

Instructions

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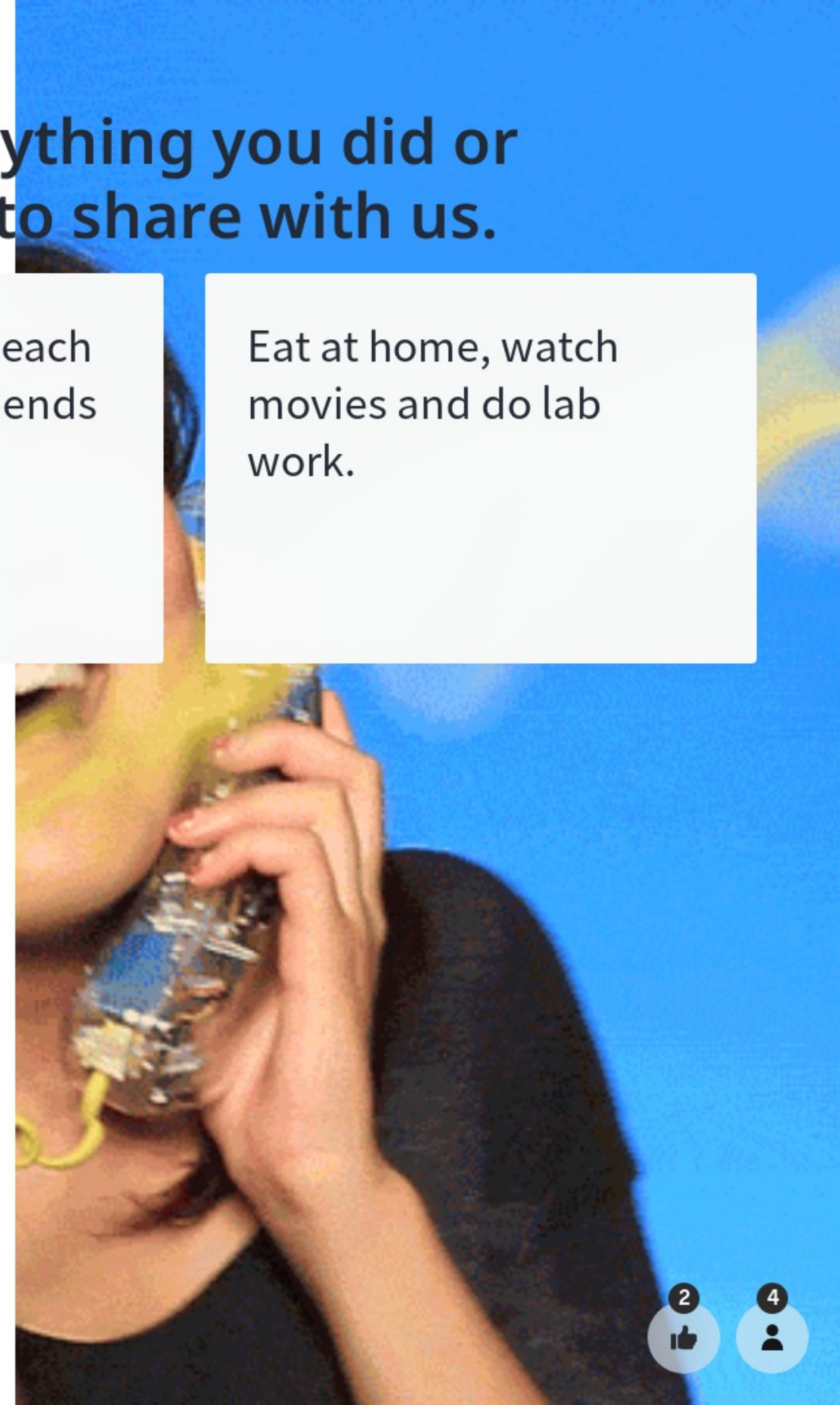
Share one highlight from the last week! It can be anything you did or experienced this long weekend that you would like to share with us.

Went to the beach!

went to canada's
wonderland for the
fireworks

i also visited the beach
having fun with friends

Eat at home, watch
movies and do lab
work.



2



4



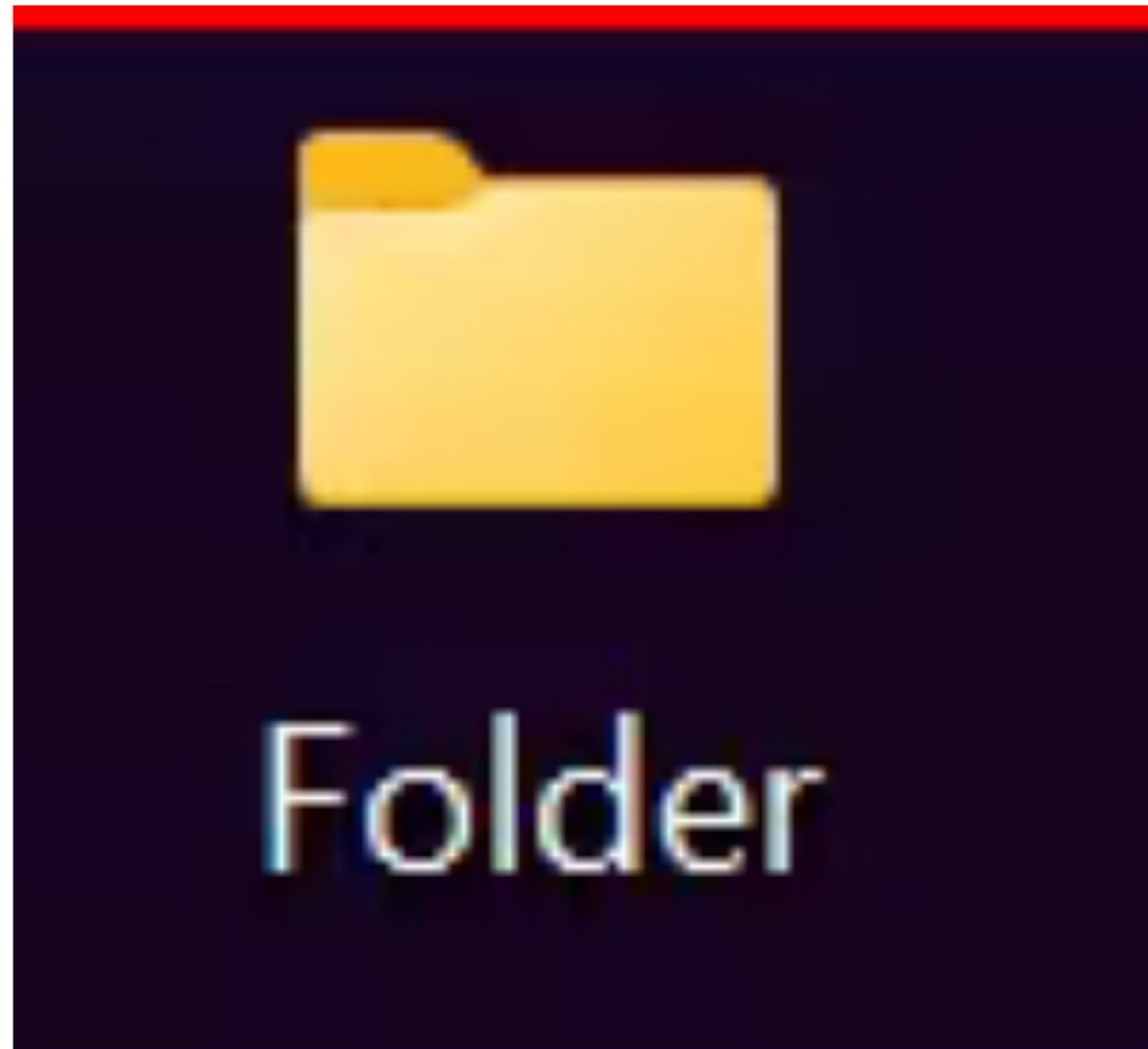
What is a directory?

a folder

It a location for storing
all the files.

directory is a special type
of file that contains a list of
other files

absolute path, relative
path



Directory



What is a path or pathname in context to directories or file system?

location path of a folder

/home/student
username

Route through which
files or directory can be
accessed

location



```
ls -l
```

```
dwxr-xr-x 2 murray.saul users 6 Jan 11 09:42 documents
```

```
-rw-r--r-- 1 murray.saul users 0 Jan 11 09:42 file.txt
```

```
crw-rw-rw- 1 root root 1, 3 Dec 2 07:25 /dev/null
```

What is the meaning of the first character on the left of the output of ls -l command.

