

inode struct (in memory)

uint dev
uint inum
int ref
struct sleeplock lock
int valid
short type
short major
short minor
short nlink
uint size
uint addrs

dinode struct (on disk)

short type
short major
short minor
short nlink
uint size
uint addrs
addr1
...
addr12
indirect

indirect addrs

addr1
...
addrX
...
addr128

virtual memory

data
data
data
data
data

-- copy --

-- copy --

