1. Man page for open() system call:
   1. Bugs listed
      * Not possible to enable signal-drive I/O by specifying O\_ASYNC when calling open().
      * When trying to determine whether the kernel supports O\_TMPFILE functionality, both the EISDIR and ENOENT error codes must be checked.
      * When both O\_CREAT and O\_DIRECTORY are specified in flags and the file specified by pathname does not exist, open() will create a regular file. (O\_DIRECTORY is ignored)
   2. What files?
      * sys/types.h
      * sys/stat/h
      * fcntl.h
   3. Related system calls
      * chmod()
      * chown()
      * close()
   4. Other system call: close()
      * Bugs:
        + Close() has no bugs listed
      * Files needed:
        + unistd.h
2. LXR, kernel version: 5.15
   1. * Structure is defined in file *usb.h*.
      * First five members of the struct are:
        + int devnum
        + char devpath[16]
        + u32 route
        + enum usb\_device\_state state
        + enum usb\_device\_speed speed
   2. 5th struct member is type declared in file: ch9.h (line 1159, as an enum)
   3. Enumeration declaration for usb\_device\_speed:

|  |
| --- |
| enum [**usb\_device\_speed**](https://elixir.bootlin.com/linux/v5.15/C/ident/usb_device_speed) {  [**USB\_SPEED\_UNKNOWN**](https://elixir.bootlin.com/linux/v5.15/C/ident/USB_SPEED_UNKNOWN) = 0, */\* enumerating \*/*  [**USB\_SPEED\_LOW**](https://elixir.bootlin.com/linux/v5.15/C/ident/USB_SPEED_LOW), [**USB\_SPEED\_FULL**](https://elixir.bootlin.com/linux/v5.15/C/ident/USB_SPEED_FULL), */\* usb 1.1 \*/*  [**USB\_SPEED\_HIGH**](https://elixir.bootlin.com/linux/v5.15/C/ident/USB_SPEED_HIGH), */\* usb 2.0 \*/*  [**USB\_SPEED\_WIRELESS**](https://elixir.bootlin.com/linux/v5.15/C/ident/USB_SPEED_WIRELESS), */\* wireless (usb 2.5) \*/*  [**USB\_SPEED\_SUPER**](https://elixir.bootlin.com/linux/v5.15/C/ident/USB_SPEED_SUPER), */\* usb 3.0 \*/*  [**USB\_SPEED\_SUPER\_PLUS**](https://elixir.bootlin.com/linux/v5.15/C/ident/USB_SPEED_SUPER_PLUS), */\* usb 3.1 \*/*  }; |