(/ = root)

Bitmap
~~posit~~ occupied?
data   inode

Inode
posit
root   foo   bar

Data info
root   foo   bar

create /foo/bar

read
        read
    read
            read
read
write   write
            read
    write   write

assume
open /foo/bar

read   read
    read   read
        read

read
            read

assume
read /foo/bar$

assume
write /foo/bar

read
read
write   write
            write