

A Safe and Stateless Platform -

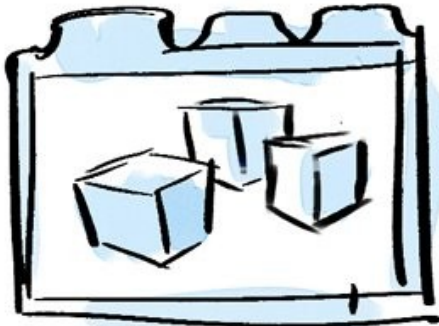
Introduction to
Google Chrome OS
Security model

Google Chrome OS

speed



simplicity

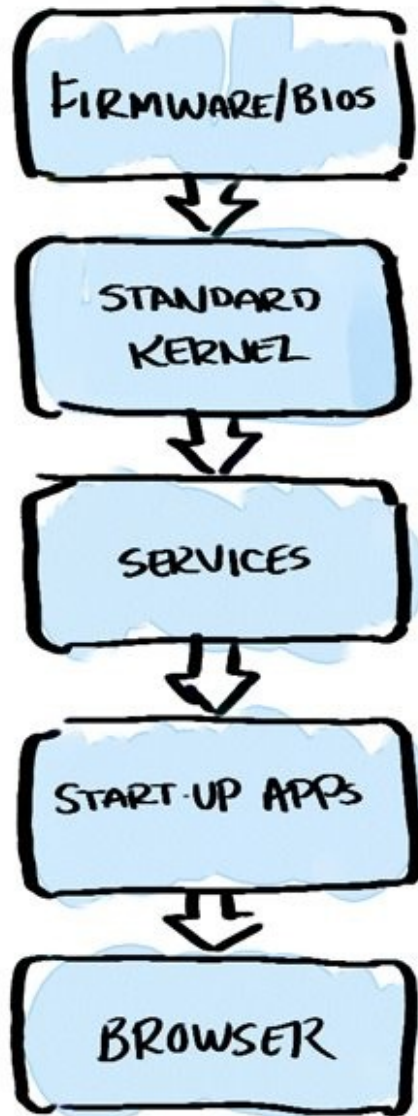


security

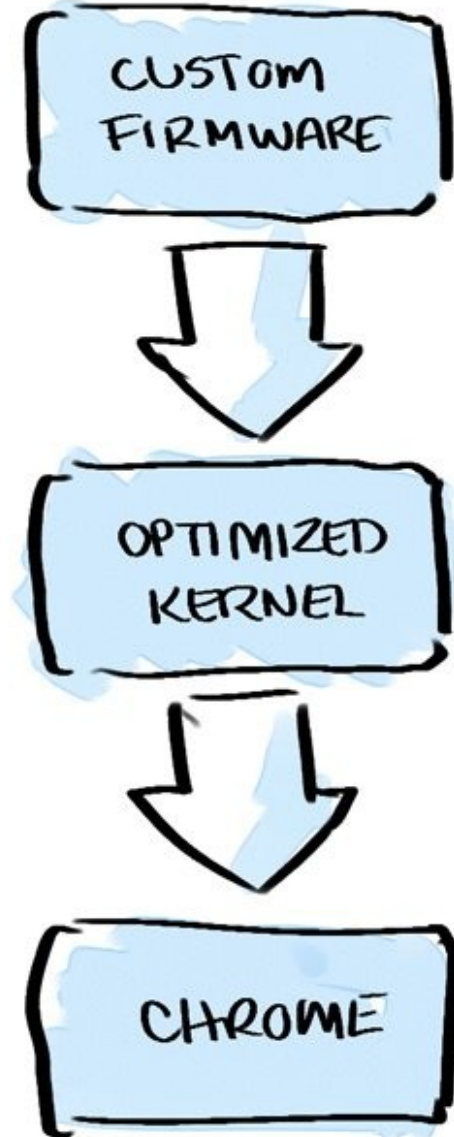


Speed