Connect to Matrix!



Write the commands to create directory named slg in your home directory and go inside it.

```
mkdir ~/slg cd slg
```

```
mkdir ~/slg cd ~slg
```

```
mkdir slg cd ~/slg
```

```
mkdir ~/home/slg
```

```
/
```

1



5



Now we will be performing some commands together.

Make sure to follow what is said in the instructions. You are not allowed to use additional commands or change folders if it is not specified in the instructions. Each step is dependent on the previous one so don't miss any.

Note: Don't run the command if you are unsure. Just ask if it is right or wrong if unsure.



```
[pgarg13@mtrx-node02pd ~]$ tree OPS145
OPS145
├── Week3
│   ├── pathnames.txt
│   └── Revision
│       ├── cd.txt
│       ├── date.txt
│       ├── ls.txt
│       ├── man.txt
│       ├── pwd.txt
│       └── who.txt
2 directories, 7 files
```

We will be creating this file structure. OPS145 folder is in the SLG directory..

Write the command to create OPS145 directory

```
mkdir OPS145
```

```
mkdir Revision & mkdir  
/Revision/Week3
```



2



Write a single command to create Revision directory and Week3 directory together. Note: Revision directory is inside Week3 directory

```
mkdir Week3  
Week3/Revision
```

```
mkdir -p  
Week3/Revision
```

```
mkdir -p  
Week3/Revision
```

```
cd Week3/Revision & touch  
cd.txt date.txt ls.txt man.txt  
pwd.txt who.txt
```

Go inside Revision directory and write a single command to create all these text files.

```
cd Revision tree
```

```
cd Week3/Revision & touch  
cd.txt date.txt ls.txt man.txt  
pwd.txt who.txt
```

```
arg13@mtrx-node6  
145
```

```
Week3
```

```
└─ pathnames.t  
└─ Revision  
    └─ cd.txt  
    └─ date.tx  
    └─ ls.txt  
    └─ man.txt  
    └─ pwd.txt  
    └─ who.txt
```

```
directories, 7
```




```
[pgarg13@mtrx-node04pd ~]$ cat exit.txt  
Command to log-out to matrix server  
[pgarg13@mtrx-node04pd ~]$ █
```

Using vi text editor put the following text shown by cat command in exit.txt file.

Now write a single command to copy the content of exit.txt to a new file logout.txt

```
cp exit.txt logout.txt
```



1



**Create Week2 directory in OPS145
directory**



```
[pgarg13@mtrx-node05pd ~]$ tree -C OPS145
OPS145
├── Week2
│   └── commands
│       ├── cd.txt
│       ├── date.txt
│       ├── exit.txt
│       ├── logout.txt
│       ├── ls.txt
│       ├── man.txt
│       ├── pwd.txt
│       └── who.txt
└── Week3
    └── Revision
        ├── cd.txt
        ├── date.txt
        ├── exit.txt
        ├── logout.txt
        ├── ls.txt
        ├── man.txt
        ├── pwd.txt
        └── who.txt

4 directories, 16 files
```

Now write a single command to create a new directory named "commands" which has all the file of Revision directory

```
[pgarg13@mtrx-node05pd ~]$ tree -C OPS145
OPS145
├── Week2
│   └── commands
│       ├── cd.txt
│       ├── date.txt
│       ├── exit.txt
│       ├── logout.txt
│       ├── ls.txt
│       ├── man.txt
│       ├── pwd.txt
│       └── who.txt
└── Week3

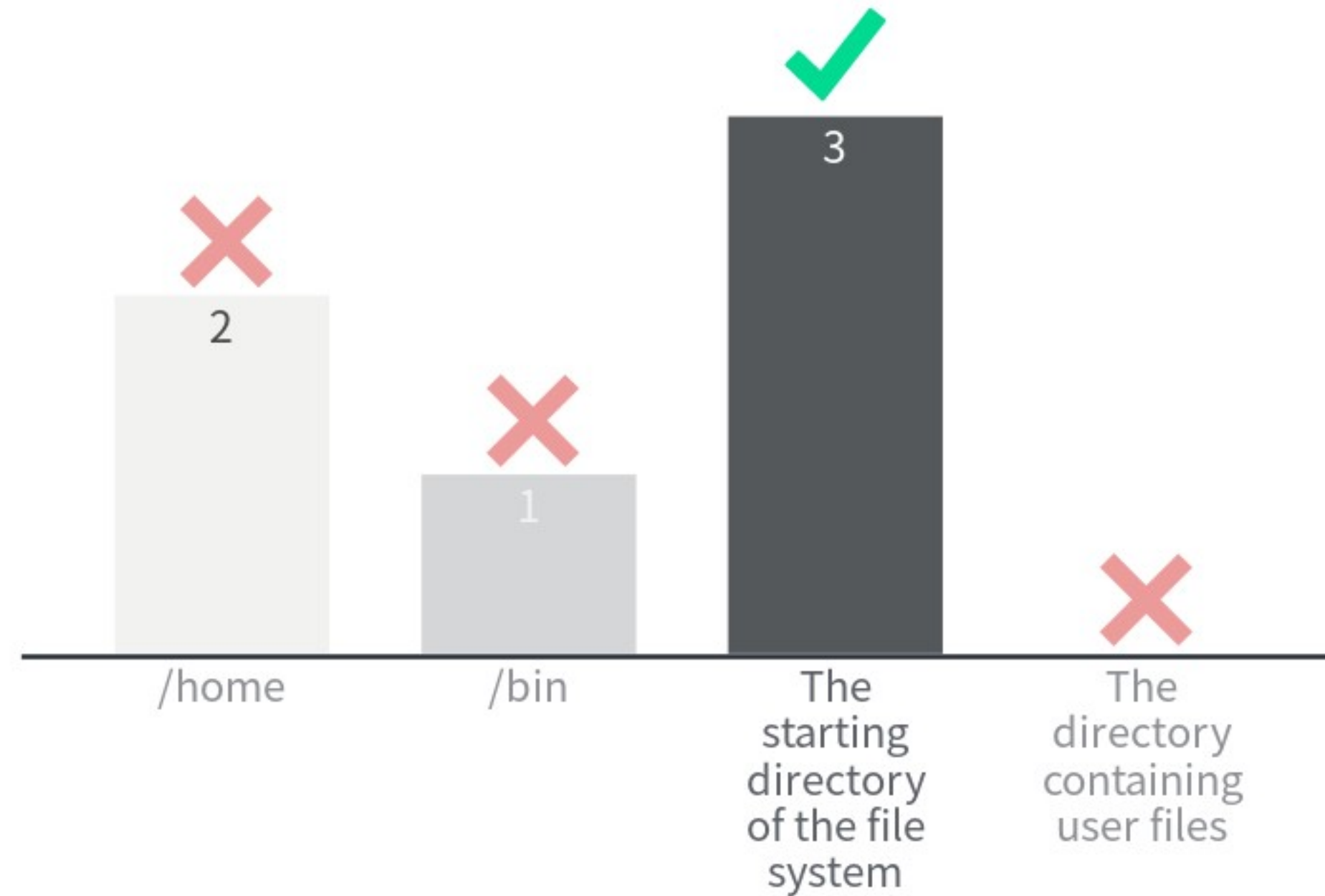
3 directories, 8 files
```

Write a single command to remove the Revision folder

Quiz time!

