



Kodi Reloaded

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Linux Catering Tage
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cat /etc/motd

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

stat /proc/self

- Promotion im Bereich reflektive Betriebssystemarchitekturen
- Start mit Linux: Kernel 0.95
- Tech Support @ FraLUG
- FOSS @ Hochschule
- Hobbies:
 - SDLC
 - IT-Sicherheit und andere Formen schwarzer Kunst
 - III (irgendwas ist immer)

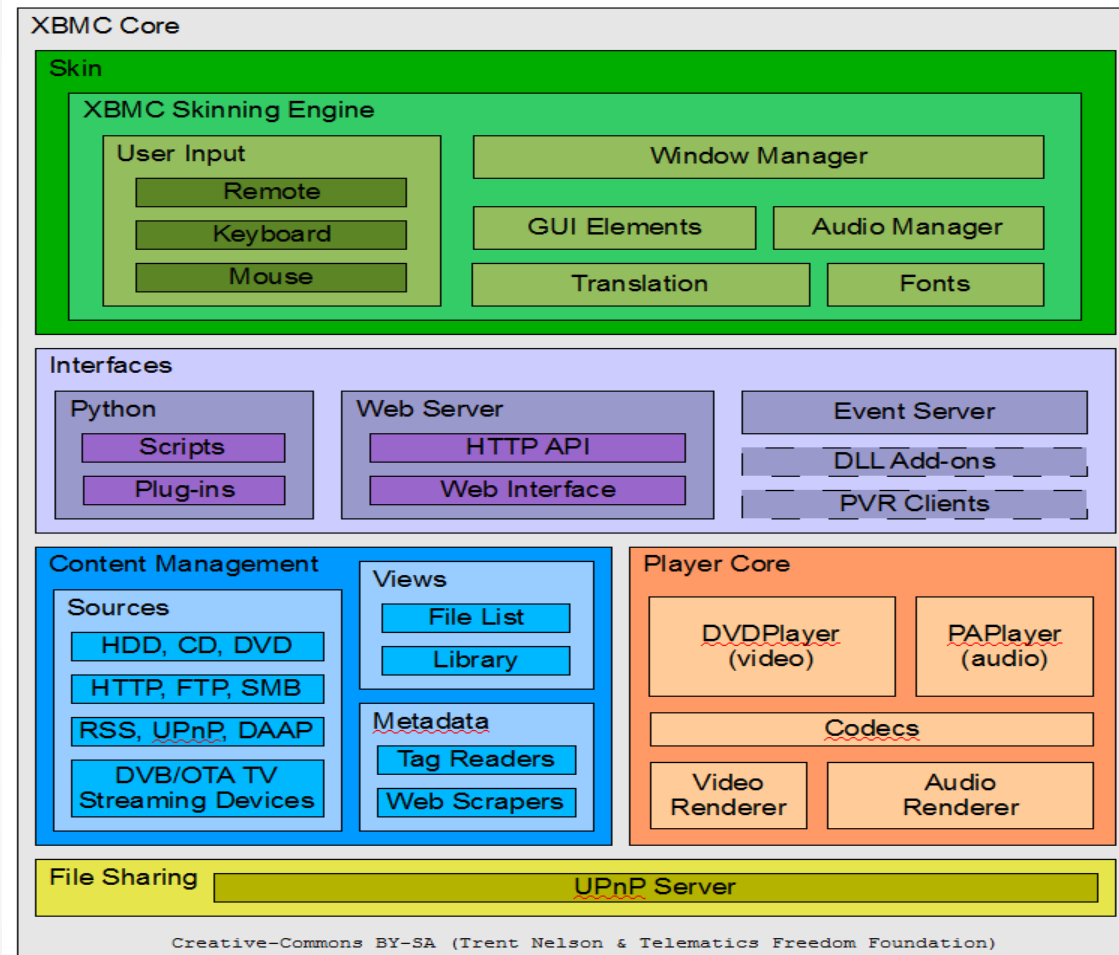


linuxinlaws.eu
feedback@linuxinklaws.eu

- 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 (nur Desktop)
- 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')`

dmesg | less

- 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

Fragen / Antworten

Vielen Dank!

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