











Buddy Example - Allocation												
	64 KB											
Alloc (16KB)												
16KB		16ł	КB	32KB								
Alloc (32KB)												
16KB		16ł	<В	32KB								
	Alloc (4KB)											
16KB	4KB 4	1KB	8KB	32KB								
	Alloc (4KB)											
16KB	4KB 4	1KB	8KB	32KB								
Alloc (4KB)												
16KB	4KB 4	4KB	4KB 4KB	32KB								
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Buddy Example - Deallocation											
16KB	4KB 4KB 4KB 4KB 32KB										
Free()											
16KB	4KB	4KB	4KB	4KB	32КВ						
Free()											
16KB	81	КB	4KB	4KB	32KB						
Free()											
16KB		16	KB		32KB						
Free()											
32	KB			32KB							
				Free()							
64 KB											
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_	Internal Fragmentation											
	64 KB											
_	Alloc (12KB)											
	12KB			16	KB			32KB				
	Alloc (24KB)											
	12KB			16	KB			24KB				
					Allo	c (4KE	3)					
	12KB		4KB	4KB	8	KB		24KB				
					Allo	c (4KE	3)					
	12KB		4KB	4KB	8	KB		24KB				
	Alloc (3KB)											
	12KB		4KB	4KB	зкв	4KB		24KB				
	Virginia	ch		C	CS 32	04 Fal	2008	10/30/2008	10			

















LRU													
 Evict least-recently-used page Great if past = future: becomes MIN! Major problem: would have to keep track of "recency" on every access, either by timestamping, or move to front of a list – Infeasible to do that at pipeline speed 													
	2	3	2	1	5	2	4	5	3	2	5	2	
	2	2	2	2	2	2	2	2	3	3	3	3	
		3	3	3	5	5	5	5	5	5	5	5	
				1	1	1	4	4	4	2	2	2	
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