Quiz

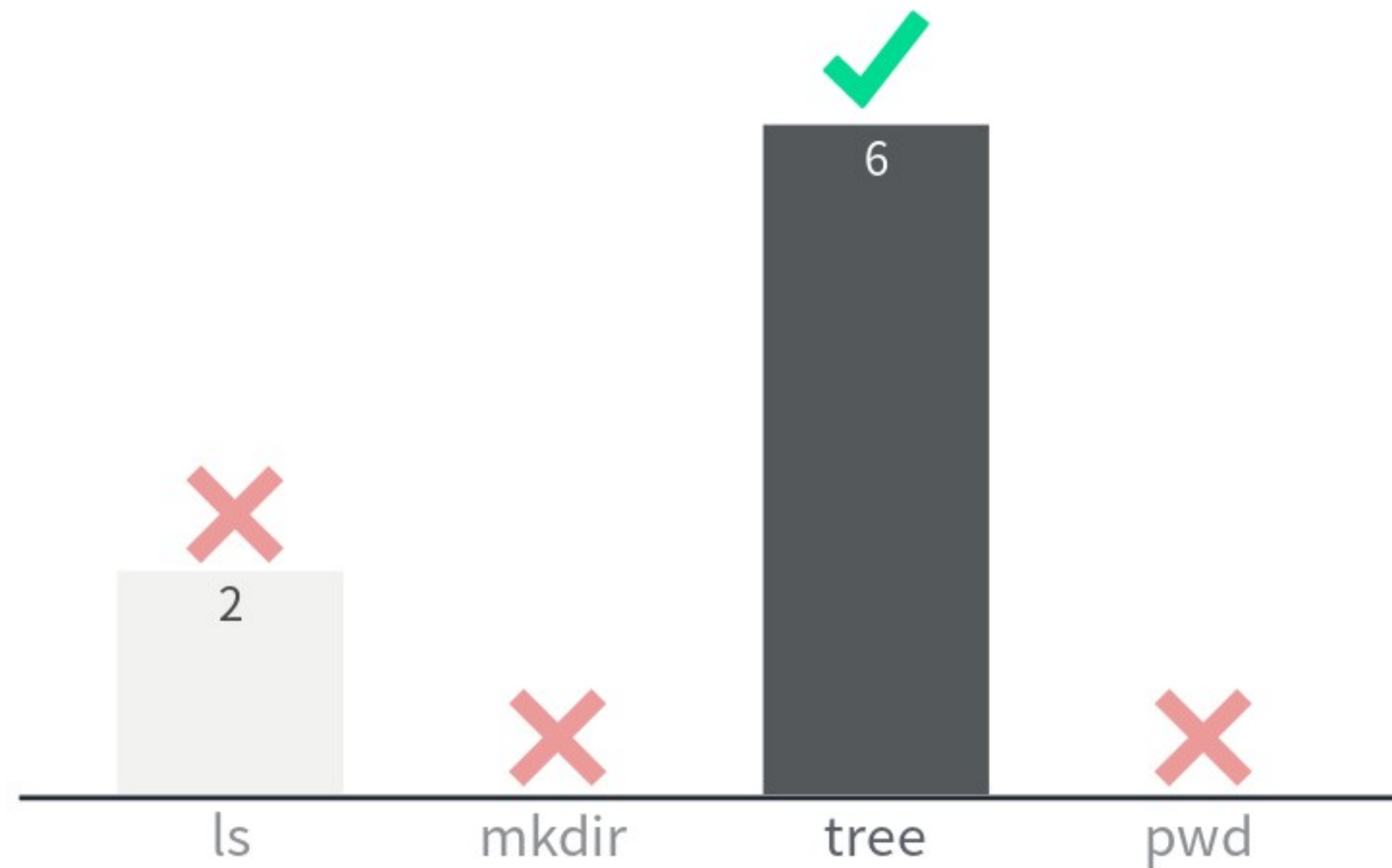
In Unix/Linux, what is the "root directory"?



