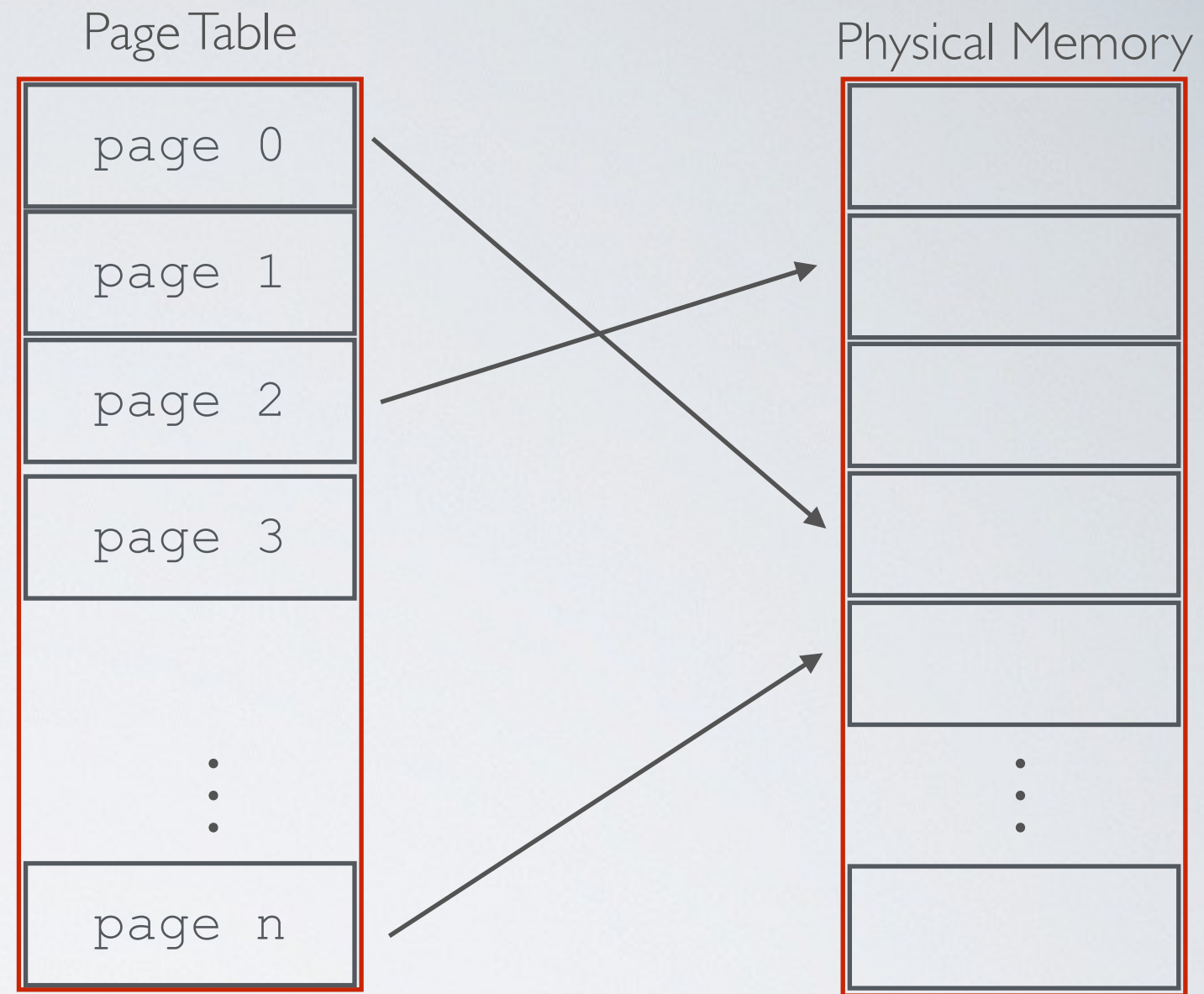


Smaller page tables

# The problem



**Each process has a page table** defining its address space

- Considering 32-bit address space with 4K  
the size of the pages table is  $2^{32} / 2^{12} \times 4 \text{ B} = 4\text{MB}$  / process  
**this is a big overhead!**