macOS SD Repair (ext4 rootfs) + Harden (moOde customizations)

This project includes a macOS one-shot tool that:

• Detects `bootfs` + `rootfs` mounts under `/Volumes`
• Repairs the ext4 `rootfs` (via `e2fsck`) when it is mounted read-only
• Re-applies project hardening/customizations after repair

Requirements

• macOS (Apple Silicon or Intel)
• ext4 mounting via extFS (or equivalent), with volumes mounted as:
• `/Volumes/bootfs`
• `/Volumes/rootfs` (or `/Volumes/rootfs 1`, `/Volumes/rootfs 2`, …)
• Homebrew recommended (for `e2fsprogs` / `e2fsck`)

Safe preflight (no changes)

Shows detected device node and which `e2fsck` would be used, **without** unmounting or running fsck:

```
cd ~/moodeaudio-cursor && ./tools/fix.sh --sd-macos-preflight
```

Fix the SD (repair + harden)

Runs the full repair + hardening flow:

```
cd ~/moodeaudio-cursor && ./tools/fix.sh --sd-macos
```

Notes:

• If `e2fsck` is missing or too old, the script will install/upgrade `e2fsprogs` via Homebrew **as your normal user** (even though the script is run with `sudo`).
• If `rootfs` is not mounted, open extFS and mount the Linux/ext4 partition, then re-run.