

1. `pwd` \rightarrow `getcwd()`

`cd` \rightarrow `chdir()`

2. directory are special files containing hardlinks

3. directory link count will increase if
create a new directory under it.

4. l_i for $i = 1, \dots, n$ is the same inode number

5. `unlink` is removing the map between the file and inode number and reduce the link count.

6. don't `unlink` it if the file has been opened.