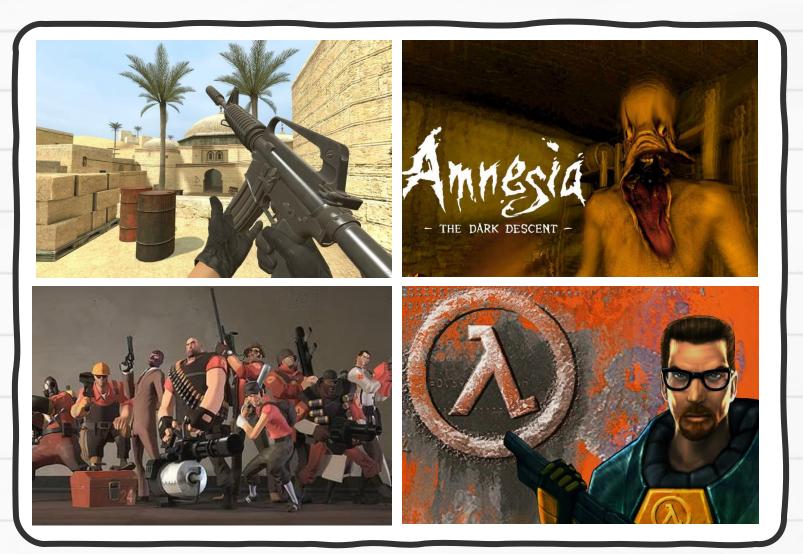
Linux and open source are the future of gaming.

