



# Kodi Reloaded

Dr. Christoph Zimmermann  
FraLUG  
24.6.2025

# cat /etc/motd

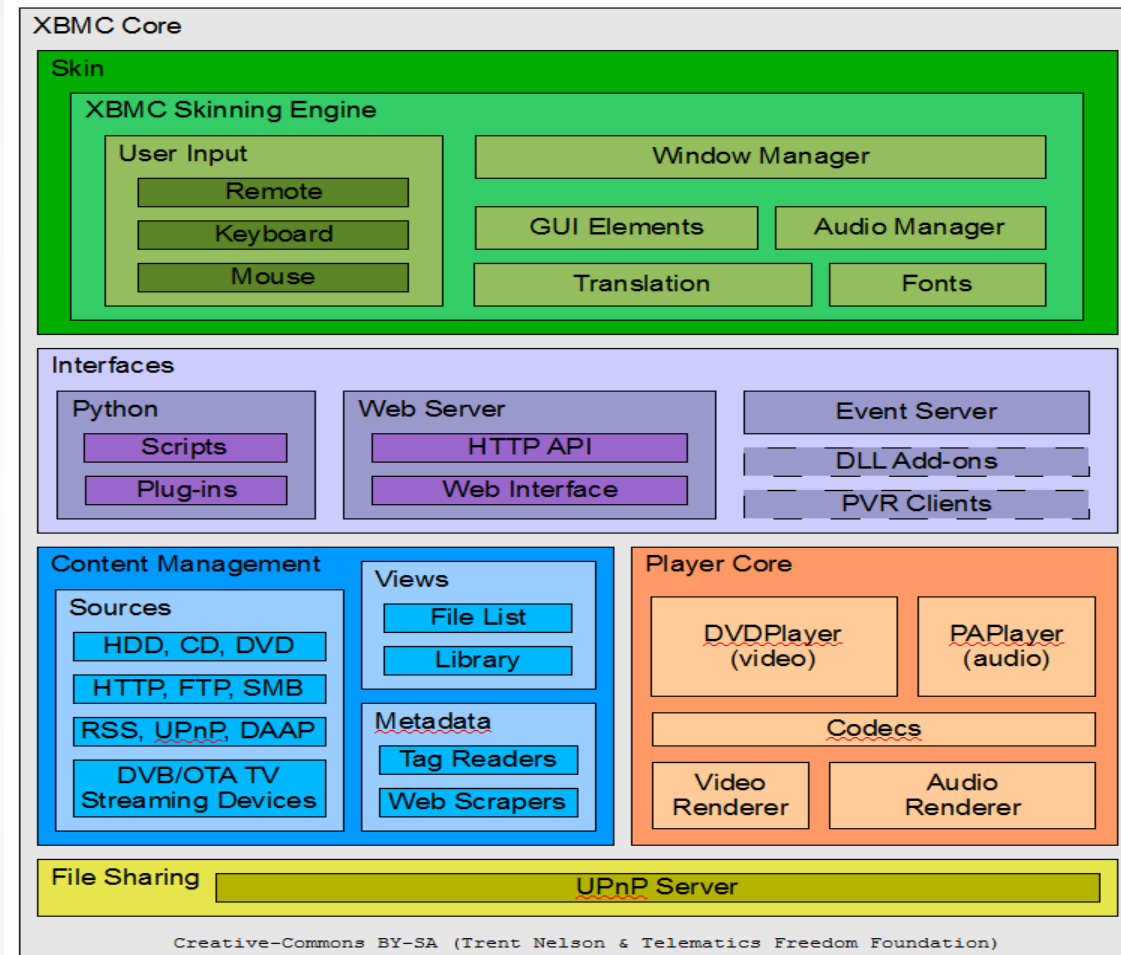
1. Stats
2. Architektur
3. ~/.kodi
4. Addons
5. Fragen & Antworten

# htop

- Stats:
  - Init. Release: 2003 (als XBMC)
  - Erster GH Commit: 23.09.2009
  - Stable: v21.2 (01.2025)
  - Devs: >1.600 (2022)
  - CB:
    - C++ / C: ~1,04 mLOC
    - Python: ~11,2 kLOC
  - Installs:
    - Android: >53.000.000 (Quelle: AndroidRank)
    - Global: ~ >1E9 (Quelle: LLM :-)
  - Plattformen: Mobile, Desktop, JeOS (LibreELEC, OSMC, XBian, etc.), Branded (Liberty Global, ONEVision, etc.)



# cat /proc/cpuinfo



# cat /proc/cpuinfo (ff.)

- Backends (Desktop):
  - Video
    - Plattformunterstützung für: OpenGL(/ ES), DirectX
    - Linux: X11, Wayland, GBM (Voraus. für HDR)
    - OSX: OpenGL via OSX
    - Windows: DirectX (min. Ver. 11 FL 9)
  - Audio:
    - Linux: PulseAudio, Pipewire, ALSA
    - OSX: Core Audio
    - Windows: DirectSound, WASAPI

# ls ~/.kodi

- Linux: ~/.kodi
- OSX: ~/Library/Application Support/Kodi
- Windows: %APPDATA%\Kodi
- Inhalt:
  - Konfiguration / Einstellung
  - Skins
  - Benutzer-installierte Addons
  - etc...

# git clone https://kodi.addon

- Arten: Scraper, Skins, Repos, Services, etc.
- Beispiel: TheMovieDB-Scraper,  
`metadata.tvshows.themoviedb.org.python`
- Tipps:
  - Python 3!
  - Debugging:
    - Web-PDB: `pdb + Web UI`
    - Caveat: IPv4 vs. IPv6
    - PR #76 @ <https://github.com/romanvm/python-web-pdb>
    - Workaround: `web_pdb.set_trace('localhost')`

- Logging:
  - System → Settings → System → Logging
  - advancedsettings.xml:
    - `<loglevel hide="false">2</loglevel>`
    - "hide": Muß "false" sein sonst kein Debug-Logging (Omega)!
- Orte:
  - Linux: `~/.kodi/temp/kodi.log*`
  - OSX: `~/Library/Logs/kodi.log*`
  - Windows: `%APPDATA%\Kodi\kodi.log*`



# apropos kodi

- Kodi Wiki: <https://kodi.wiki>
- Kodi Forum: <https://forum.kodi.tv>
- Code: <https://github.com/xbmc/xbmc>
- Web-PDB: [https://kodi.wiki/view/HOW-TO:Debug\\_Python\\_Scripts\\_with\\_Web-PDB](https://kodi.wiki/view/HOW-TO:Debug_Python_Scripts_with_Web-PDB)

# Fragen / Antworten

# Vielen Dank!

© 2025 CC BY

Dr. Christoph Zimmermann

monochromec at <ignore>space</ignore>gmail<dot></dot>com