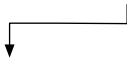


do_sys_open()

```
return do_sys_openat2(dfd, filename, &how);
```



do_sys_openat2(int dfd, const char __user *filename,
 struct open_how *how)

```
int fd = build_open_flags(how, &op);  
fd = get_unused_fd_flags(how->flags);  
struct file *f = do_filp_open(dfd, tmp, &op);
```



do_filp_open(int dfd, struct filename *pathname,
 const struct open_flags *op)

```
{  
    set_nameidata(&nd, dfd, pathname, NULL);  
    filp = path_openat(&nd, op, flags, ...)  
    restore_nameidata();  
    return filp;  
}
```