Gabe Newell, 2013 LinuxCon



Steam for Linux 2012

57 games available natively

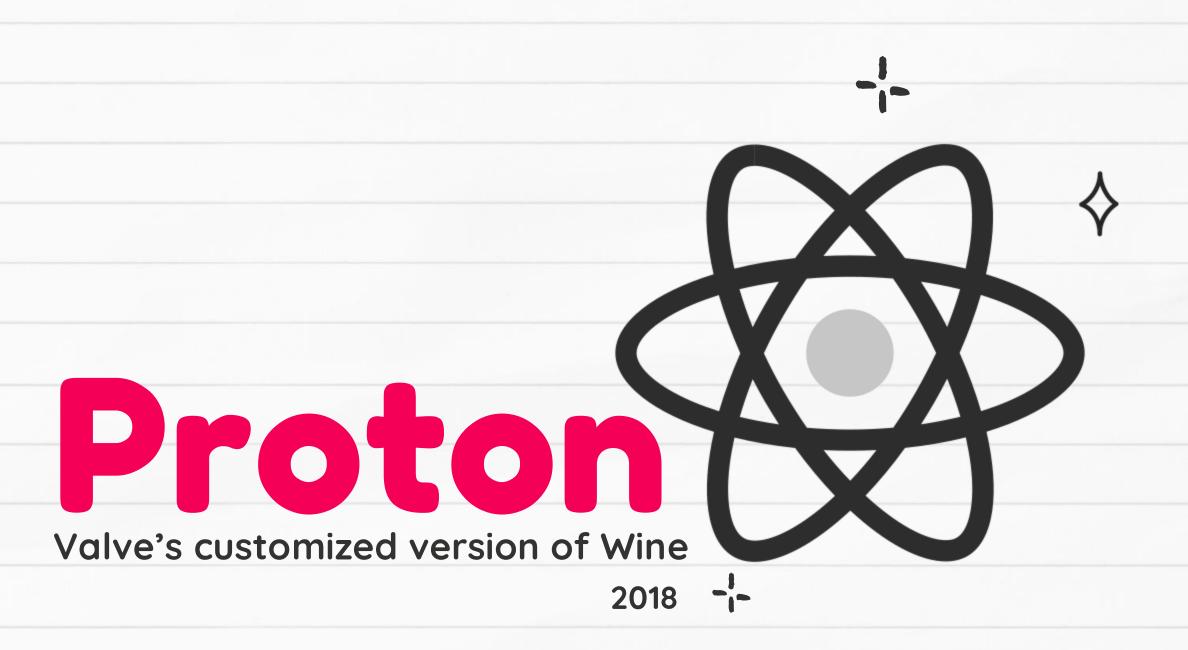


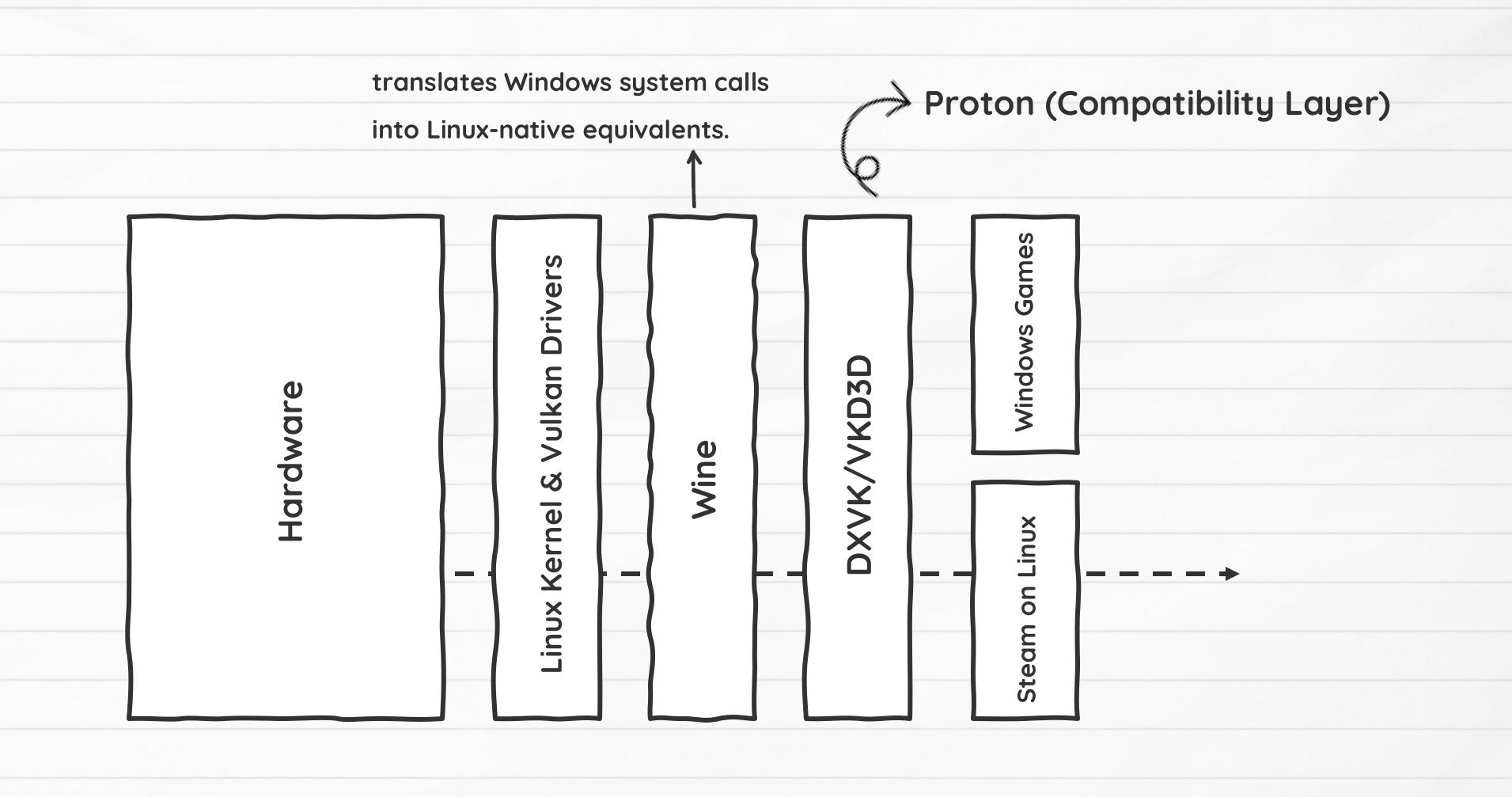
Debian-based

