

Operating Systems.

①

What is an operating system?

- Windows
- Apple OS (iOS)
- Linux
- DOS/CPM
- Proprietary
- Android
- Windows Embedded

BLOAT

1981 pc DOS	640 KB 32 - 64K	BIOS 32K 64K	Running OS 1 Appl.
2012	Linux / Windows		Running OS n Appl

What does an OS do for you? ②

- * Ability to run more than one application (multi-threaded)
- * Access to several hardware devices (i.e. Graphics display)
- * Manages RAM on machine (allocate temp storage, release)
- * Simple/consistent interface to hardware (drivers)
- * File system
- * ~~Memory Management unit~~

if you have a simple Embedded device:

Will not need most of these functions