



open()

`open()` opens a file and returns a file descriptor.

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

/**
 * "pathname" is the path to the file
 * "flags" specify the access mode (e.g. O_RDONLY, O_WRONLY...)
 * "mode" are the file permissions, used only if O_CREAT is specified
 *
 * returns the file descriptor on success
 * on failure, returns -1 and sets "errno"
 */
int open(const char *pathname, int flags, mode_t mode);
```