

# Использование сервисов Крокс через ubus

## Пример использования ubus

```
root@kndrt31r27:~# ubus
Usage: ubus [<options>] <command> [arguments...]
Options:
  -s <socket>:          Set the unix domain socket to connect to
  -t <timeout>:         Set the timeout (in seconds) for a command to
complete
  -S:                   Use simplified output (for scripts)
  -v:                   More verbose output
  -m <type>:           (for monitor): include a specific message type
                       (can be used more than once)
  -M <r|t>              (for monitor): only capture received or transmitted
traffic

Commands:
  - list [<path>]       List objects
  - call <path> <method> [<message>] Call an object method
  - listen [<path>...] Listen for events
  - send <type> [<message>] Send an event
  - wait_for <object> [<object>...] Wait for multiple objects to appear
on ubus
  - monitor             Monitor ubus traffic
```

## Получение списка работающих сервисов

```
root@kndrt41r1:~# ubus list
container
dhcp
dnsmasq
dnsmasq.dns
file
hostapd
hostapd.ap1001
hostapd.ap1002
hotplug.dhcp
hotplug.firmware
hotplug.ieee80211
hotplug.iface
hotplug.ipsec
hotplug.neigh
hotplug.net
hotplug.ntp
hotplug.tftp
```

```
hotplug.tty
hotplug.usb
hotplug.usbmisc
hotplug.wwan
iuserinfo
kroks.config
kroks.dev.modem
kroks.dev.modem.bearer
kroks.dev.modem.cell
kroks.dev.modem.message
kroks.dev.modem.simcard
kroks.dev.modem.uspd
kroks.net.check
log
luci
luci-rpc
luci.wireguard
network
network.device
network.interface
network.interface.lan
network.interface.loopback
network.interface.modem1
network.interface.wan
network.interface.wan6
network.rdns
network.wireless
rc
service
session
system
uci
wpa_supplicant
```

## Обращение к сервису

```
root@kndrt41r1:~# ubus call kroks.dev.modem process
{
  "modem1": {
    "execute": false,
    "stateChanged": false,
    "stateChangedTime": 96,
    "busy": false,
    "connectedReconnectCount": 0,
    "timestamp": 11774,
    "configuredStage": 1,
    "configuredCount": 1,
    "configured": true,
```

```
"executeMessage": false,  
"state": "connected",  
"busyMessage": false,  
"locked": false,  
"stateDuration": 11678  
}  
}
```

## Смена SIM-карты

```
root@kndrt41r1:~# ubus call kroks.dev.modem.simcard change  
{'modem':'modem1','simcard':'modem1sim2'}  
{  
  "modem1": {  
    "modem1sim2": {  
      "dbus": "/org/freedesktop/ModemManager1/SIM/2",  
      "imsi": "250202107244361",  
      "iccid": "89701202145600345827",  
      "operator": {  
        "code": "25020",  
        "name": "Tele2"  
      },  
      "enabled": true,  
      "simchange": [  
        ]  
    }  
  }  
}
```

## Получить список аргументов для modem1

```
root@kndrt41r1:~# ubus -v list kroks.dev.modem  
'kroks.dev.modem' @4920124a  
  "command":{"payload":"String","method":"String","modem":"String"}  
  "reload":{}  
  "device":{}  
  "config":{}  
  "process":{}
```

From:  
<http://wiki.glschcnklx.ru/> - kroks

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Last update: 2026/01/13 10:54

