```
struct dirent {
                   d ino;
                                 /* Inode number */
    ino t
3
    off t
                   d off:
                                 /* Not an offset; see below */
    unsigned short d reclen;
                                 /* Length of this record */
    unsigned char d type;
                                 /* Type of file; not supported
5
                                    by all filesystem types */
                   d name[256]; /* Null-terminated filename */
    char
```