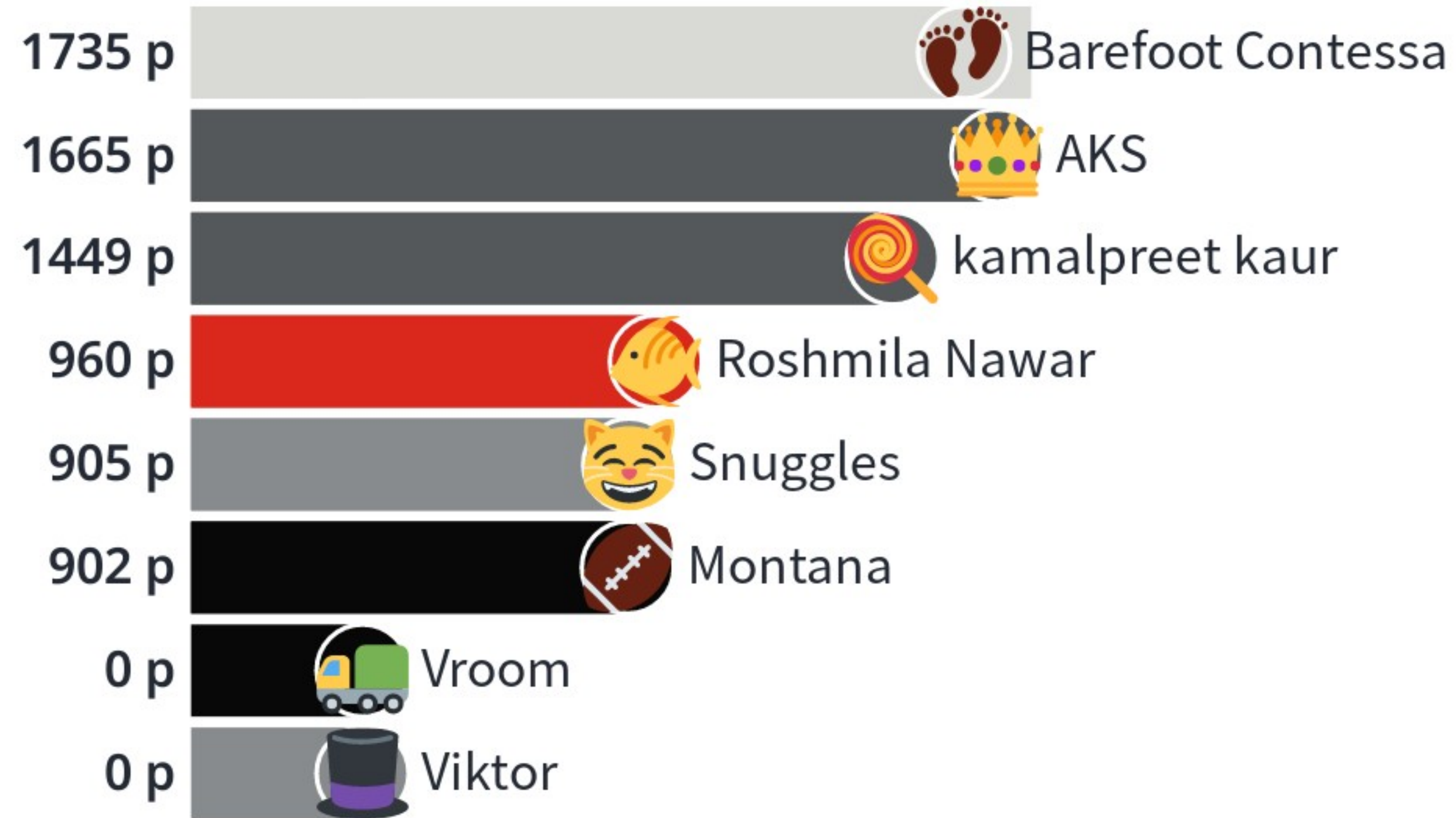
Leaderboard



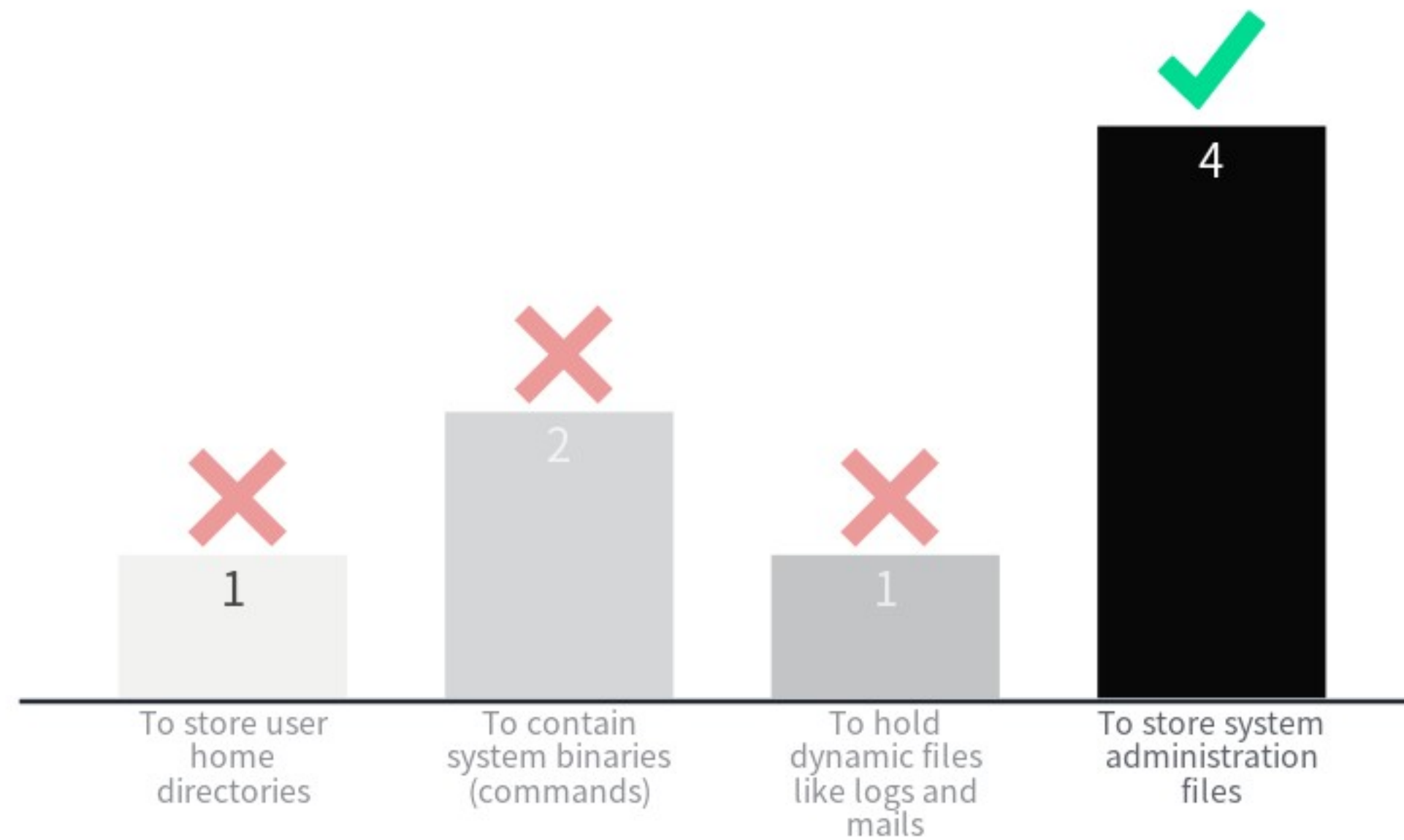
Which command is used to display a directory tree diagram in Unix/Linux?



