

Searching Through Files

- Finding A Particular String And Updating It

Main command: `grep -rnw "xA" -e "xB" | xargs sed -i 's/xC/xD/'`

- **grep** – Obvious, search to find results.
- **-rnw** – Search all directories after string definition.
- **"xA"** – Location to search.
- **"xB"** – String to search. **Has to be in quotations!**
- **|** – Pipe, put results from grep into sed.
- **xargs** – Call on argument from result.
- **sed** – Replace.
- **'s/xC/xD/'** – Replace string xC with xD.

If you see on the example below, you would use the grep command up to the pipe symbol first without **-l**, then add it in afterwards. This is used **after** searching for strings. The letter **L** is for grep'ing just the directory location where it finds the result and not actually showing file contents.

SED WILL NOT work if you do not add **-l** into the **-rnw**. It has to require the absolute paths and not anything else it outputs.

```
root@ubuntu:/var/lib/pterodactyl/volumes# grep -rnw */plugins/*/*.yaml -e '185
73640091-16fa-44b0-a9ec-97c0858bf3d1/plugins/Bounty/config.yaml:2: uri: "mongodb:
min"
73640091-16fa-44b0-a9ec-97c0858bf3d1/plugins/License-System-Tester/config.yaml:1:server: "http
73640091-16fa-44b0-a9ec-97c0858bf3d1/plugins/LifeSteal-Core/config.yaml:3: uri: "mongodb://mongc
hSource=admin"
7f19c50c-10de-4801-b797-52a0da1469e2/plugins/LifeSteal-Core/config.yaml:3: uri: "mongodb://mongoe
min"
7f19c50c-10de-4801-b797-52a0da1469e2/plugins/WheelSpin/config.yaml:2: ip: 185.
94f2f2ec-0b6d-4b04-bb72-e99d2e1e8fa3/plugins/Kits/config.yaml:2: ip: 185
94f2f2ec-0b6d-4b04-bb72-e99d2e1e8fa3/plugins/OpenAudioMc/data.yaml:11: server-ip: 185
9c010c0c-3b48-4da3-896b-cf7beb70cb02/plugins/LifeSteal-Core/config.yaml:3: uri: "mongodb://
/?authSource=admin"
min"
9c010c0c-3b48-4da3-896b-cf7beb70cb02/plugins/WheelSpin/config.yaml:2: ip: 185.
bd8341c6-0a3e-4ff3-87c9-255130402777/plugins/Bounty/config.yaml:2: uri: "mongodb:
/?authSource=admin"
min"
bd8341c6-0a3e-4ff3-87c9-255130402777/plugins/LifeSteal-Core/config.yaml:3: uri: "mongodb:
?authSource=admin"
bd8341c6-0a3e-4ff3-87c9-255130402777/plugins/WheelSpin/config.yaml:2: ip: 185.
dc963007-dddb-4efd-a6ee-b41d0bb7f507/plugins/LifeSteal-Core/config.yaml:3: uri: "
?authSource=admin"
ec7551c5-f876-4318-9856-717f83884ab1/plugins/OpenAudioMc/data.yaml:11: server-ip: 185
root@ubuntu:/var/lib/pterodactyl/volumes# grep -rlnw */plugins/*/*.yaml -e '185
73640091-16fa-44b0-a9ec-97c0858bf3d1/plugins/Bounty/config.yaml
73640091-16fa-44b0-a9ec-97c0858bf3d1/plugins/License-System-Tester/config.yaml
73640091-16fa-44b0-a9ec-97c0858bf3d1/plugins/LifeSteal-Core/config.yaml
7f19c50c-10de-4801-b797-52a0da1469e2/plugins/LifeSteal-Core/config.yaml
7f19c50c-10de-4801-b797-52a0da1469e2/plugins/WheelSpin/config.yaml
94f2f2ec-0b6d-4b04-bb72-e99d2e1e8fa3/plugins/Kits/config.yaml
94f2f2ec-0b6d-4b04-bb72-e99d2e1e8fa3/plugins/OpenAudioMc/data.yaml
9c010c0c-3b48-4da3-896b-cf7beb70cb02/plugins/LifeSteal-Core/config.yaml
9c010c0c-3b48-4da3-896b-cf7beb70cb02/plugins/WheelSpin/config.yaml
bd8341c6-0a3e-4ff3-87c9-255130402777/plugins/Bounty/config.yaml
bd8341c6-0a3e-4ff3-87c9-255130402777/plugins/LifeSteal-Core/config.yaml
bd8341c6-0a3e-4ff3-87c9-255130402777/plugins/WheelSpin/config.yaml
dc963007-dddb-4efd-a6ee-b41d0bb7f507/plugins/LifeSteal-Core/config.yaml
ec7551c5-f876-4318-9856-717f83884ab1/plugins/OpenAudioMc/data.yaml
root@ubuntu:/var/lib/pterodactyl/volumes#
```

An Example

Searching through LuckPerms configs in all servers to replace connection timeout string.

```
grep -rlnw "connection-timeout: 5000" */plugins/LuckPerms | xargs sed -i 's/connection-timeout: 5000/connection-timeout: 20000/'
```

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