Network drivers
Day 9

**Team Emertxe** 



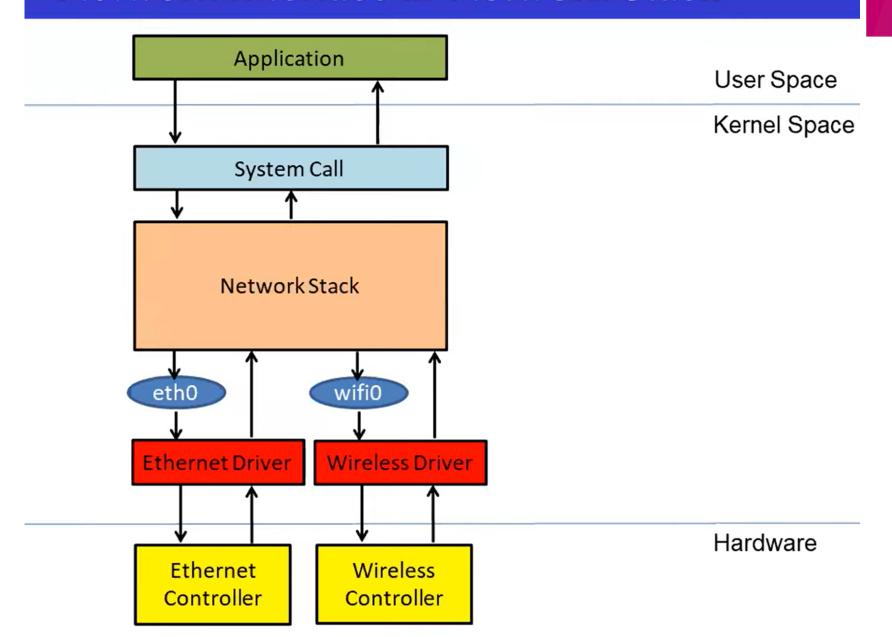
# Topics



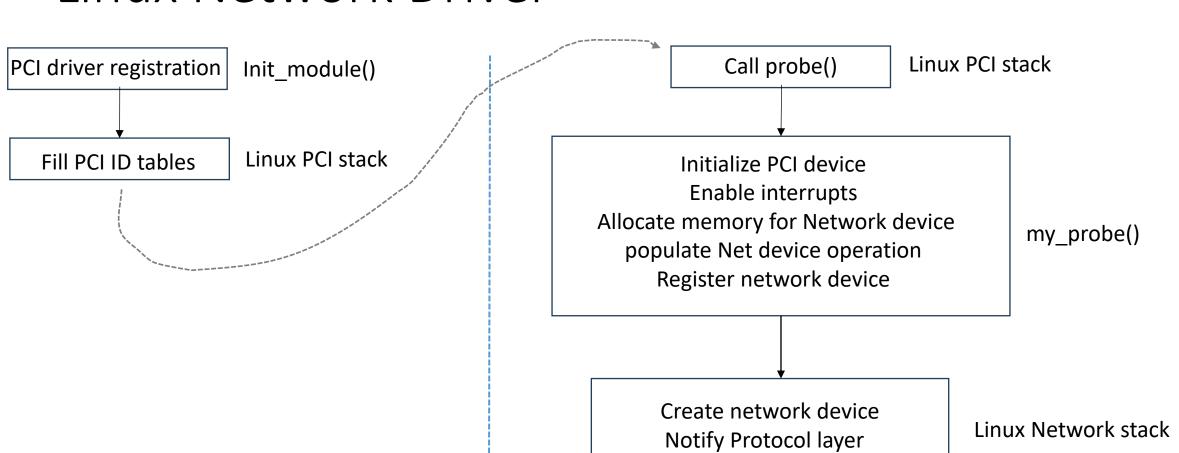
- Linux Network stack and Driver review
- End to End Network flow
- Network driver Tools
- Linux Kernel Memory management (allocation)



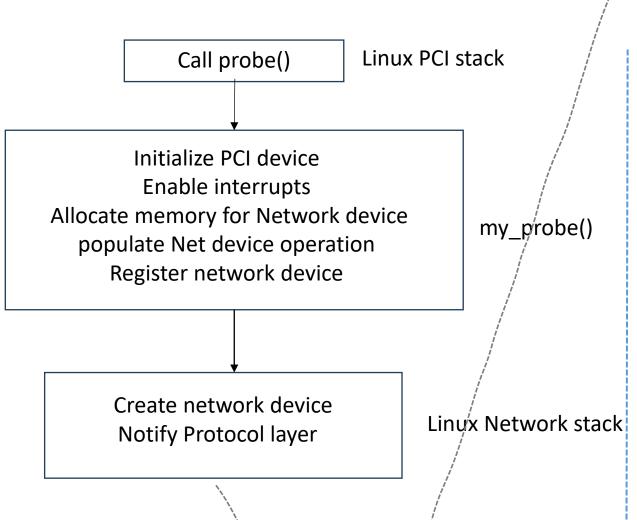
## Network Interface in Network Stack











Allocate transmit descriptors
Allocate receive descriptors
Power up Net adapter
Allocate an interrupt
Net Polling napi\_enable()
netif\_start\_queue - allow transmit

Driver my\_open or e1000\_open



