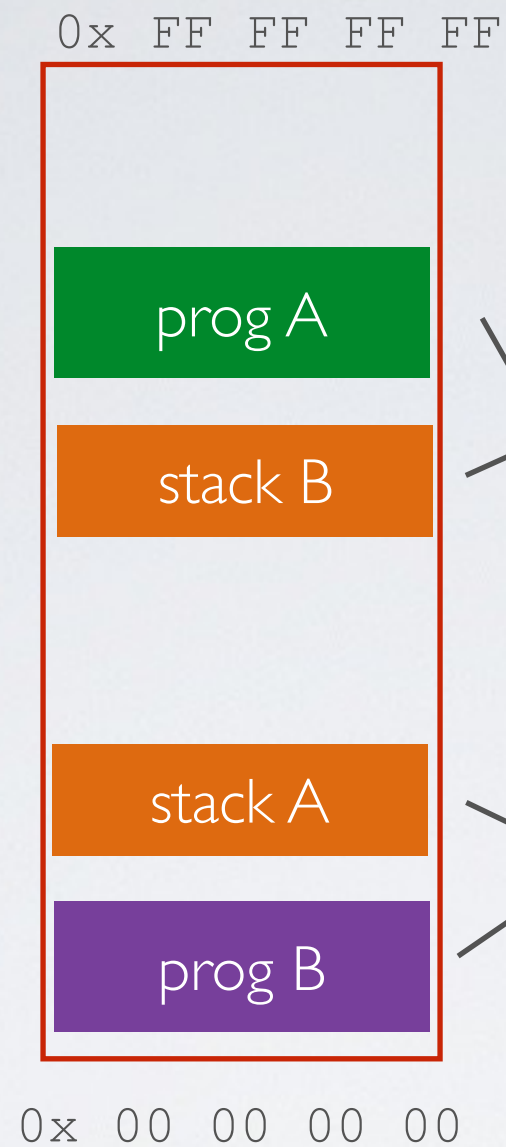
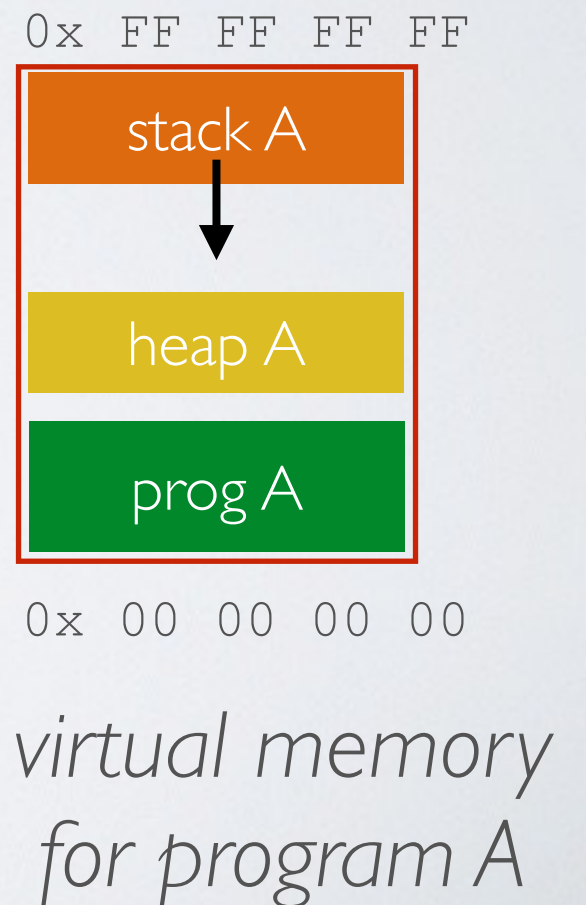
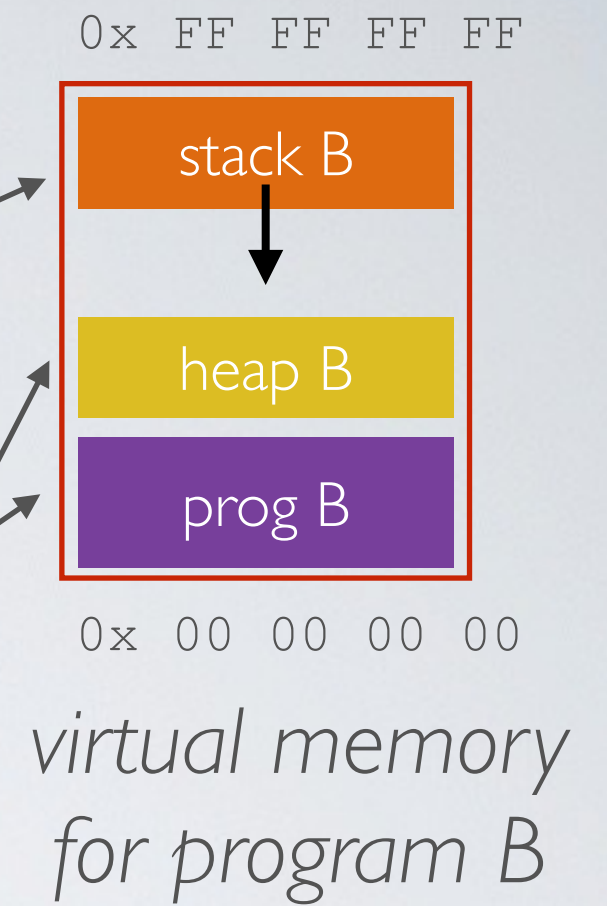
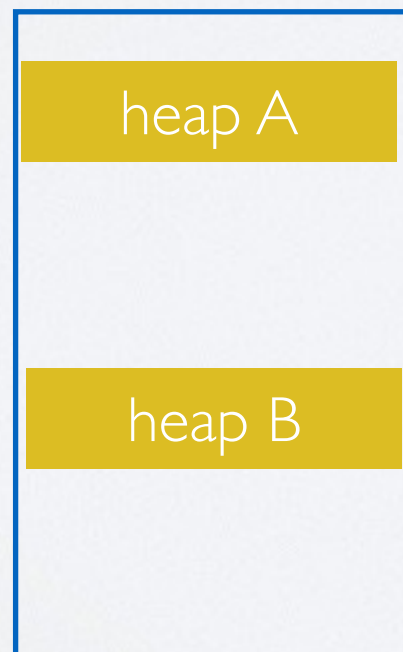


Swap

physical memory



hard drive



The need for a **file system**