

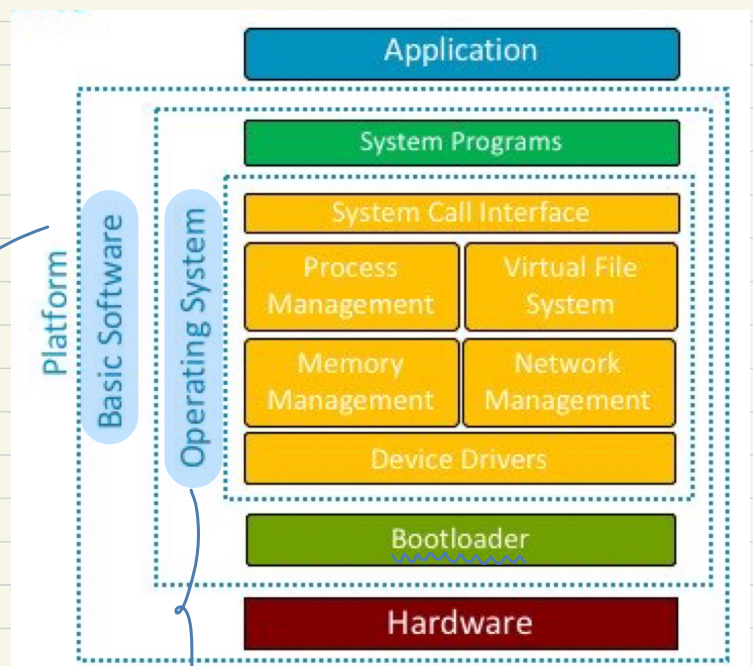
Embedded system

- computer with special purpose to support application users:
- use resource to meet the system requirement that can be

component

- 1.) application → software that service to user directly
- 2.) platform → software + hardware that resource to task to

- access resource with system program ex. ls
- OS to manage resource to hardware
- init hardware resource then power up to execute OS with bootloader



depend on requirement

why linux based on Embedded system

- open source
- engaged community maintaining and improve linux regularly
- flexible and adaptable (support many hardware / system on chip configuration)
- is large economy of software to support is:

Linux Evolution

Past → ทักษะที่มองย้อนไปในอดีต, ก่อนเกิดขึ้นแล้ว

Present → Linux kernel categories

- Preparch (LC kernel) : the pre-releases
- Mainline kernel : new feature to introduce, new mainline to release in 2-3 years
- Long-term kernel : (long-term maintenance) & bug fixes