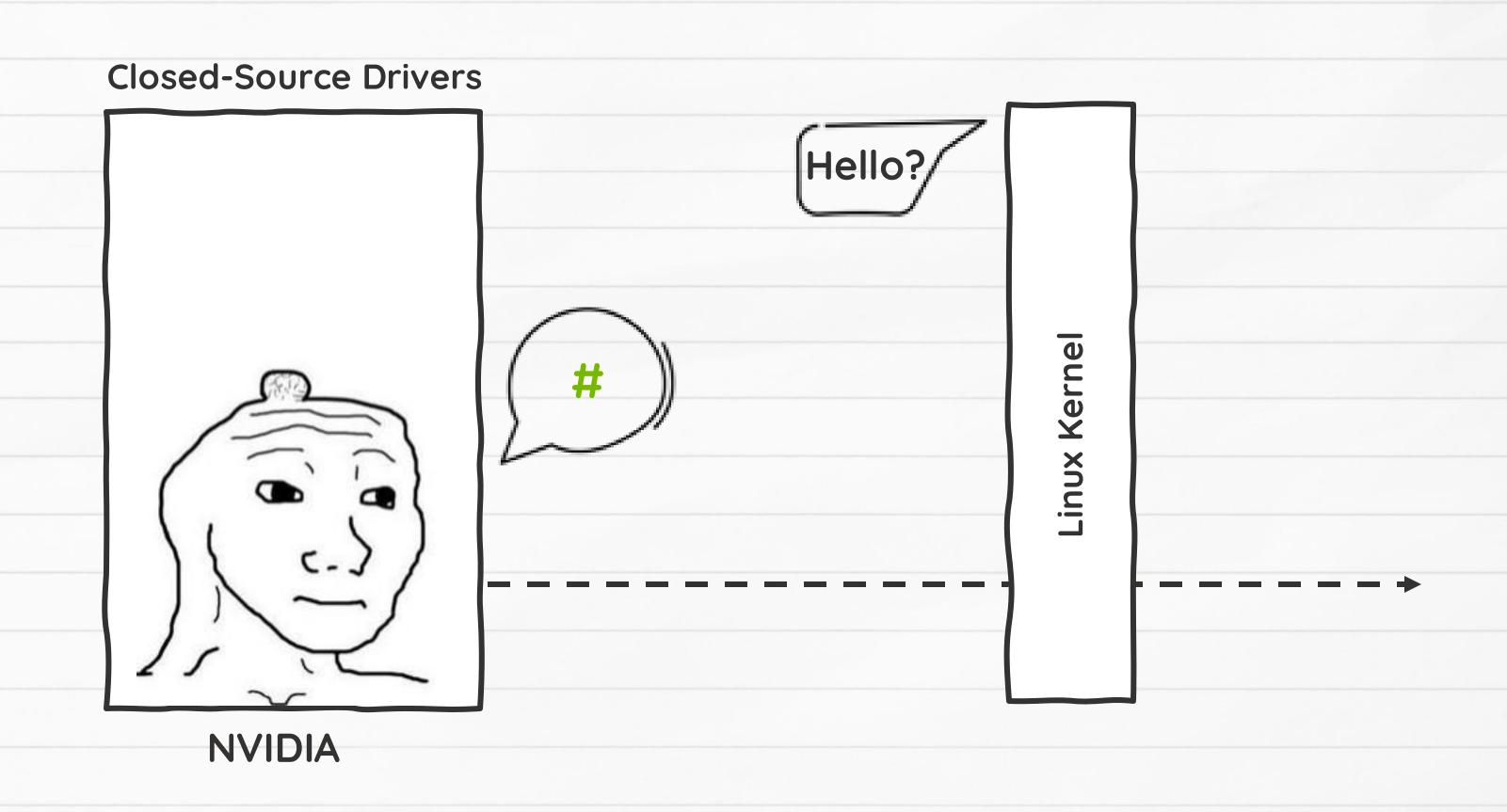
Steam OS & Steam Machines 2013

- Encouraged Linux driver development
- Pushed NVIDIA and AMD to improve Linux GPU support
- Investment in Linux-native tools and middleware

