

1. `ls /tmp/mount/dir2` calls the following:

```
getattr(/dir2, 0x7f2cebffec30)
readdir(/dir2, 0x7f2cec0016b0)
getattr(/dir2/newfile, 0x7f2cf0c48c30)
```

2. `passthrough_utimens` is called using the following list of commands

- `touch /tmp/hyungmo/dir1` (when directory `dir1` already exists)
- `touch /tmp/hyungmo/newfile` (when file `newfile` doesn't exist)
- `touch /tmp/mount/afile` (when file `afile` already exists)

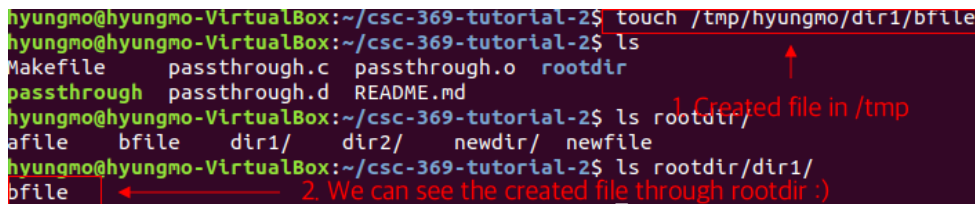
3. `cd /tmp/hyungmo/dir1` is called, the following functions are run

- `getattr`

4. FUSE doesn't detect `passthrough` code created in `rootdir/dir1`

NOTE: None detected when a file is created through `rootdir`

5. Creating a file in `/tmp/hyungmo/dir1` can be seen through `rootdir`



A terminal window showing the following commands and output:

```
hyungmo@hyungmo-VirtualBox:~/csc-369-tutorial-2$ touch /tmp/hyungmo/dir1/bfile
hyungmo@hyungmo-VirtualBox:~/csc-369-tutorial-2$ ls
Makefile      passthrough.c  passthrough.o  rootdir
passthrough  passthrough.d  README.md
hyungmo@hyungmo-VirtualBox:~/csc-369-tutorial-2$ ls rootdir/
afile  bfile  dir1/  dir2/  newdir/  newfile
hyungmo@hyungmo-VirtualBox:~/csc-369-tutorial-2$ ls rootdir/dir1/
bfile
```

Annotations in red:

- An arrow points from the text "1. Created file in /tmp" to the command `touch /tmp/hyungmo/dir1/bfile`.
- An arrow points from the text "2. We can see the created file through rootdir :)" to the output `bfile` in the `ls rootdir/dir1/` command.

6. `passthrough_rename` is called using `mv` command

7. On creating a non-empty file in `tmp/hyungmo`, two files are created

- `bfile`
- `/.bfile.swp`

8. Just running `nano /tmp/hyungmo/bfile` invokes the following system calls

- `create`
- `getattr`
- `write`

9. Writing words, saving and exiting in `nano /tmp/hyungmo/bfile` invokes the following system calls:

- `getattr`
- `create`
- `unlink`
- `write`

10. Accessing `nano /tmp/hyungmo/bfile` invokes the following system calls

- `getattr` (from `bfile` and `.bfile.swp`)
- `create` (from `.bfile.swp`)
- `read` (from `bfile`)
- `write` (from `.bfile.swp`)