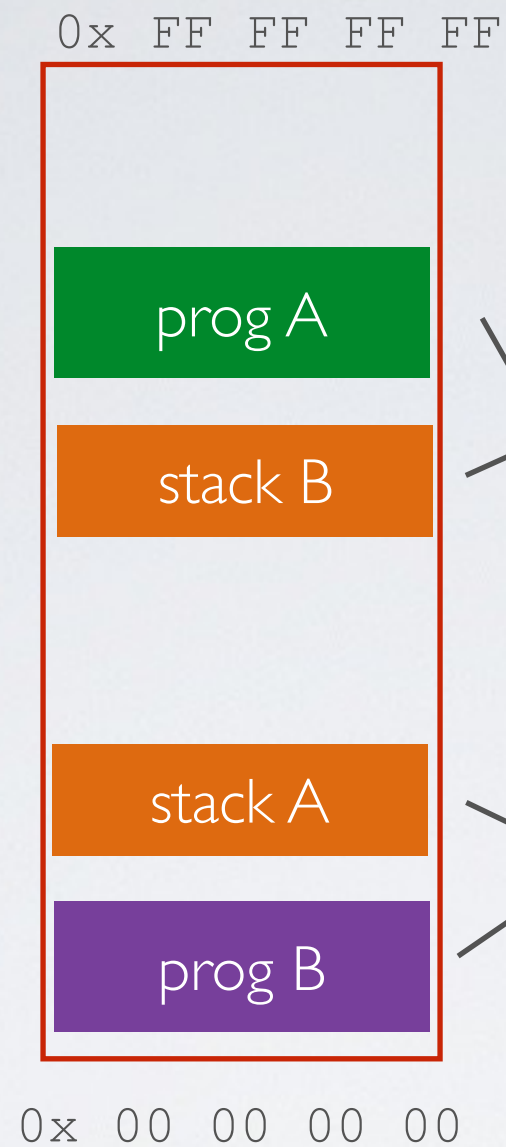
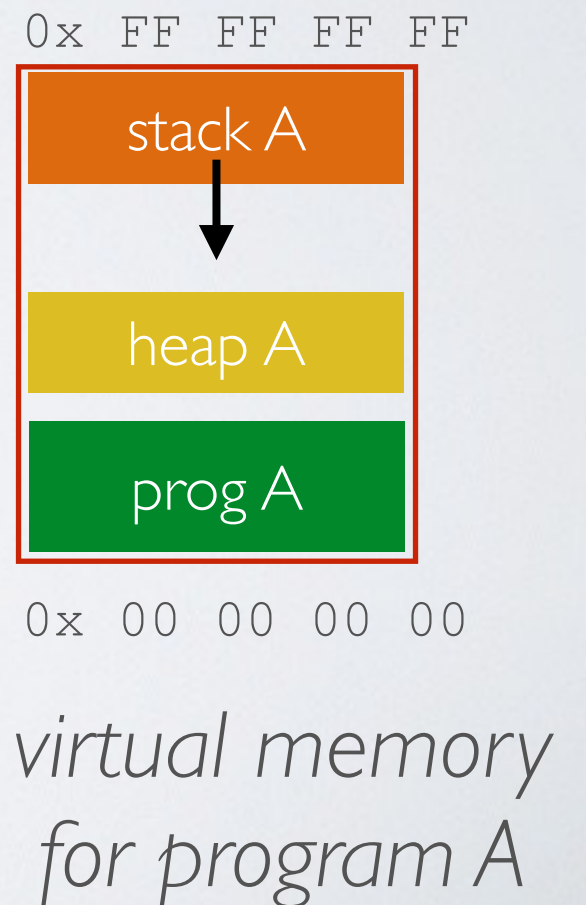
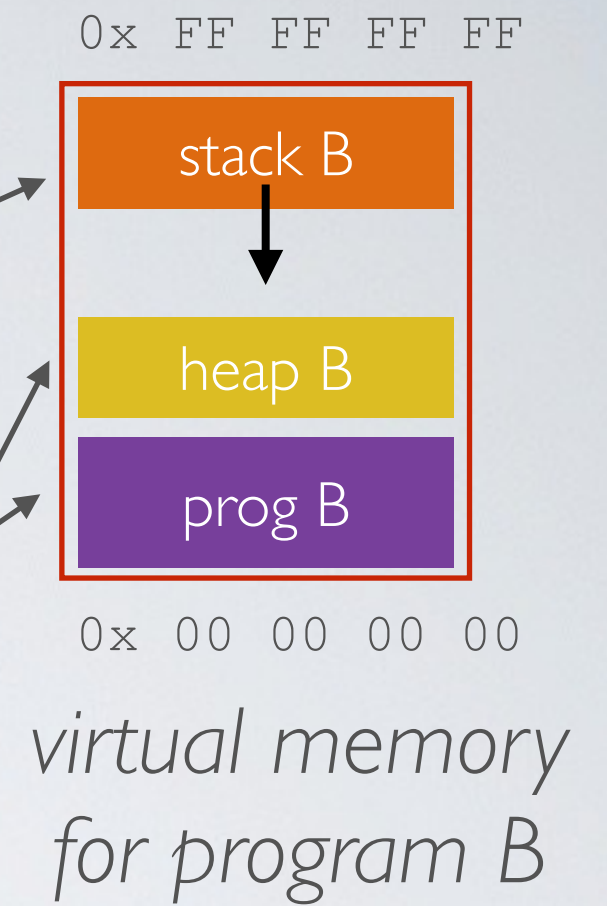
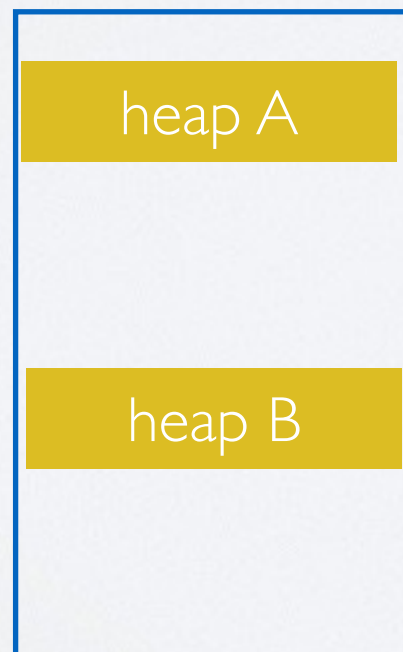


# Swap

*physical memory*



*hard drive*



The need for a **file system**