



lstat()

The `lstat()` function retrieves metadata about a file or symbolic link, but unlike `stat()`, it doesn't follow symbolic links. Instead, it provides information about the link itself.

It's defined in the `"sys/stat.h"` system header.

```
#include <sys/stat.h>

// "pathname" is the path to the file or symlink
// "statbuf" is a pointer to store metadata
int lstat(const char *pathname, struct stat *statbuf);
```

On success, returns 0. In case of failure, returns -1 and sets `"errno"`.

Example Usage

```
#include <sys/stat.h>
#include <stdio.h>

int main(void)
{
    struct stat statbuf;

    if (lstat("/path/to/mylink", &statbuf) == -1)
    {
        perror("lstat");
        return (1);
    }
    if (S_ISLNK(statbuf.st_mode))
        printf("This is a symbolic link!\n");
    else if (S_ISREG(statbuf.st_mode))
        printf("Regular file.\n");
    return (0);
}
```