STOS - Booting Process

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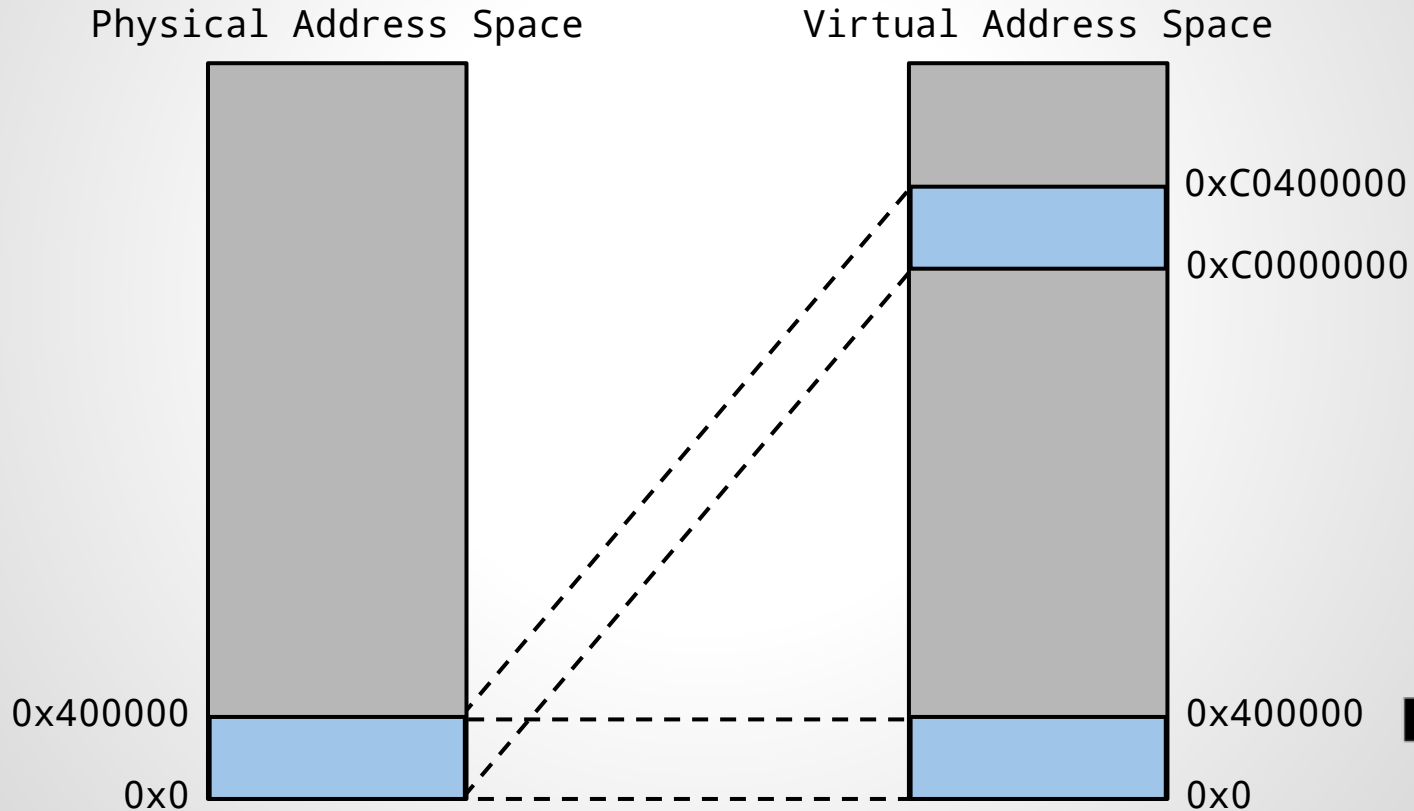
Multiboot

"an open standard that provides kernels with a uniform way to be booted by Multiboot-compliant bootloaders. The reference implementation of the Multiboot specification is provided by GRUB. "

-- OSdev Wiki

stos.grub

- setup `struct boot_interface`
  - memory regions
  - module list
  - command line
  - initramfs
- setup basic pagination for high memory
- launch stos

Kernel in High Memory

Physical Address Space   Virtual Address Space

0xC0400000

0xC0000000

0x400000   0x400000

0x0   0x0

We are now inside stos