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## hidden

~11 МБ в «пустом» каталоге могут быть спрятаны в скрытом файле, поэтому ниже создаём hidden.txt:

```
MacBook-Air-Angelina:osi angelinapavlovets$ cd task1
MacBook-Air-Angelina:task1 angelinapavlovets$ dd if=/dev/urandom of=.hidden.txt bs=1m count=11
11+0 records in
11+0 records out
11534336 bytes transferred in 0.030859 secs (373775509 bytes/sec)
MacBook-Air-Angelina:task1 angelinapavlovets$ ls
MacBook-Air-Angelina:task1 angelinapavlovets$ du -sh
11M      .
```

## mvslash

1. Первая команда переименовала some\_file в foo, вторая – выдаёт «No such file or directory»:

```
MacBook-Air-Angelina:task1 angelinapavlovets$ touch some_file
MacBook-Air-Angelina:task1 angelinapavlovets$ mv some_file foo
MacBook-Air-Angelina:task1 angelinapavlovets$ ls
foo
MacBook-Air-Angelina:task1 angelinapavlovets$ rm foo
MacBook-Air-Angelina:task1 angelinapavlovets$ touch some_file
MacBook-Air-Angelina:task1 angelinapavlovets$ mv some_file foo/
mv: rename some_file to foo/: No such file or directory
MacBook-Air-Angelina:task1 angelinapavlovets$ ls
some_file
```

2. Первая команда переименовала some\_file в foo и удалила первоначальный foo, вторая – выдаёт «Not a directory»:

```
MacBook-Air-Angelina:task1 angelinapavlovets$ touch foo
MacBook-Air-Angelina:task1 angelinapavlovets$ touch some_file
MacBook-Air-Angelina:task1 angelinapavlovets$ mv some_file foo
MacBook-Air-Angelina:task1 angelinapavlovets$ ls
foo
MacBook-Air-Angelina:task1 angelinapavlovets$ touch some_file
MacBook-Air-Angelina:task1 angelinapavlovets$ mv some_file foo/
mv: rename some_file to foo/: Not a directory
MacBook-Air-Angelina:task1 angelinapavlovets$ ls
foo      some file
```

3. Обе команды перемещают `some_file` в `foo/`:

```
MacBook-Air-Angelina:task1 angelinapavlovets$ ls
some_file
MacBook-Air-Angelina:task1 angelinapavlovets$ mkdir foo
MacBook-Air-Angelina:task1 angelinapavlovets$ mv some_file foo
MacBook-Air-Angelina:task1 angelinapavlovets$ ls
foo
MacBook-Air-Angelina:task1 angelinapavlovets$ ls foo
some_file
MacBook-Air-Angelina:task1 angelinapavlovets$ touch some_file2
MacBook-Air-Angelina:task1 angelinapavlovets$ mv some_file2 foo/
MacBook-Air-Angelina:task1 angelinapavlovets$ ls
foo
MacBook-Air-Angelina:task1 angelinapavlovets$ ls foo
some_file      some_file2
```

## dupdirs

Создаём временную директорию, удаляем `foo/bar/`, перемещаем временную в `foo/bar/` :

```
MacBook-Air-Angelina:task1 angelinapavlovets$ mkdir -p foo/bar/bar/{bar,baz} && touch
foo/bar/bar/{1,2}.txt,bar/{3,4,5}.txt,baz/{6,7,8}.txt
MacBook-Air-Angelina:task1 angelinapavlovets$ ls
foo
MacBook-Air-Angelina:task1 angelinapavlovets$ ls foo
bar
MacBook-Air-Angelina:task1 angelinapavlovets$ mv foo/bar/bar/ foo/temp
MacBook-Air-Angelina:task1 angelinapavlovets$ rm -rf foo/bar/
MacBook-Air-Angelina:task1 angelinapavlovets$ mv foo/temp/ foo/bar
MacBook-Air-Angelina:task1 angelinapavlovets$ ls foo/bar/
1.txt  2.txt  bar    baz
```

## cannottouch

Удаляем текущую директорию, и тогда добьёмся такой непонятной ошибки от команды `touch` :)

```
MacBook-Air-Angelina:task4 angelinapavlovets$ cd task4
MacBook-Air-Angelina:task4 angelinapavlovets$ ls -la
total 0
drwxr-xr-x  2 angelinapavlovets  staff   64 Apr 25 22:04 .
drwxr-xr-x  4 angelinapavlovets  staff  128 Apr 25 22:04 ..
MacBook-Air-Angelina:task4 angelinapavlovets$ rm -rf ../task4
MacBook-Air-Angelina:task4 angelinapavlovets$ touch file.txt
touch: file.txt: No such file or directory
```

## tardir

```
MacBook-Air-Angelina:task4 angelinapavlovets$ mkdir -p foo/bar/{baz,quux} && touch foo/bar/{1,2}.txt,baz/{3,4}.txt,quux/{5,6}.txt}
MacBook-Air-Angelina:task4 angelinapavlovets$ tar cf res1.tar ./foo/bar
MacBook-Air-Angelina:task4 angelinapavlovets$ tar cf res2.tar foo/bar
MacBook-Air-Angelina:task4 angelinapavlovets$ tar cf res3.tar -C foo/bar .
MacBook-Air-Angelina:task4 angelinapavlovets$ cd foo/bar && tar cvf ../../res4.tar * && cd -
a 1.txt
a 2.txt
a baz
a baz/4.txt
a baz/3.txt
a quux
a quux/5.txt
a quux/6.txt
/Users/angelinapavlovets/osi/task1/task4
MacBook-Air-Angelina:task4 angelinapavlovets$ tar -tf res1.tar
./foo/bar/
./foo/bar/2.txt
./foo/bar/1.txt
./foo/bar/quux/
./foo/bar/baz/
./foo/bar/baz/4.txt
./foo/bar/baz/3.txt
./foo/bar/quux/5.txt
./foo/bar/quux/6.txt
MacBook-Air-Angelina:task4 angelinapavlovets$ tar -tf res2.tar
foo/bar/
foo/bar/2.txt
foo/bar/1.txt
foo/bar/quux/
foo/bar/baz/
foo/bar/baz/4.txt
foo/bar/baz/3.txt
foo/bar/quux/5.txt
foo/bar/quux/6.txt
MacBook-Air-Angelina:task4 angelinapavlovets$ tar -tf res3.tar
./
./2.txt
./1.txt
./quux/
./baz/
./baz/4.txt
./baz/3.txt
./quux/5.txt
./quux/6.txt
MacBook-Air-Angelina:task4 angelinapavlovets$ tar -tf res4.tar
1.txt
2.txt
baz/
baz/4.txt
baz/3.txt
quux/
quux/5.txt
quux/6.txt
```

## extractone

```
[MacBook-Air-Angelina:Downloads angelinapavlovets$ tar -xvjf big2.tar.bz2 --wildcards *secret.txt
x enmfx4ki/2lvbefws/qp5ww8a0/dkws1g4/kvwq8wg2/secret.txt
```