{···}

chdir()

The `chdir()` function changes the current working directory of the calling process. It's defined in the "unistd.h" system header.

This function is the system call that powers the "cd" command. When introducing 'cd /some/path' in a shell, the shell internally calls 'chdir("/some/path")' to change its working directory.

```
#include <unistd.h>

// "path" is the new absolute/relative working directory
int chdir(const char *path);
```

Returns 0 if success. In case of failure, returns -1 and sets "errno".

Common "errno" values:

- "EACCES" → No search permission for a directory component

- "ENOENT" → Directory does not exist

- "ENOTDIR" → A path component is not a directory

Example Usage

```c
#include <unistd.h>
#include <stdio.h>

int main(void)
{
    if (chdir("/tmp") == 0)
        printf("Changed to /tmp.\n");
    else
        perror("chdir failed");
    return (0);
}
```