Disk I/O for Unix





What <u>really</u> happens when you read from the disk

- Your process places a read() request to the kernel.
- The kernel checks its pool of buffers to see if the data you want are in a buffer in memory.
- If not, the kernel arranges to copy the data from the device to a buffer.
- When the information arrives the kernel copies data from the buffer in kernel memory to the array in the the process.