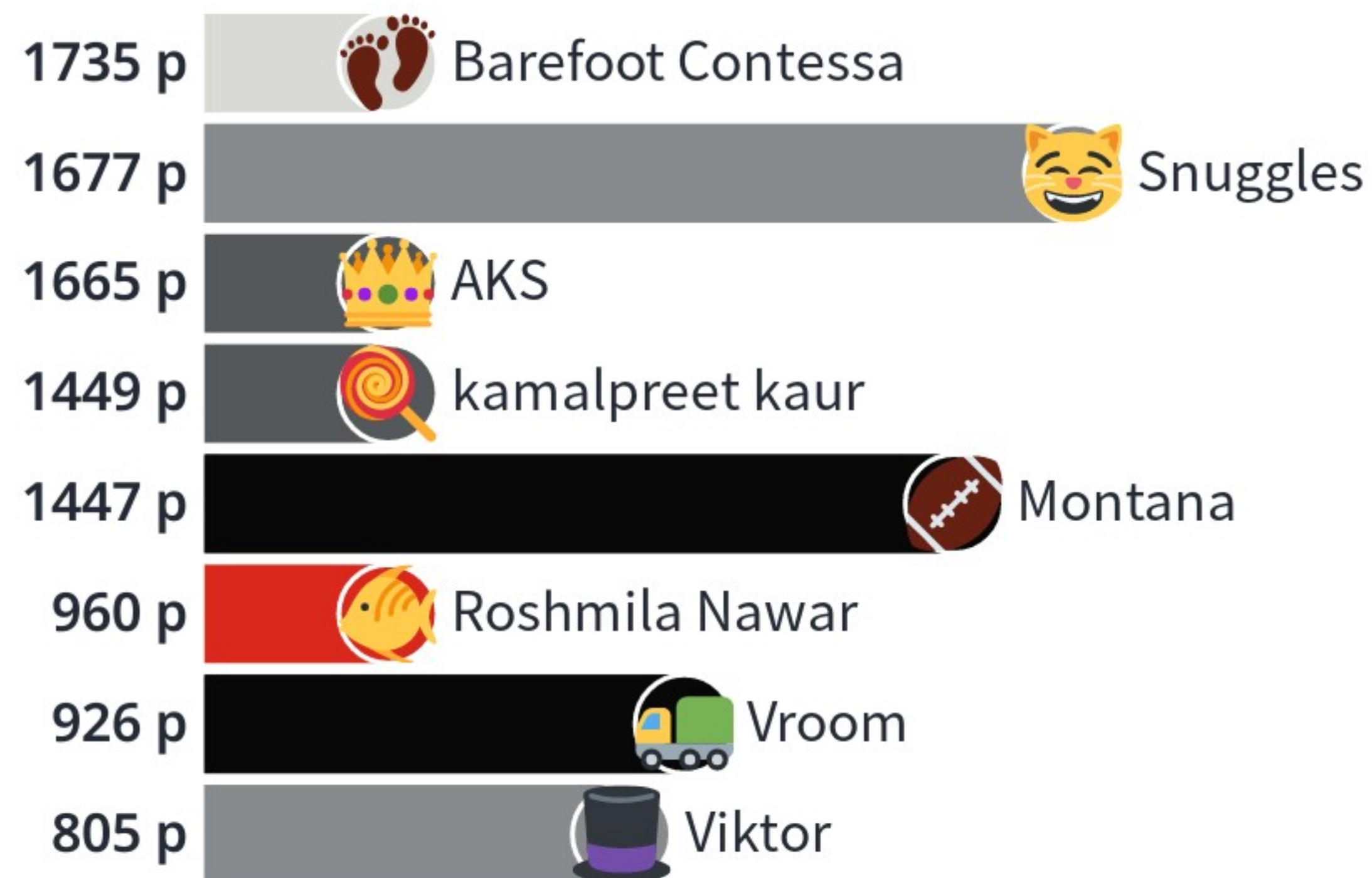
Leaderboard



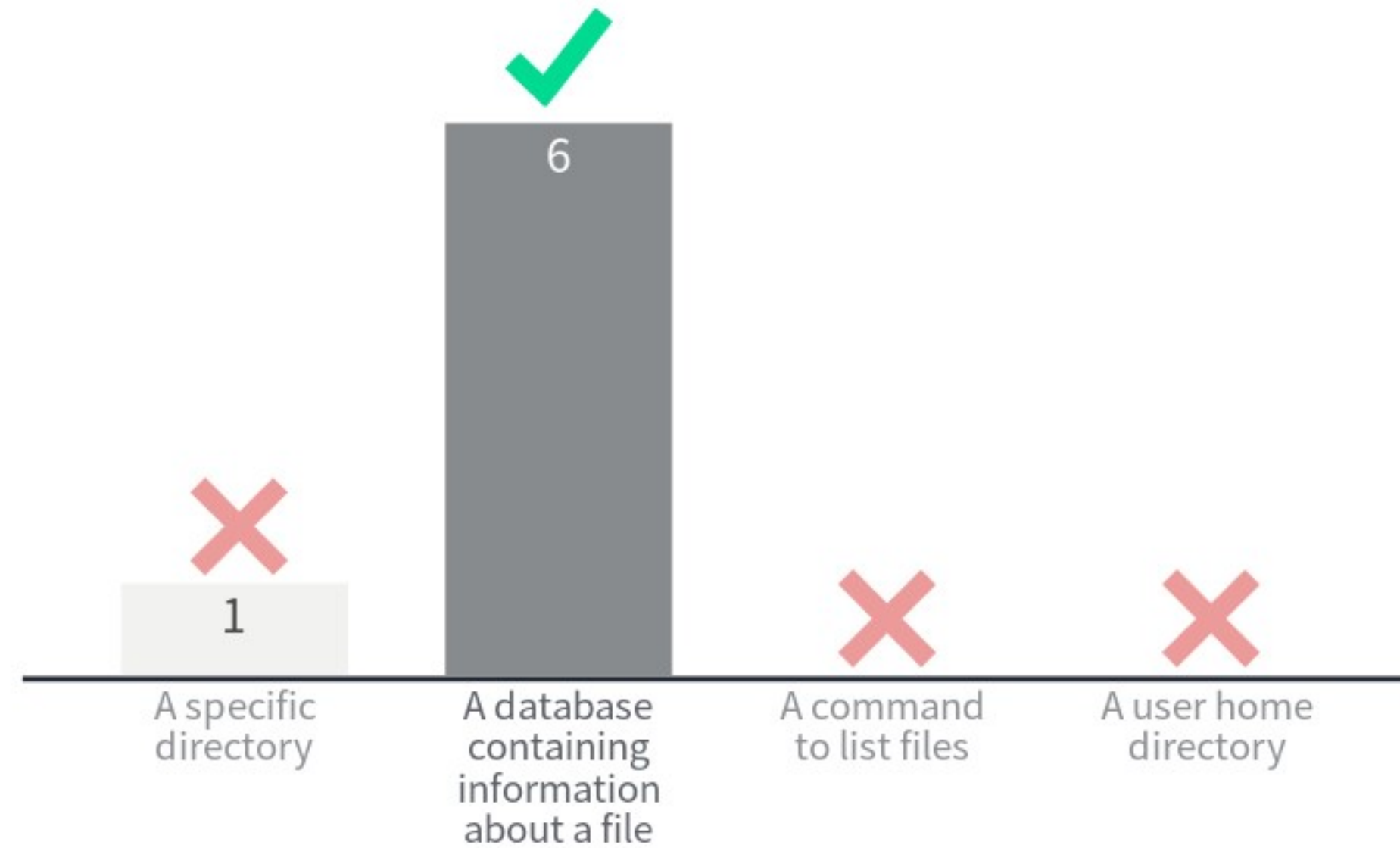
What is the purpose of the /etc directory in Unix/Linux?



