

Page Lookup

Virtual Address

page	offset
3	128

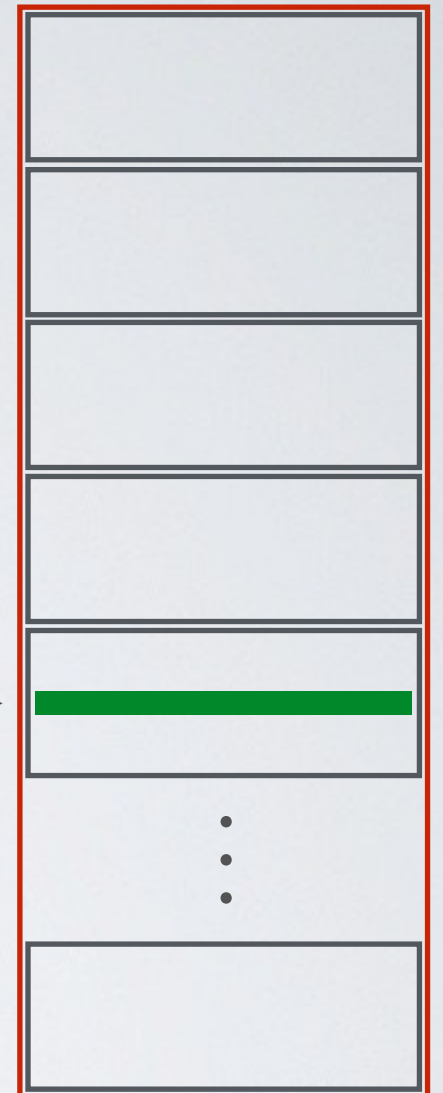
Page Table

m	r	v	p	ppe
1	1	1	rw	5

Physical Address

page	offset
5	128

Physical Memory



Paging Advantages

- ✓ Easy to allocate memory
 - Memory comes from a free list of fixed size chunks
 - Allocating a page is just removing it from the list
 - External fragmentation not a problem
- ✓ Easy to swap out chunks of a program
 - All chunks are the same size
 - Use valid bit to detect references to swapped pages
 - Pages are a convenient multiple of the disk block size