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**(no subject)**

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## Q&A on Interrupt

> `int 0x00xxx` is called in the user space. How does the user know when to call it?

The user can never know that an interrupt has occurred, and that this assembly instruction should be called. During a timer interrupt, for example, the instruction [int 0x...32] is invoked in the user space. It is important to note that this invocation is done by the OS (kernel). Whenever the CPU detects an interrupt, it stops continuing the usual FDE cycle, and directs the kernel to call this instruction (which is done via traversing the IDT and doing the steps as mentioned in the slides on interrupts.)

other

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[edit](#)[good note](#) | 0

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