



NuShell

Superglue for your OS

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Introduction

What does the following Bash code do?

```
find . -type f -name "*.log" -mtime +30 -exec rm {} \;
```

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find . -type f -name "*.log" -mtime +30 -exec rm {} \;
```

Nu:

```
ls **/*.log | where modified < (date now) - 30day | rm
```

Improvements:

- Decomposes the problem with pipes
- Does not require lean find flags
- Built-in glob, duration and date type

Workshop

<https://www.nushell.sh/book/installation.html>

- Rust: `cargo install nu`
- Mac: `brew install nushell`
- Windows: `winget install nushell`
- Nix: `nix-shell -p nushell`
- Binaries: github.com/nushell/nushell/releases

Have a look at the *.nu files in this repo.

To run an exercise:

```
exercises/exercise-1.nu  
nu exercises/exercise-1.nu
```

To pipe in data from Bash:

```
cat somefile.txt | exercises/exercise-2.nu  
cat somefile.txt | nu exercises/exercise-2.nu
```

Piping within NuShell:

```
open somefile.txt | exercises/exercise-2.nu
```