My Custom Linux Scripts Index

This page tracks custom scripts I've written or installed on my systems, primarily placed in `/usr/local/bin` for global use. Each script is either a utility, security tool, or automation helper I use regularly.

□□ Script Directory `/usr/local/bin`

This directory is in the system `$PATH` and allows me to run any executable script from **any location** in the terminal.

To make a script globally accessible:

```
sudo mv myscript.sh /usr/local/bin/myscript
sudo chmod +x /usr/local/bin/myscript
```

Then simply run:

```
myscript
```

□□ Script List

Script Name	Description	Created / Added On
`bookstack-backup`	Creates and compresses daily BookStack backup	May 4, 2025
`update-syncthing-ufw`	Dynamically updates UFW with resolved DDNS IP	May 10, 2025

Script Name	Description	Created / Added On
`syncthing-log-summary`	Summarizes UFW log attempts on Syncthing ports	May 10, 2025
`fail2ban-ip-lookup`	Enriches banned IPs with GeoIP, PTR, AbuseIPDB	May 12, 2025
`clear-fail2ban-cache`	Removes stale lookup results for a clean run	(Planned)
`mygreeting`	Test script: echoes a message from anywhere	(Planned)

□□ Tips

- Use clear, lowercase names without `.sh` extensions for simplicity
- Add versioning or logs inside long-running scripts
- Store source versions of scripts in `/opt/scripts/` or Git repo for management

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□□ Related Commands

Make a script executable:

```
chmod +x scriptname
```

Test if a command is globally accessible:

```
which scriptname
```

Check your system PATH:

```
echo $PATH
```

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