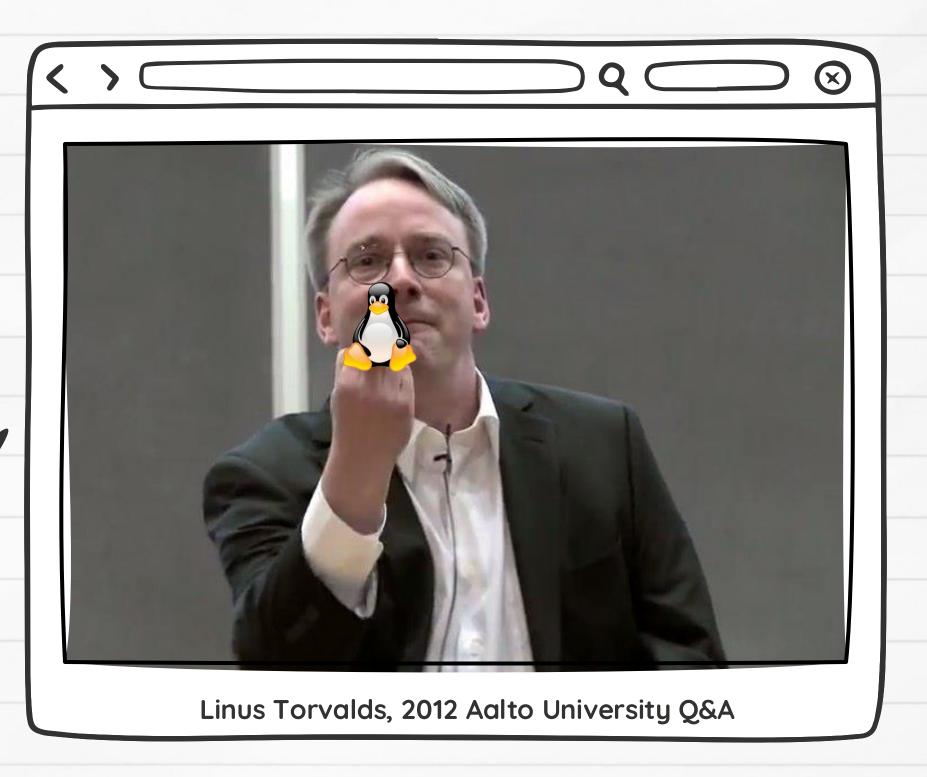


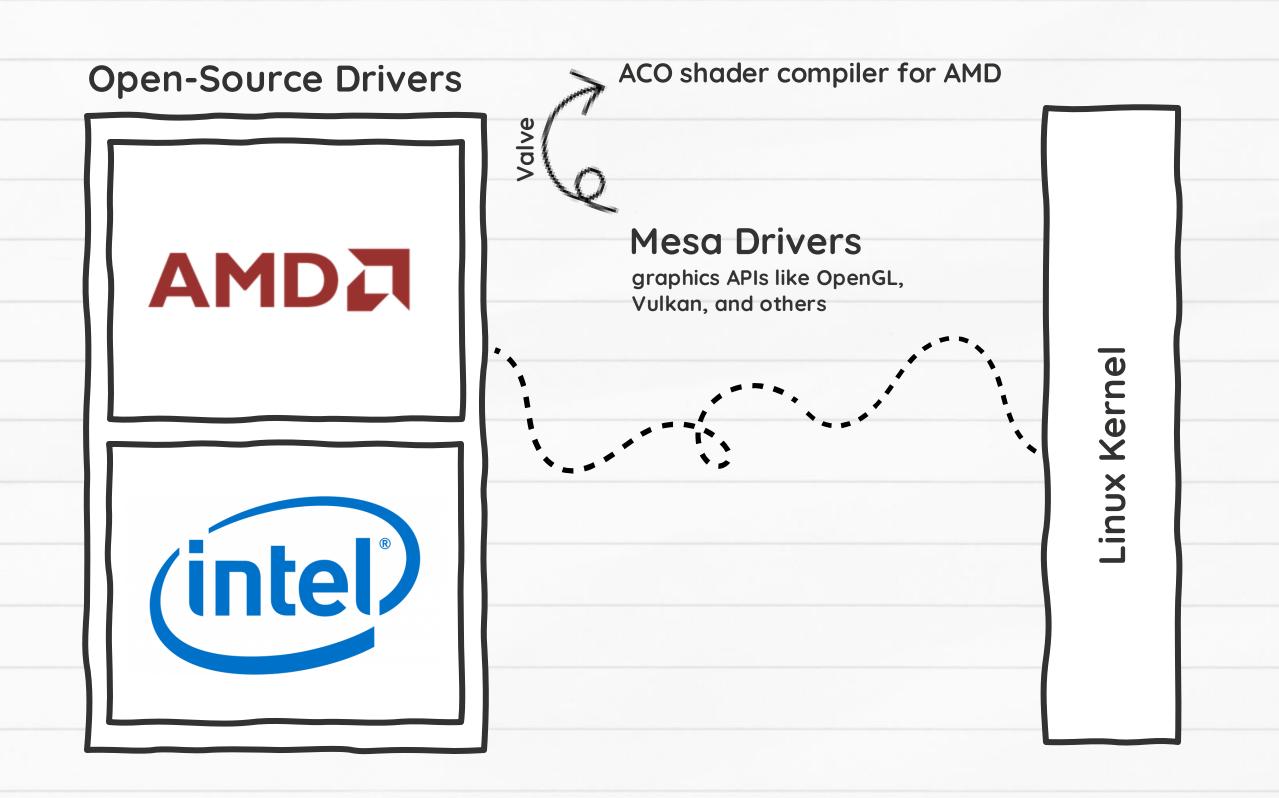






The state of the s





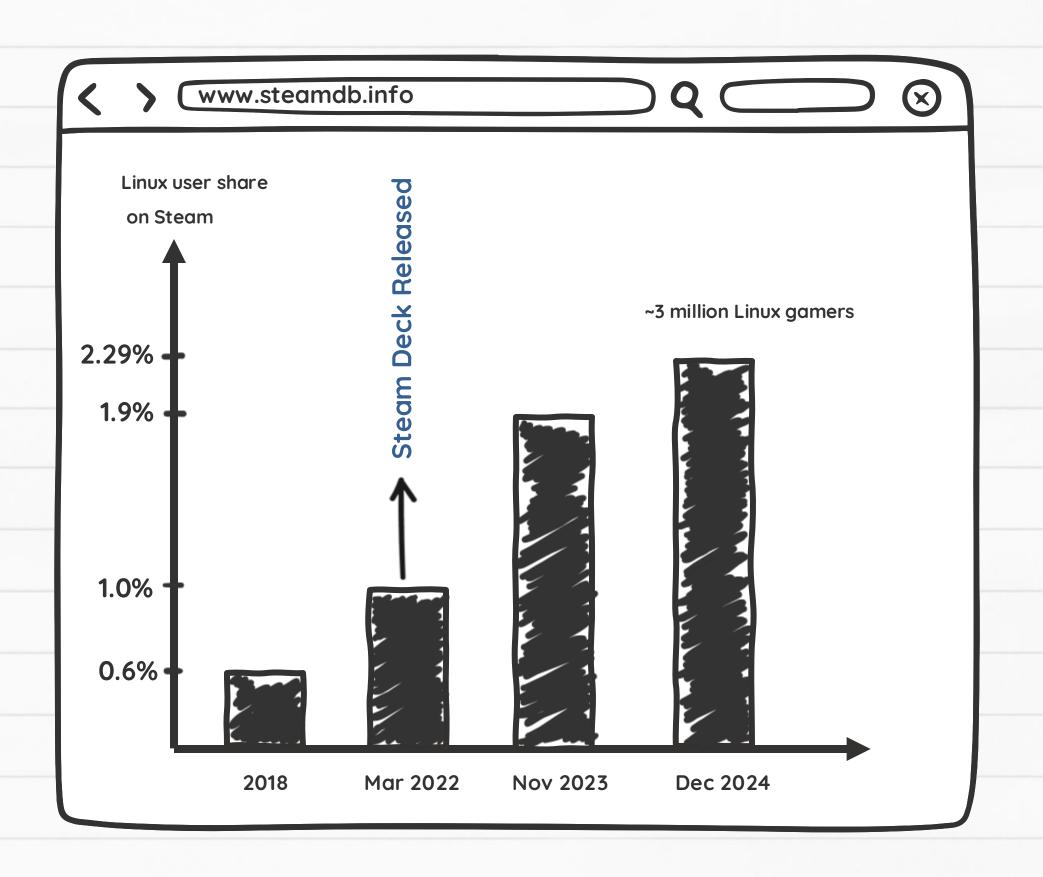
Steam Deck

The Steam Deck might be the best thing to ever happen to Linux gaming

Linus Sebastian, Steam Deck review 2022







over 18,000 games

Verified: 6,012 games

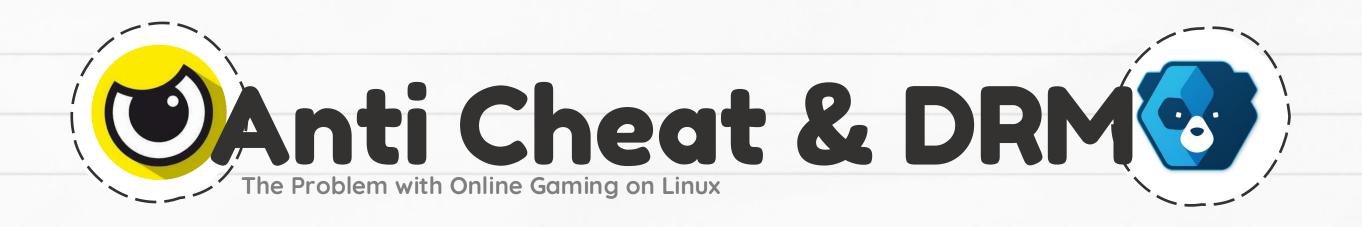
Playable: 11,989 games/

Unsupported: 4,593 games

approximately 72% of the tested games on Steam are either fully compatible or playable with minor adjustments on Linux-based systems like the Steam Deck.

- Vastly improved
- Easy setup
- Huge compatibility





- 2021 did Epic announce Linux/Steam-Deck compatibility for EAC via their SDK
- Proprietary launchers (Battle.net, Ubisoft Connect, Epic
 Store) still have no native Linux clients
- Riot Vanguard is a kernel-level anti-cheat system with no compatibility on Linux systems because of krenal level conflict

Current State of Linux Gaming

- Massive Game Compatibility Growth
- Steam Deck Effect
- Growing Developer Support
- Community and Pro users

- Fragmentation leads to Inconsistent support
- Market Share Challenges
- DRM and Anti-Cheat Barriers
- Delays in AAA Title Support
- Lack of True Native Support



What about Future



- Shift in game industry: less platform-specific focus & Cloud gaming blurs OS lines
- Al upscaling (e.g., FSR 3.0) + ProtonDB = faster compatibility improvements
- SteamOS 3 & Proton updates are narrowing the Linux-Windows gap
- Steam Deck 2 will push more Linux game optimization
- - Linux Steam share may reach 3-5% & Linux gaming becoming mainstream

Thank You