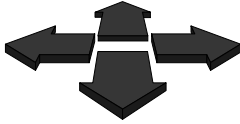


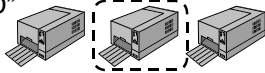
I/O System Implementation

- Device allocation
- I/O request call (QIO?)
 - Parameters
- I/O status block
- Non-blocking I/O
 - I/O wait
- OS device driver support



Device Allocation

- Allocate device before access
 - Pass “device ID” to kernel
 - Status indicates success/failure
 - On failure, wait (sleep) and retry?
 - Or queue up for device?
- Deallocate device when done
 - Identify by “device ID”



I/O Request

Device ID	Number, name (“CON:”), etc.
Operation Code	Read/write, block, etc.
Buffer address	Read/write data area
Byte count	(Maximum?) bytes to transfer