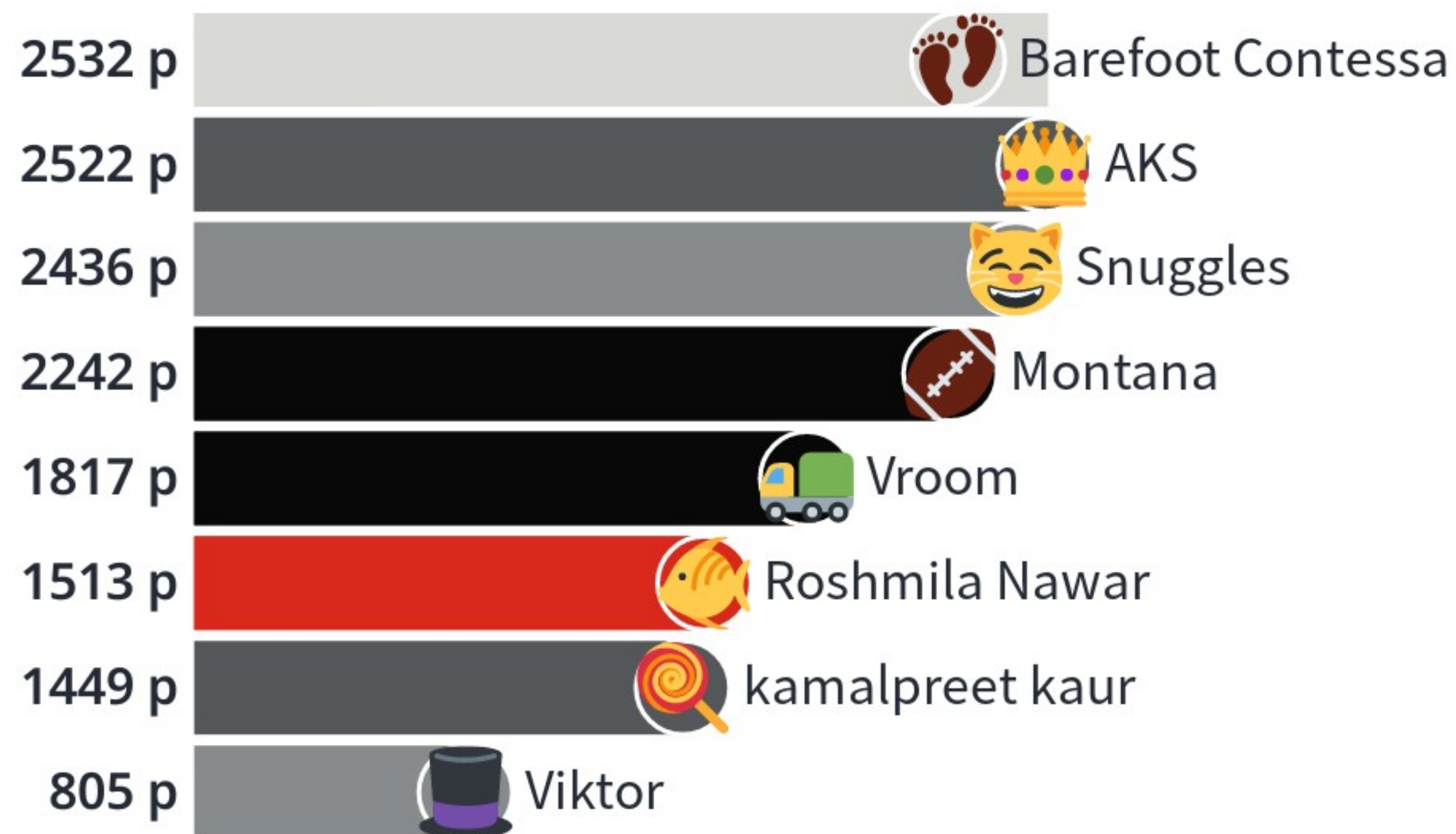
Leaderboard



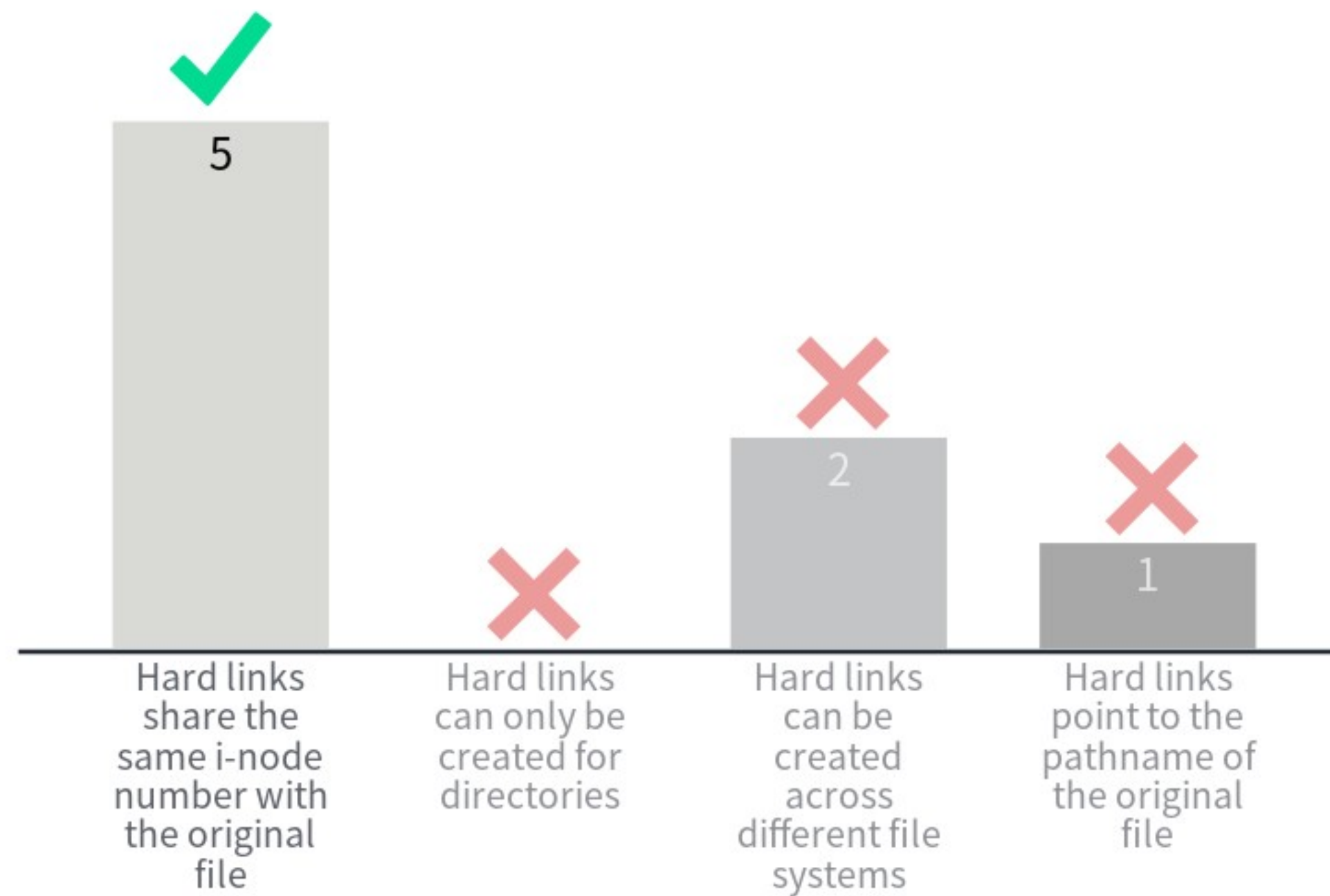
What does an i-node represent in Unix/Linux?



