**1. shell 脚本：ubus 读取参数结合json函数–读取一级数据**

root@OpenWrt:/# ubus call system board

{

"kernel": "3.18.8",

"hostname": "OpenWrt",

"system": "Atheros AR9341 rev 1",

"model": "Atheros DB120 reference board",

"release": {

"distribution": "OpenWrt",

"version": "Bleeding Edge",

"revision": "r44627",

"codename": "chaos\_calmer",

"target": "ar71xx\/generic",

"description": "OpenWrt Chaos Calmer r44627"

}

}

root@OpenWrt:/#

root@OpenWrt:/# cat /test.sh

#!/bin/sh

# Copyright (C) 2011 OpenWrt.org

. /usr/share/libubox/jshn.sh

json\_load "$(ubus call system board)"

json\_get\_var model model

echo $model

root@OpenWrt:/# sh test.sh

model=Atheros DB120 reference board

root@OpenWrt:/#

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**2. shell 脚本：ubus 读取参数结合json函数–读取二级数据**

通过ubus call network.interface.wan status 读取路由参数，及target参数

1）数据如下：

root@tz:/etc/hotplug.d# ubus call network.interface.wan status

{

"up": true,

"pending": false,

"available": true,

"autostart": true,

"uptime": 5472,

"l3\_device": "eth0.2",

"proto": "dhcp",

"device": "eth0.2",

"metric": 0,

"delegation": true,

"ipv4-address": [

{

"address": "192.168.66.133",

"mask": 24

}

],

"ipv6-address": [

],

"ipv6-prefix": [

],

"ipv6-prefix-assignment": [

],

"route": [

{

"target": "192.168.66.1",

"mask": 32,

"nexthop": "0.0.0.0",

"source": "192.168.66.133\/32"

},

{

"target": "0.0.0.0",

"mask": 0,

"nexthop": "192.168.66.1",

"source": "192.168.66.133\/32"

}

],

"dns-server": [

"114.114.114.114"

],

"dns-search": [

"lan"

],

"inactive": {

"ipv4-address": [

],

"ipv6-address": [

],

"route": [

],

"dns-server": [

],

"dns-search": [

]

},

"data": {

"leasetime": 120

}

}

root@tz:/etc/hotplug.d#

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2）脚本如下：

root@tz:/etc/hotplug.d# cat /tesh.sh

#!/bin/sh

. /usr/share/libubox/jshn.sh

ubus\_call() {

json\_init

local \_data="$(ubus -S call "$1" "$2")"

[ -z "$\_data" ] && return 1

json\_load "$\_data"

return 0

}

start()

{

ubus\_call "network.interface.wan" status || return 0

json\_get\_var up up

echo "up=$up"

json\_select route

json\_get\_keys route

echo "keys=$route"

json\_select 1

json\_get\_vars target target

echo "target=$target"

}

start

root@tz:/etc/hotplug.d#

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3）测试结果：

root@tz:/etc/hotplug.d# sh /tesh.sh

up=1

keys= 1 2

target=192.168.66.1

root@tz:/etc/hotplug.d#

* 1
* 2
* 3
* 4
* 5

4）简单总结：   
json\_select $1：如果有2级json数据，可以用此命令进行读取   
json\_get\_vars：获取2级json数据的个数，如router有2个；

"route": [

{

"target": "192.168.66.1",

"mask": 32,

"nexthop": "0.0.0.0",

"source": "192.168.66.133\/32"

},

{

"target": "0.0.0.0",

"mask": 0,

"nexthop": "192.168.66.1",

"source": "192.168.66.133\/32"

}

],