Memory Mapping

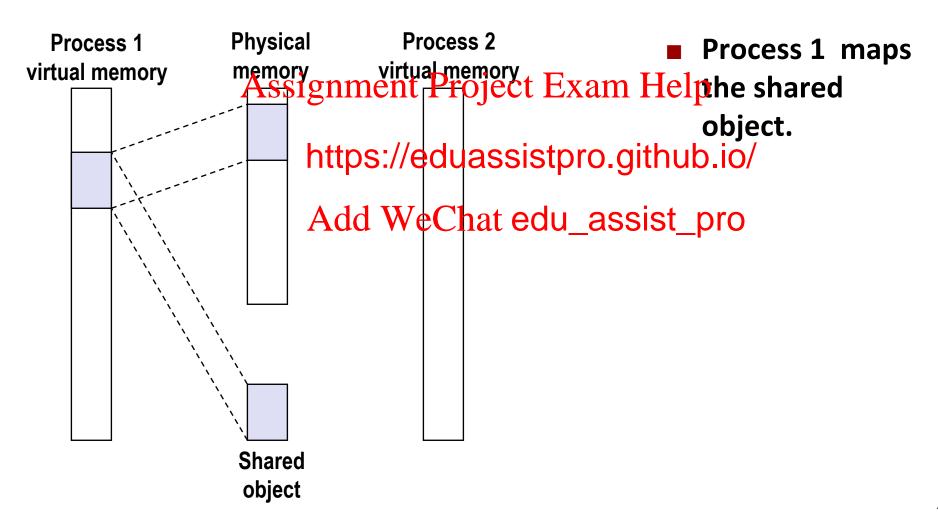
- VM areas initialized by associating them with disk objects.
 - Process is known as *memory mapping*.
- Area can be Assked by (iteP, rge etts Initiativalues from):
 - *Regular file* on
 - Initial page https://eduassistpro.gitleub.io/
 - Anonymous file (e.g. nething) hat edu_assist_pro
 First fault will allocate a physic 's (demand-zero page)

 - Once the page is written to (dirtied), it is like any other page
- Dirty pages are copied back and forth between memory and a special *swap file*.

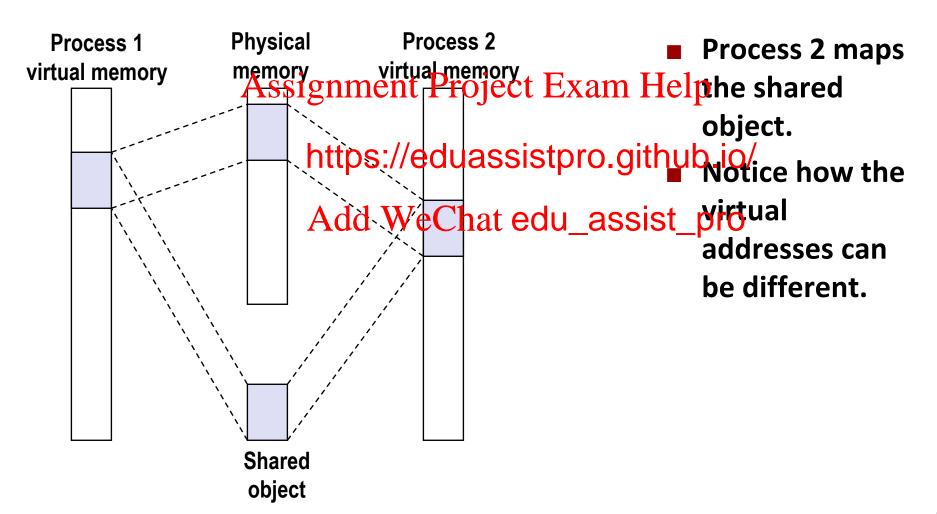
Demand paging

- Key point: no virtual pages are copied into physical memory until they are referenced!
 - Known as demand paging
 Assignment Project Exam Help
- Crucial for time https://eduassistpro.github.io/Add WeChat edu_assist_pro

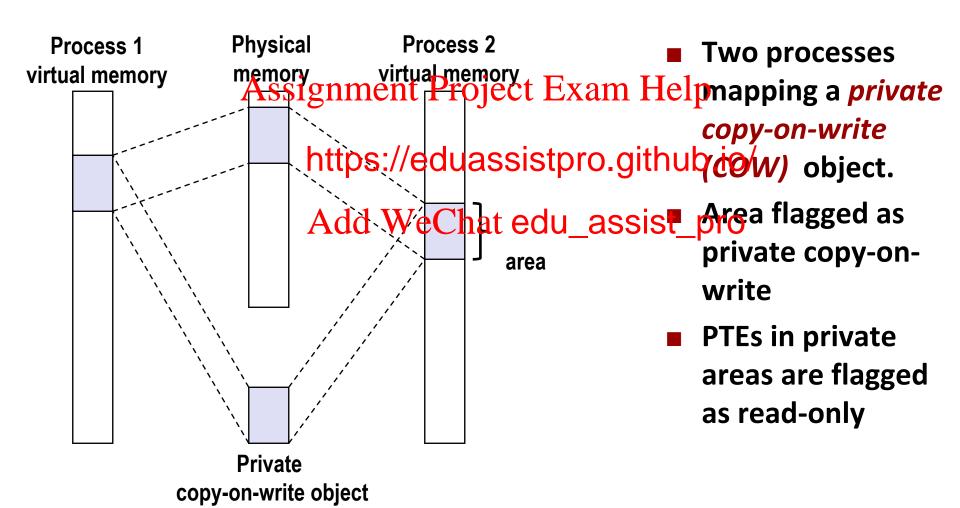
Sharing Revisited: Shared Objects



Sharing Revisited: Shared Objects



Sharing Revisited: Private Copy-on-write (COW) Objects



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