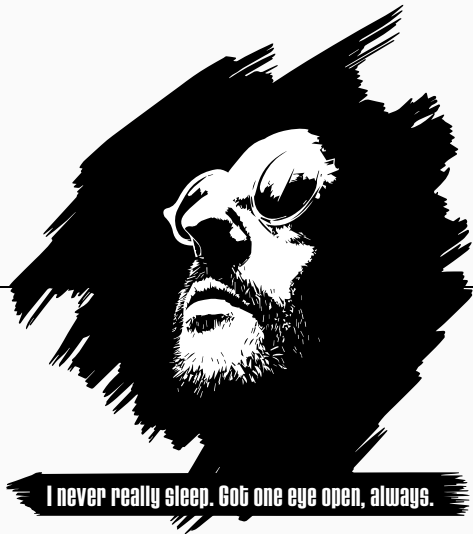


myFind - Presentation

ACU 2020 Team



I never really sleep. Got one eye open, always.

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MyFind fast testsuite implementation in shell

- Check a series of features automatically and quickly
- Prevent regression
- Maximize your grade!

- Main idea: compare find and myfind
- Write a series of tests using different params

Things to compare

- Standard output
- Standard error existence
- Return value

- Utility to compare 2 or more files
- Can be used here to compare find(1) and myfind output

Usage

```
42sh$ echo "hello"{1..5} | tr ' ' '\n' > file1
42sh$ echo "hello"{2..7} | tr ' ' '\n' > file2
42sh$ diff file1 file2
1d0
< hello1
5a5,6
> hello6
> hello7
```

diff(1) return value

- 0: same
- 1: different

Example

```
42sh$ echo foo > file1 && echo bar > file2
42sh$ diff file1 file1
bar baz
42sh$ echo $?
1
42sh$ echo foo > file2
42sh$ diff file1 file1
42sh$ echo $?
0
```

- `$?:` return value (`find -name '*.c'; echo $?`)
- `sort(1)`: sort standard input