Two-Level Page Tables

Virtual addresses have three parts

- a master page number i.e the index in the master page table (a.k.a "page directory") that maps to a secondary page table
- a secondary page number i.e the index in the secondary page table (a.k.a "page table") that maps to the physical memory
- an offset that indicates where in physical page address is located

Two-Level Page Lookup Physical Memory Virtual Address secondary page offset master page Physical Address Page Directory frame offset page frame page frame Page Tables