JOS Virtual Memory Map

Label	Region	Perms	Size
4 Gig			
	Remapped physical memory	RW/--	256 MB
KERNBASE		f0000000	
	Cur. page table (Kern RW)	RW/--	PTSIZE
VPT KSTACKTOP		efc00000	
	Kernel stack	RW/--	KSTKSIZE
	Invalid Memory	--/--	
ULIM		ef800000	
	Cur. page table (User R-)	R-/R-	PTSIZE
UVPT		ef400000	
	PAGES (User R-)	R-/R-	PTSIZE
UPAGES		ef000000	
	ENVS (User R-)	R-/R-	PTSIZE
UTOP UENVS		eec00000	
	Program data & heap		
UTEXT		00800000	
	Empty memory		
UTEMP		00400000	
	Empty memory		
USTABDATA	User STAB data (optional)		PTSIZE
		00200000	
	Empty memory		
0		00000000	

Label	Region	Perms	Addr	Size
UXSTACKTOP			eec00000	
	User exception stack	RW/RW		PGSIZE
			eebff000	
	Empty memory	--/--		
USTACKTOP			eebfe000	
	Normal user stack	RW/RW		PGSIZE
			eebfd000	