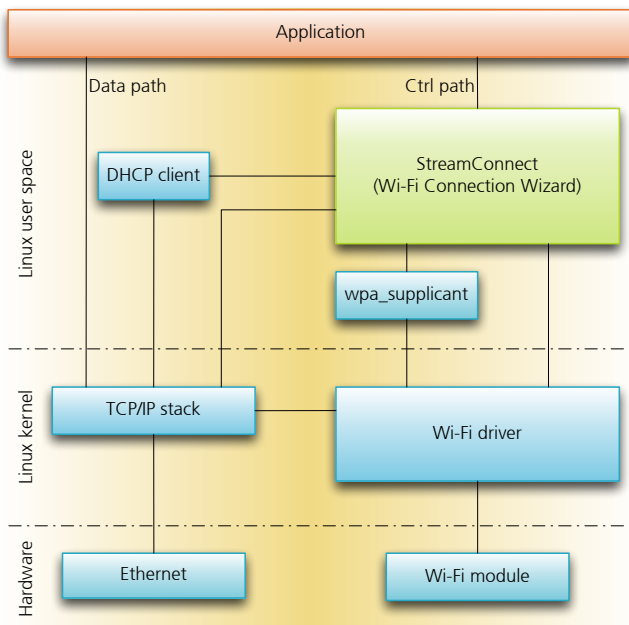


# StreamConnect

## Connection Wizard

StreamConnect is a SW module for simplifying the integration of network connections, wired or wireless. Both automatic and manual operation modes are supported. StreamConnect can be integrated in all Linux based systems.

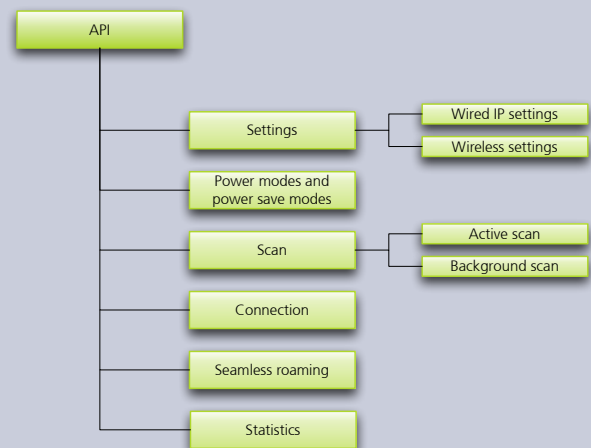


## Features

- Easy API for high-level connectivity applications: wired and wireless (HW independent)
- Automatic switching between wired and wireless - Ethernet cable plugged or unplugged
- Modular and extendable also to non-standard use cases
- Wi-Fi drivers are easily exchangeable
- Written in C (less code and memory usage)
- Command Line Interface (CLI) available
- IPv4

## Wi-Fi Features

- 802.11 a/b/g/n (depends on Wi-Fi module/chip used)
- WPS-PBC ready
- Encryptions: WEP, WPA, WPA2
- AP data base handling and seamless roaming
- Active and background scan
- Power save modes (IEEE power save mode, deep sleep-off mode)
- Wake on WLAN (if supported by HW)



## Possible extensions:

- WPS-PIN
- WMM (Quality of Service for Multi Media)
- IPv6 support
- Other Wi-Fi modules
- Bluetooth

## Further information

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