

WiFi

WiFi module interact with WLAN adapters. It allows to monitor available access points and establish connection to specific one.

Implementing class: `com.arrow.selene.device.wifi.WifiModule`

OS dependency: Linux (due to dependency from D-Bus)

Requirements: WLAN adapter

Properties:

Name	Data type	Unit of measurement	Valid values	Default value	Description
deviceName	string	N/A	N/A	N/D	Defines device name of WiFi adapter to be used
ssid	string	N/A	N/A	N/D	Defines name of WiFi access point to be connected
authAlg	string	N/A	N/A	N/D	Defines WLAN authentication algorithm to be used
keyMgmt	string	N/A	N/A	N/D	Defines WLAN key management algorithm to be used for keys distribution
password	string	N/A	N/A	N/D	Defines password for access to WiFi access point
mode	string	N/A	MONITOR/ACTIVE	MONITOR	Defines working mode. <ul style="list-style-type: none">• <code>MONITOR</code> mode allows monitoring near access points• <code>ACTIVE</code> one also allows establish connection to specific access point
accessPointsPollingMs	long	milliseconds	0-9223372036854775807 (0x7fffffffffffffff)	60000	Defines interval of polling available APs