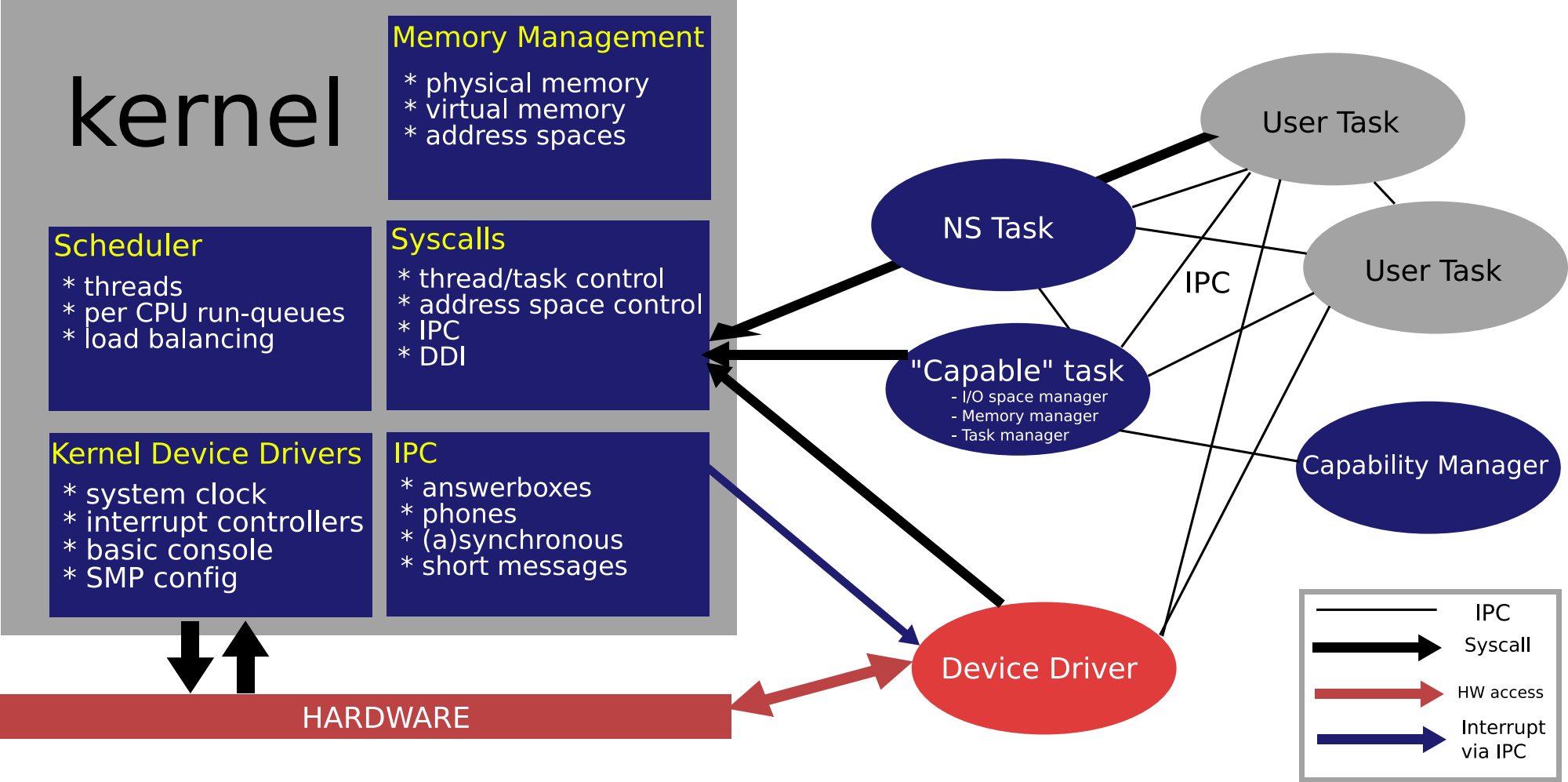
kernel
Memory Management
* physical memory
* virtual memory
* address spaces
Scheduler
* threads
* per CPU run-queues
* load balancing
Syscalls
* thread/task control
* address space control
* IPC
* DDI
Kernel Device Drivers
* system clock
* interrupt controllers
* basic console
* SMP config
IPC
* answerboxes
* phones
* (a)synchronous
* short messages
HARDWARE
User Task
NS Task
User Task
IPC
"Capable" task
- I/O space manager
- Memory manager
- Task manager
Capability Manager
Device Driver
IPC
Syscall
HW access
Interrupt via IPC