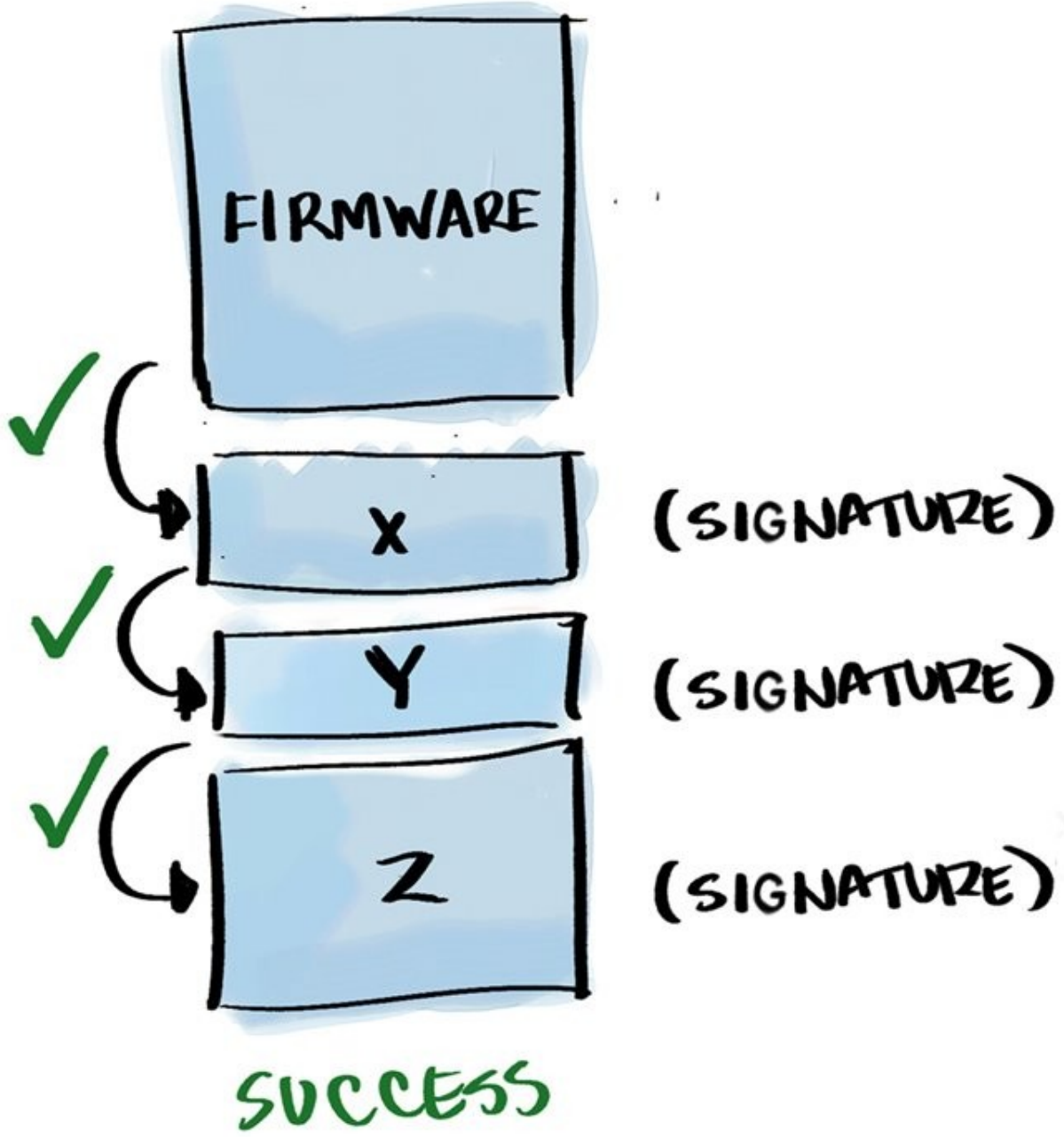
Current Operating Systems



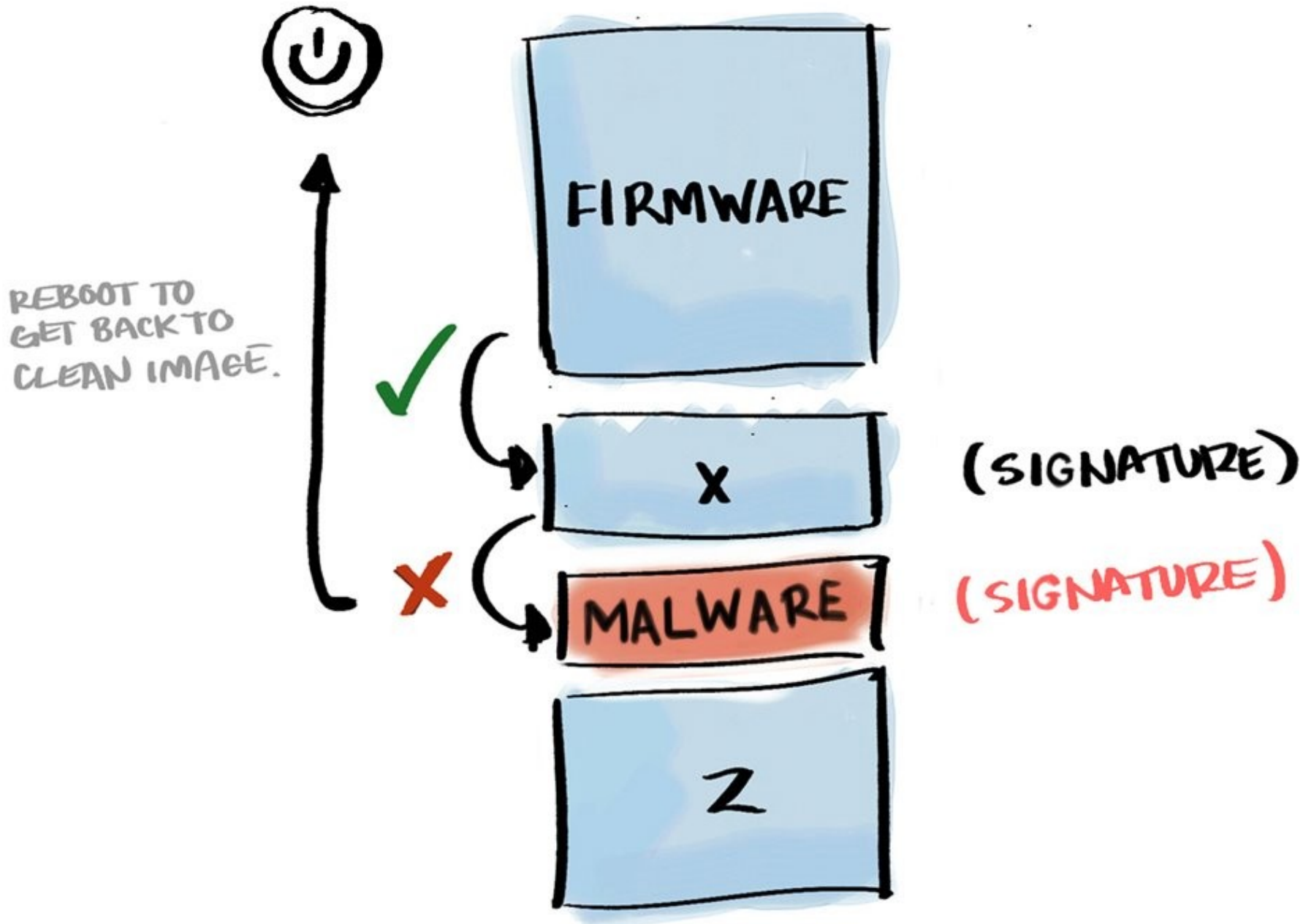
Chrome OS



Security - Verified boot



Security - Reboot to recover



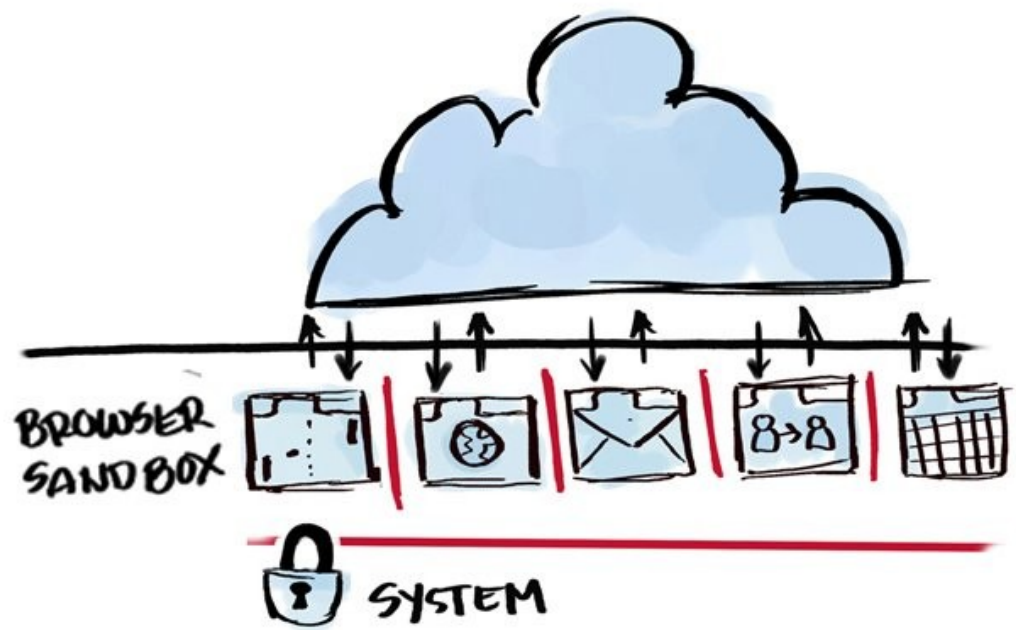
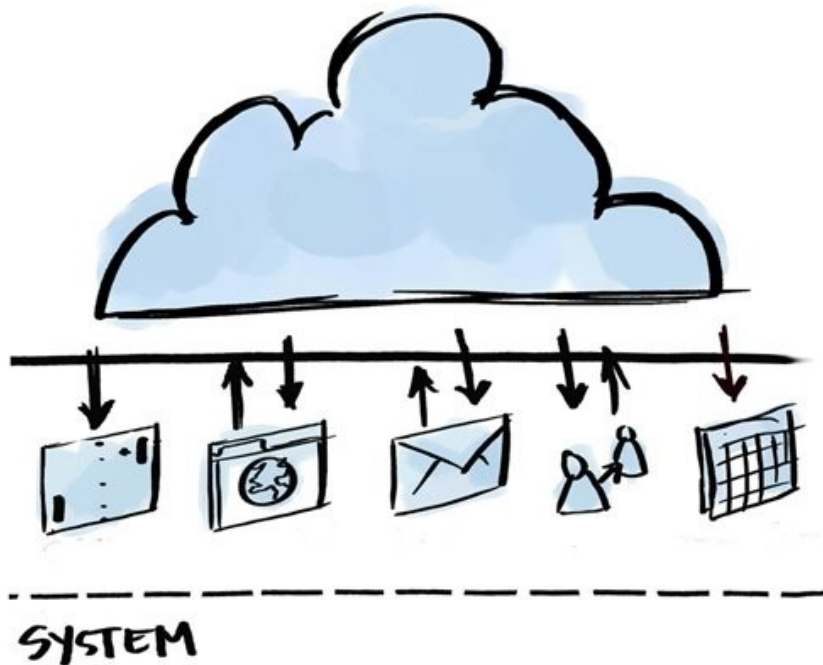
Security for the internet age

Current Operating Systems

- Apps have the same privileges and power as you

Chrome OS

- All apps are web apps
- The OS does not trust any app



Security down the stack

- Small list of known programs
 - Signed and verified before each use
- Run in secured sandboxes
 - Chroot, Namespaces
 - Toolchain, Stack protection
- File system is locked down
 - Read-only root file system
 - User data encryption
 - User data synced to the cloud
- Automatic updates for the entire OS



Chrome OS is open source

- Open development
- Community contributions

