

HW Chapter 1-2

Chapter 1

19)

- What is the purpose of interrupts?
- What is the main difference between a trap and an interrupt?
- Traps can be generated intentionally by a user program. For what purpose?

Chapter 2

5)

- What is the purpose of the command interpreter?
- Why is it usually separate from the kernel?

Source Code Practical:

Linux source code:

- What is the exact hexadecimal value for the bit mask that indicates that *interrupt polling* is in progress?
- Where is this information found?

Search hints:

- interrupts are a fundamental OS service
- polling is an attempt to identify an interrupt request (*irq*)
- values/macros are typically found and defined in an include file