

Remove movie folders that have no video files (safely)

Over time a movie library collects folders that hold only posters, `.nfo` files or subtitles, because the movie itself was deleted or moved. This finds them, shows the list, and deletes only after you confirm.

The logic

A folder is a candidate when **nothing under it** is a video file. Never include the library root itself (`-mindepth 1`).

```
#!/bin/bash
set -euo pipefail
root=${1:?usage: clean-empty-movies <library> [--delete]}
has_video() {
    find "$1" -type f \( -iname '*.mkv' -o -iname '*.mp4' -o -iname '*.m4v' -o -iname '*.avi' -o -iname '*.wmv' \) \
        -print -quit | grep -q .
}
mapfile -d '' dirs < <(find "$root" -mindepth 1 -depth -type d -print0)
todo=()
for d in "${dirs[@]"; do
    has_video "$d" || todo+=("$d")
done
printf '%s\n' "${todo[@]}"
[[ ${2:-} == --delete ]] || { echo "Dry run. Re-run with --delete."; exit 0; }
read -rp "Delete ${#todo[@]} folders? (y/N) " a
[[ $a == [yY] ]] || exit 0
for d in "${todo[@]"; do rm -rf -- "$d"; done
```

Key points

- **Get the test the right way round.** `has_video` returns success (0) when a folder *has* video, and you delete when it does **not**. If you invert this by mistake, the list holds every real movie folder. That's why the script defaults to a dry run; always read the list.
 - `-print -quit` stops at the first video found, which is fast on big libraries.
 - Subtitle-only folders (`.srt`) count as "no video" here. Adjust the pattern if you keep stray subtitles on purpose.
 - Rescan the library in Plex or Jellyfin afterwards.
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