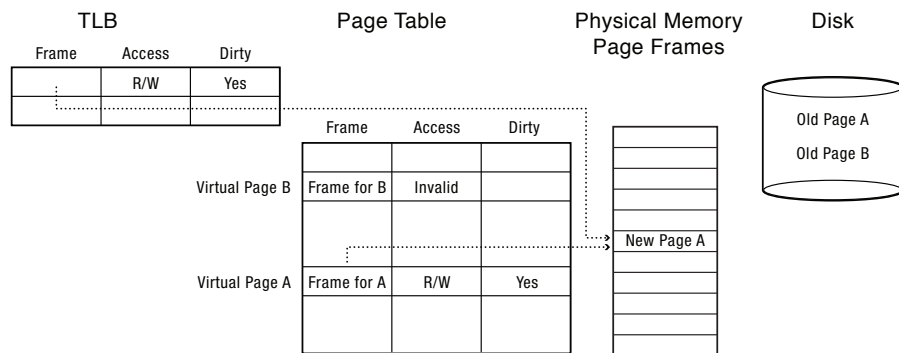


Keeping track of page modifications (after)



Virtual or physical dirty/use bits

- ◆ Most machines keep dirty/use bits in the page table entry
- ◆ Physical page is
 - **modified** if *any* page table entry that points to it is modified
 - **recently used** if *any* page table entry that points to it is recently used
- ◆ On MIPS, simpler to keep dirty/use bits in the core map
 - Core map: map of physical page frames