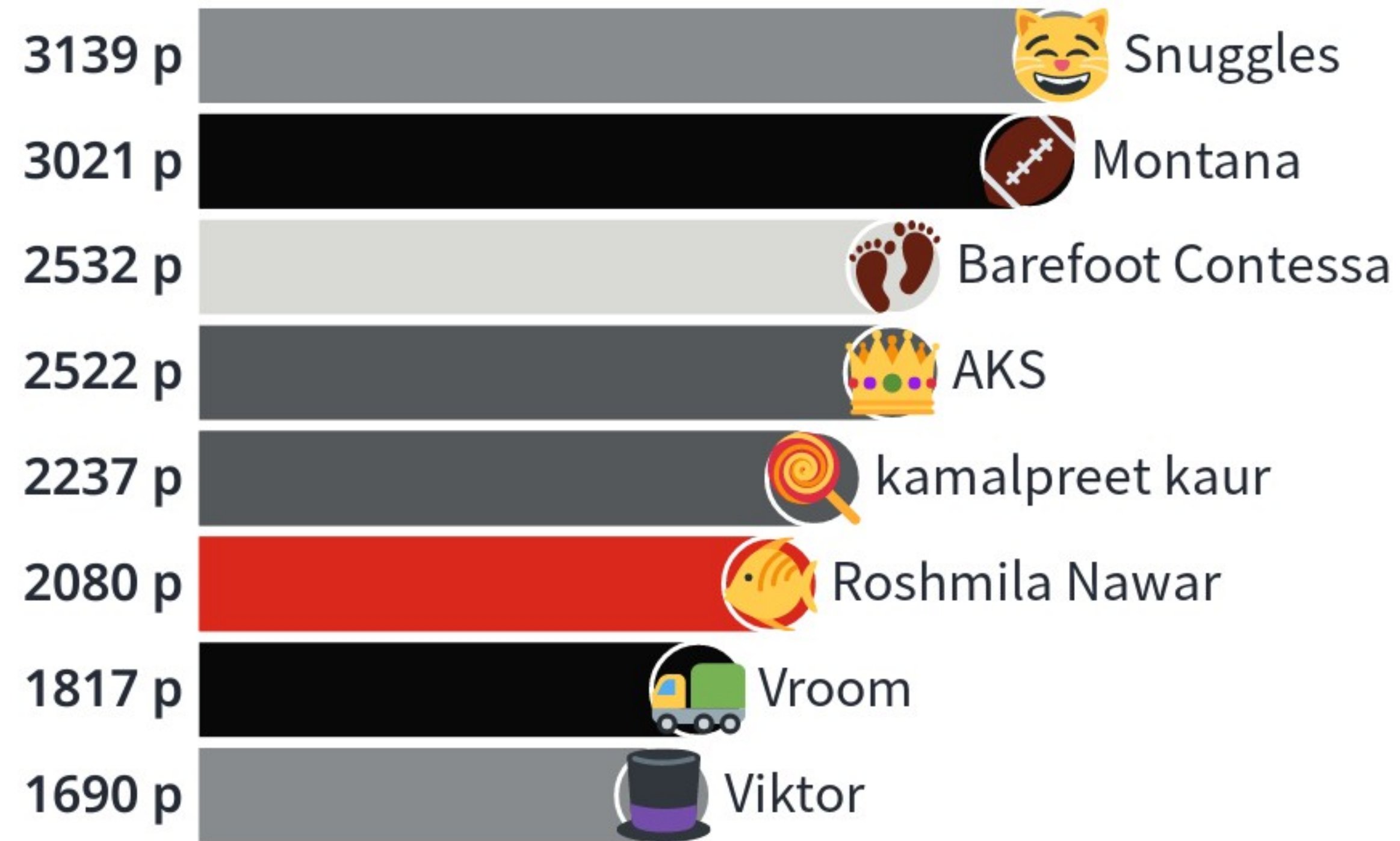
Leaderboard



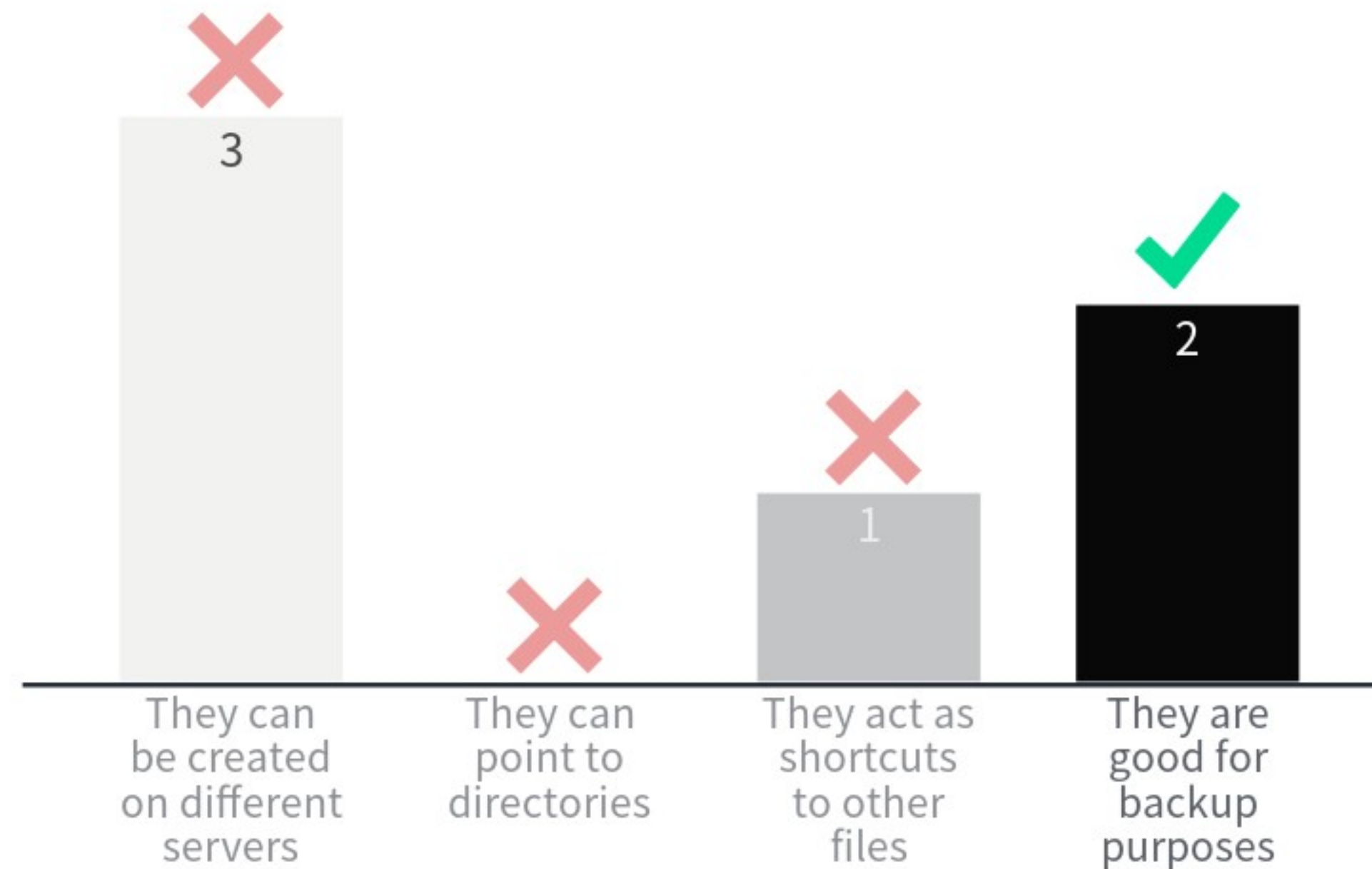
Which of the following statements is true about hard links in Unix/Linux?



