

kern\_path\_create()  
user\_path\_create()  
do\_mknodat()  
do\_mkdirat()  
do\_symlinkat()  
do\_linkat()

do\_sys\_open

fs\_lookup\_param()  
kern\_path()  
vfs\_path\_lookup()  
user\_path\_at\_empty()  
do\_linkat()  
vfs\_statx()  
io\_getxattr()  
io\_setxattr()

filename\_create()

\_kern\_path\_locked()  
do\_rmdir()  
do\_unlinkat()  
do\_renameat2()

do\_sys\_openat2()

path\_openat()

see bottom right (\*)

do\_open\_execat()  
file\_open\_name()  
io\_openat2()

filename\_parentat()

do\_filp\_open()

do\_tmpfile()

filename\_lookup()

do\_o\_path()

do\_file\_open\_root()

path\_lookupat()

path\_parentat()

path\_openat() (\*)

link\_path\_walk()