



System Programming in Linux

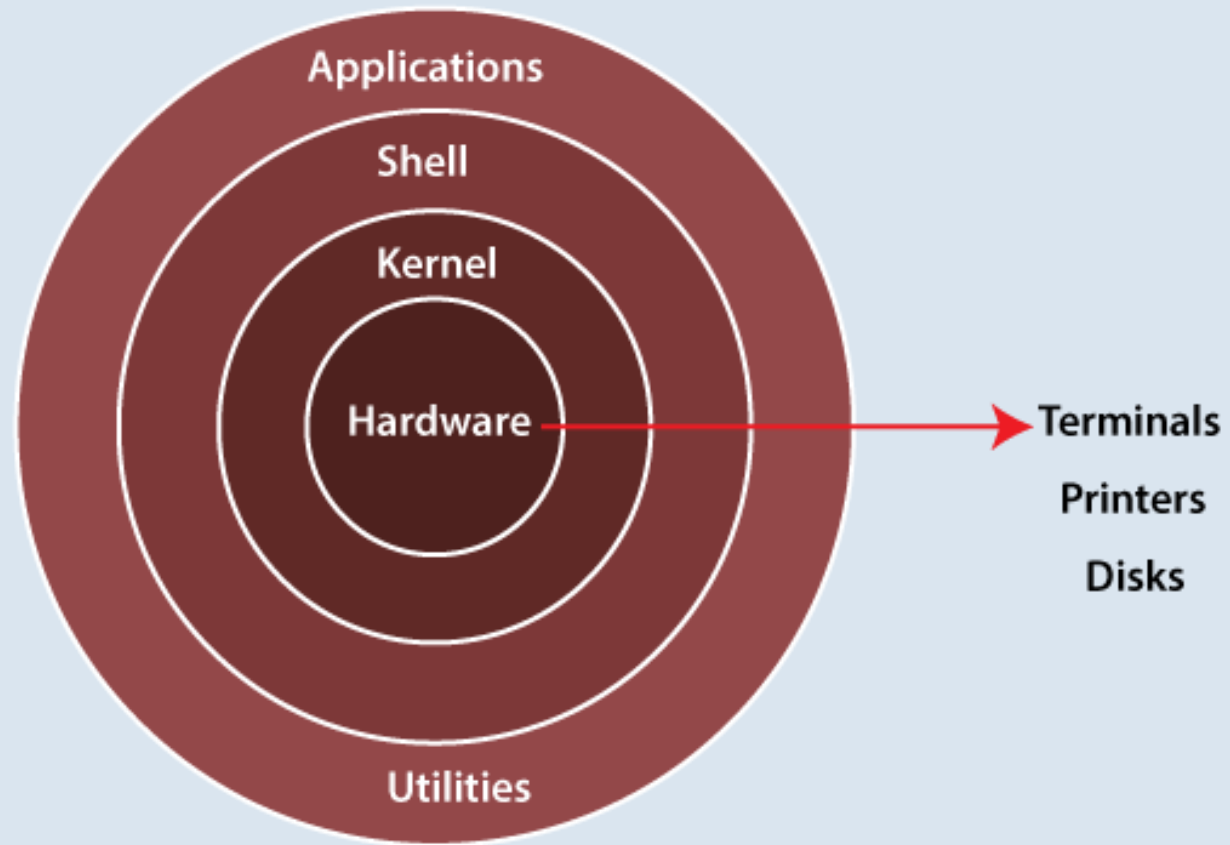
Reda Maher



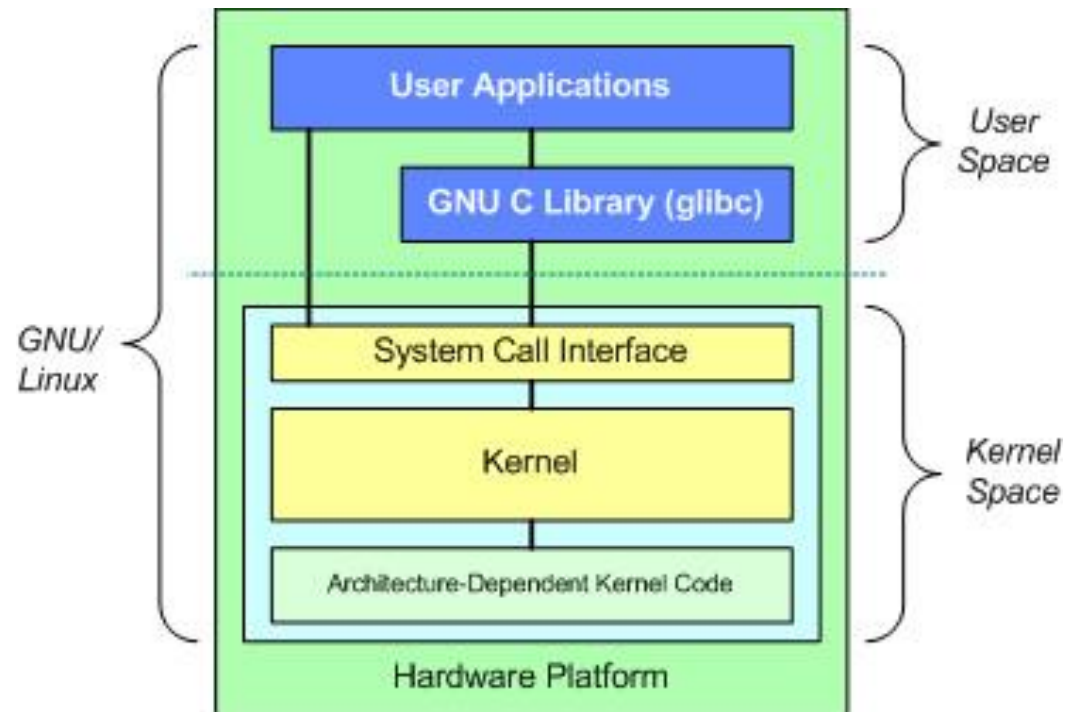


Linux Architecture

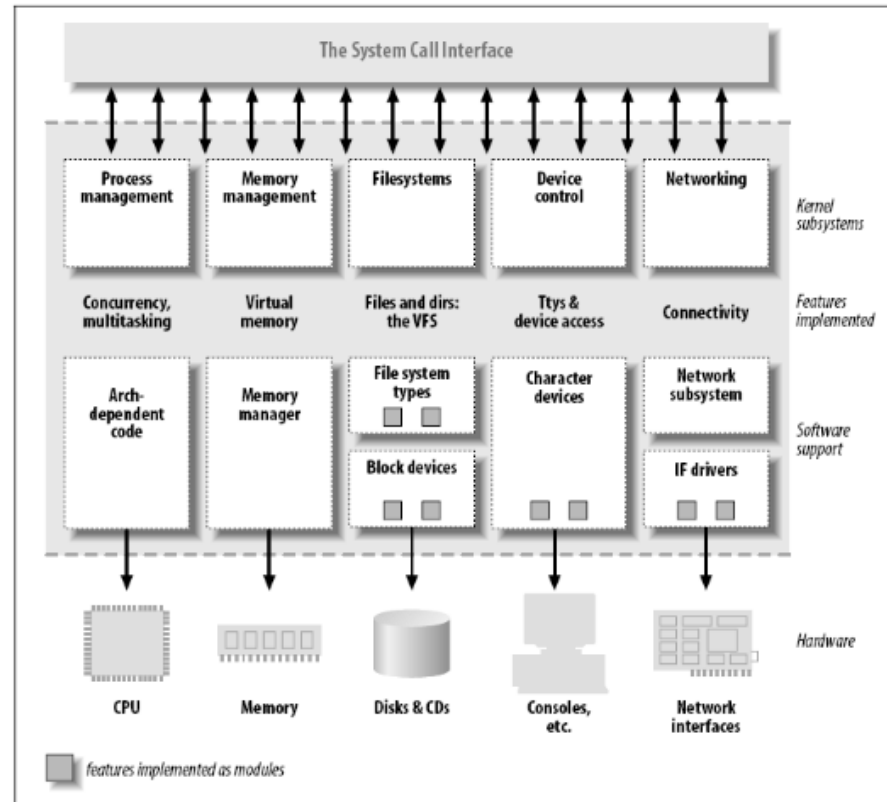
Linux OS



Kernel Space vs User Space



Linux Kernel

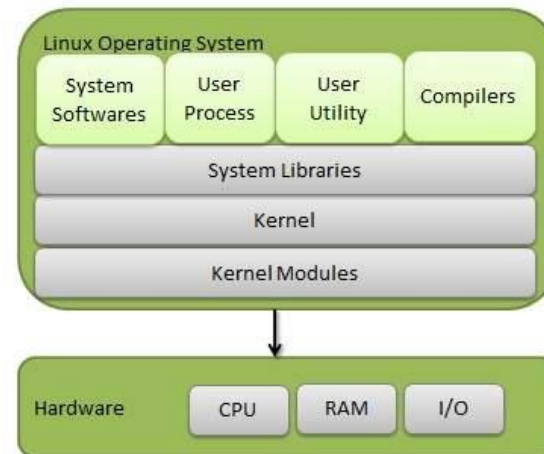
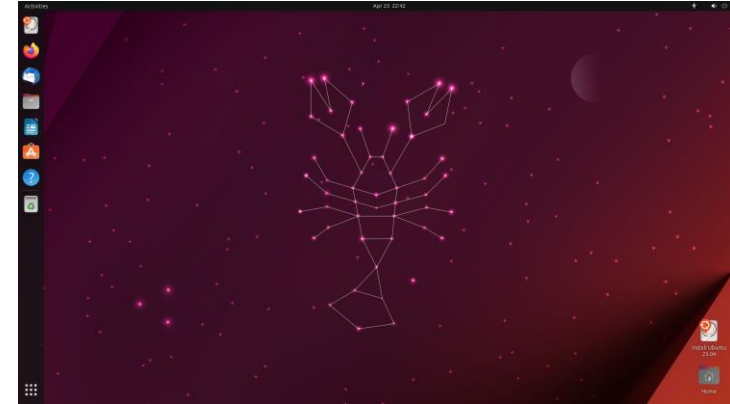


Linux Distributions

A Linux distribution an OS made through a software collection that contains a Linux kernel, GNU libraries and tools, other software, a window system, documentation, a desktop environment, and a window manager.

Examples:

- Ubuntu
- Linux Mint
- Debian
- Red Hat Enterprise / CentOS
- Fedora
- Arch Linux
- **Yocto**





Thank you

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