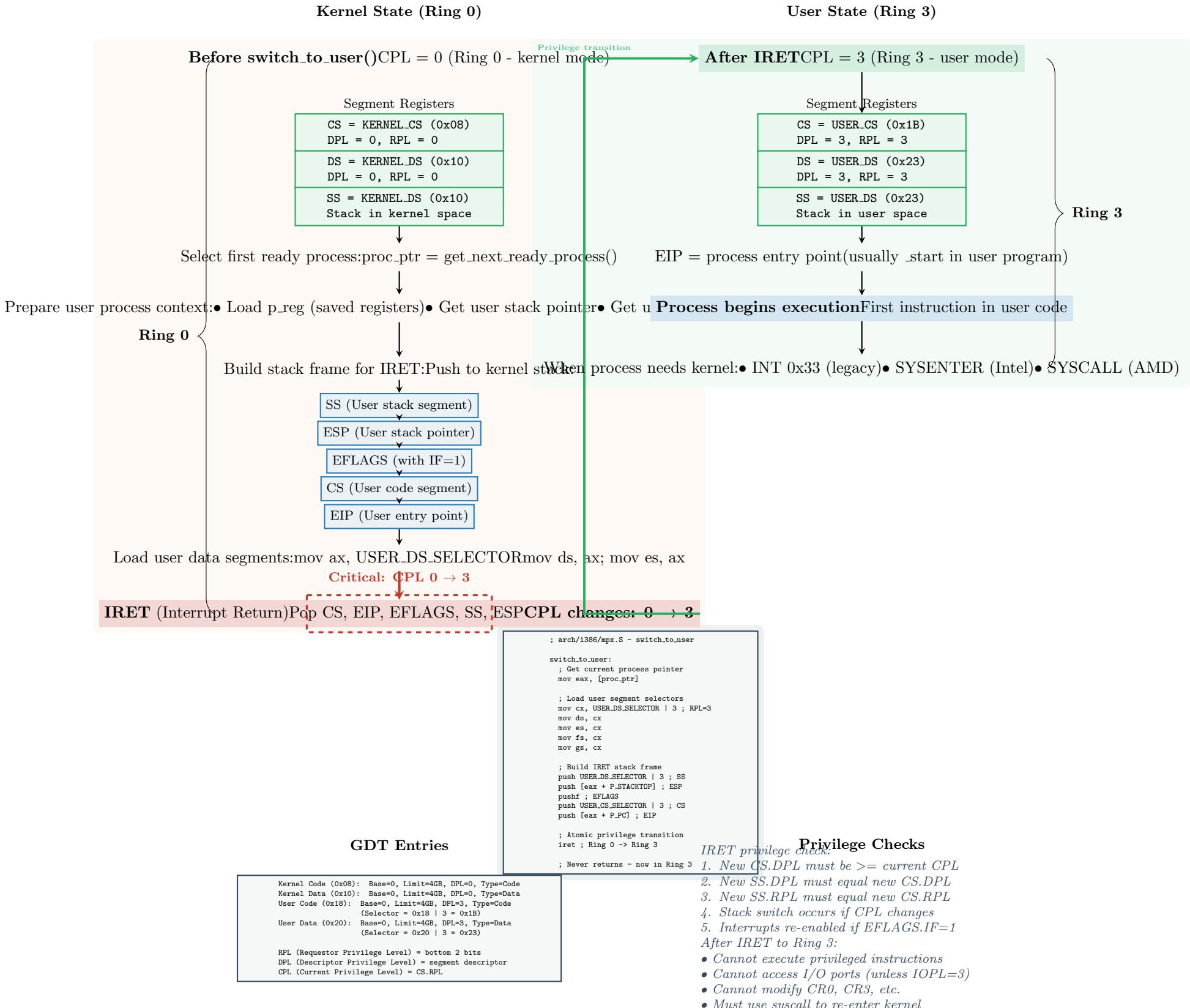


# Kernel to Userspace Transition

Ring 0 → Ring 3 Privilege Level Change (switch\_to\_user)

Source: arch-specific code (i386: arch/i386/mpx.S, switch\_to\_user)



**Note:** Each process has its own CR3 (page directory) loaded before switch\_to\_user(). All processes share kernel code mapped at high addresses (kernel space).