

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

NS Task

User Task

User Task

"Capable" task

- I/O space manager
- Memory manager
- Task manager

Capability Manager

Device Driver

IPC

