

```
1 struct dirent {
2     ino_t      d_ino;      /* Inode number */
3     off_t      d_off;      /* Not an offset; see below */
4     unsigned short d_reclen; /* Length of this record */
5     unsigned char d_type;   /* Type of file; not supported
6                             by all filesystem types */
7     char        d_name[256]; /* Null-terminated filename */
8 };
```