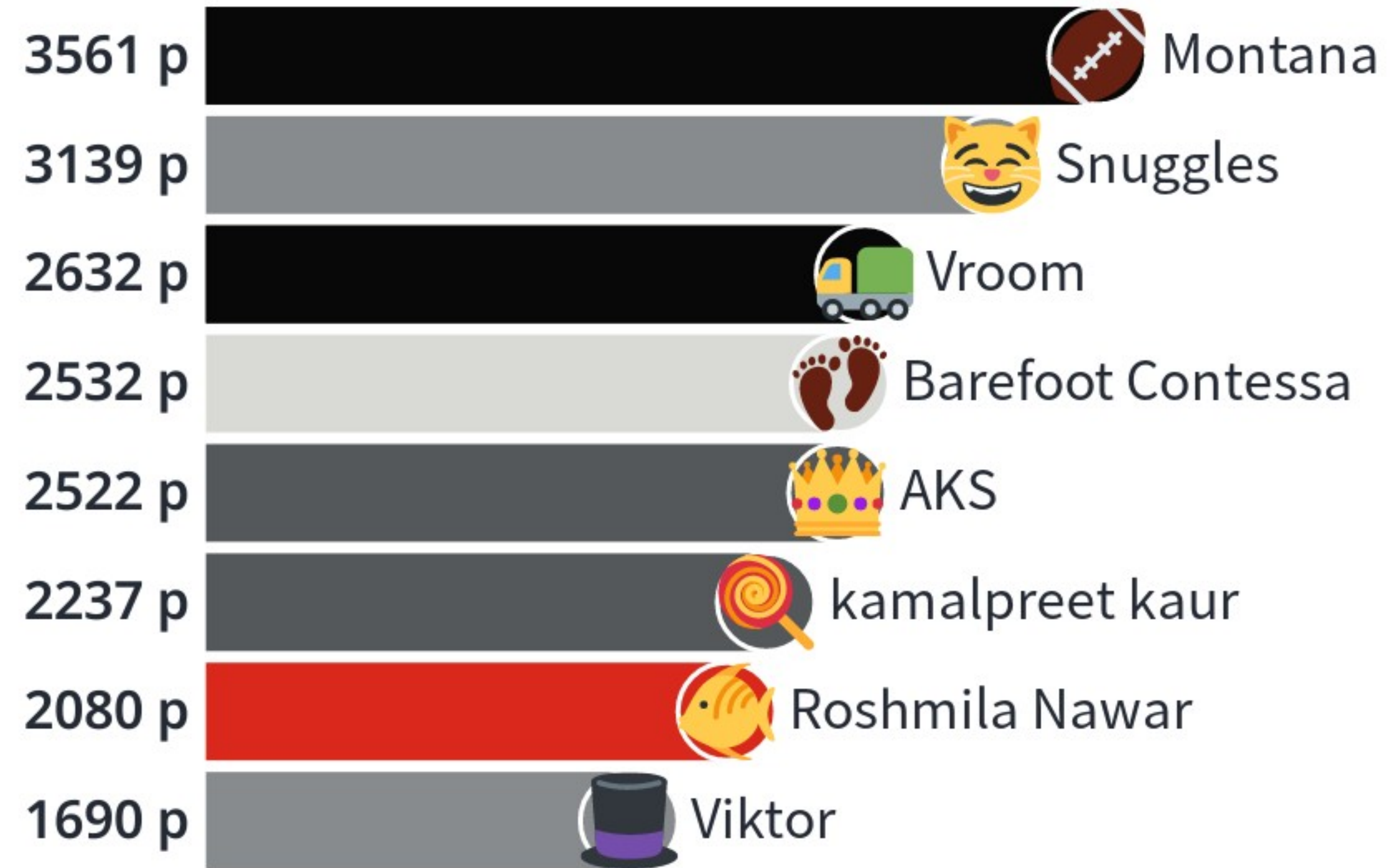
Leaderboard



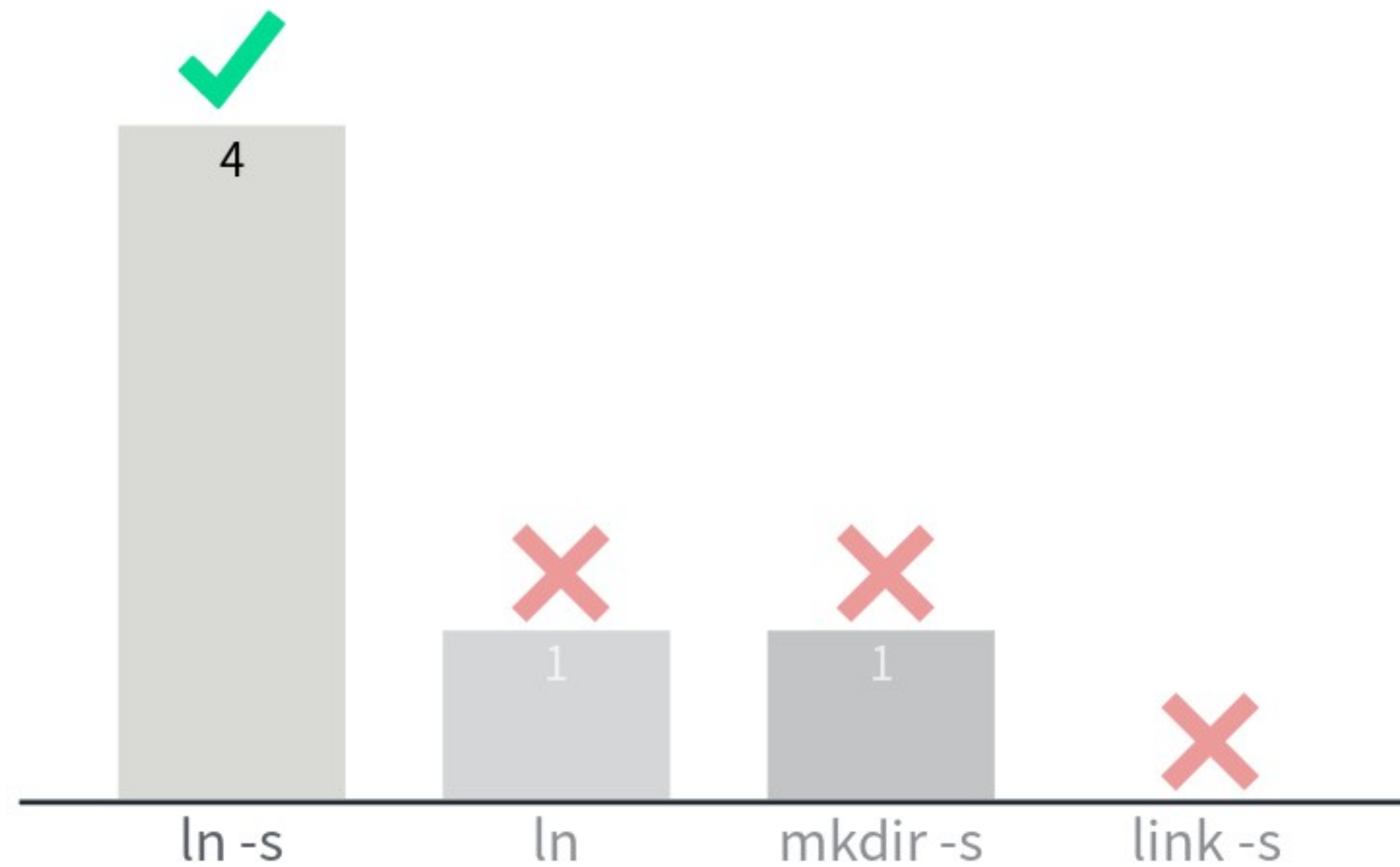
Which is NOT an advantage of symbolic links in Unix/Linux?



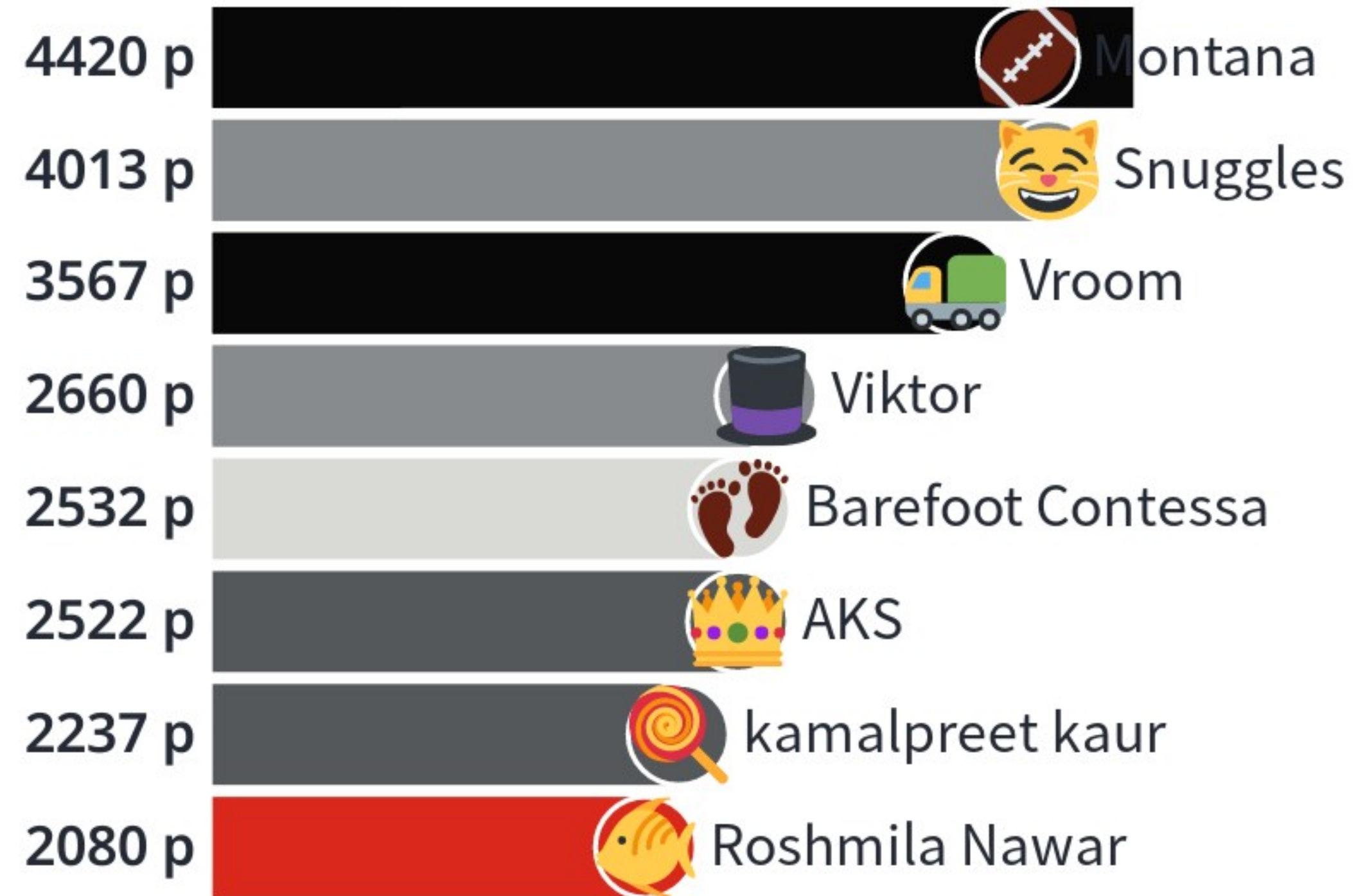
Leaderboard



Which command is used to create a symbolic link in Unix/Linux?



Leaderboard



I hear I forget. I see I remember. I
do I understand.

– *Unknown*

