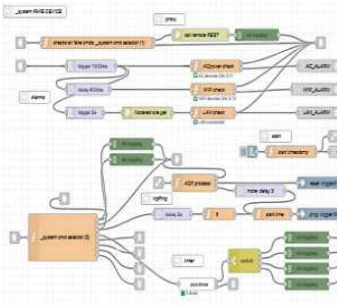
tuyaDAEMON device _system



Model: system 2.0

Tuya: `custom` Tuya Mod: `SW only device`

tuyaDAEMON utilities and control

This is a fake software device, to extend and improve the capabilities of tuyaDAEMON
areas: security and alarms, performance, DB, timers, network

Power supply: **BAT**
Broadcast: **WiFi**
Capabilities: **SET,GET,SCHEMA**

Reference:
Infos: *https://github.com/msillano/tuyaDAEMON/wiki/custom-device-_system*
Sellers:

User defined Data Points:

_ACpower		RO	boolean	true|false	
	Signals when all AC devices are down. From tuya-smart-device-node. See also node AC_ALARM. PUSHed at any change.				
_ACunconnected		RO		a list like: ['dev_name1', 'dev_name2'...]	
	List of all AC devices unconnected. From tuya-smart-device-node. PUSHed at any change.				
_beep		WO		any	
	trigger: sends a short beep				
_beep_loop		WO		{'count': N , 'timeout': XXXX [ms]}	
	trigger for a recursive 'chain' example. see https://github.com/msillano/tuyaDAEMON/wiki/tuyaDAEMON-as-event-processor#iteration				
_benchmark		RW		a task:{ device, property (, value (,timeout)) }	
	defines the task used in benckmarks. defaults: _system._zeroTask, timeout: 20000 ms				
_benchmark_end		RW		any	
	To terminate a running benchmark trigger, usually auto, no log				
_benchmark_step		TRG		any	
	called via share by the task on benchmark internal use, no log				
_Dbase		RO	boolean	true|false	
	Signals when a DB is down. In CORE, from mysql nodes. See also node DB_ALARM. PUSHed at any change.				
_doBenchmark		RW		any	
	trigger				
_doSCHEMA		RW	string	device	
	SET: simulates a SCHEMA request GETting all DPs of a device, updates global.tuyastatus GET: return the list of last PDs updated.				

_doTrigger		WO	int	trigger value	
	Help property to send a TRIGGER to tuya. note: in code is wired the 'tuya_bridge' countdown 'dp'.				
_doUPDATE		RW	string	'real'|'virtual'|'fake'|null (=all)	
	SET trigger: executes doSCHEMA for every local connected device, updates global.tuyastatus GET: return the list of last update devices				
_exec		RW			
	to do O.S. task Returns last output				
_LANnet		RO	boolean	true|false	
	Signals when the WEB access is down. See also node LAN_ALARM. PUSHed at any change.				
_laststart		RO	string	'2021-03-24 16:06:33'	
	PUSHed some seconds after the restart. See also node start_DAEMON				
_name		RO	string	any	
	GET: returns the name of actual instance of tuyaDAEMON same as global.remotemap.itself				
_play		WO	see note	string|buffer	
	string: text to spreach. Choose the voice in the 'play audio' node buffer WAV: play sound.				
_proxy		RW		std_msg: { (remote:'name',) (device:'name|pseudoDP|id' (, property:'name|dp' (, value:'any'))))}	
	SET: uses REST to connect a remote tuyaDAEMON. GET: retuns last response from 'remote', in global.alldevices.<system>.<proxy>				
_sqlDBandroid		RW	string	sql	
	Like _sqlDBlocal: it is a custom addition, for the DB on ANDROID server GET: get the last DB response				
_sqlDBlocal		RW	string	sql	
	SET: send to local DB a sql (value) and log the response GET: get the last DB response				
_timerList		RO		[{id:<any>, datetime: N, dateTimeStr: 'xxx', alarmPayload: {<share>}},..]	
	GET a list of all active timers. see https://flows.nodered.org/node/node-red-contrib-jsontimer for more info				
_timerOFF		WO	string	the timer 'id'	
	To delete a timer. The 'id' is mandatory. see https://flows.nodered.org/node/node-red-contrib-jsontimer for more info				
_timerON		WO		{('id': '<any>',) 'timeout|datetime|time': <atime>, 'alarmPayload': { 'share': [...] } }	
	Set a new timer and the 'share' actions associated. see https://flows.nodered.org/node/node-red-contrib-jsontimer and https://github.com/msillano/tuyaDAEMON/wiki/tuyaDAEMOM-global.alldevices#share-actions				
_toDebug		WO		<string> or {[<string>,<object>,...]}	
	Sends the value to debug pad.				
_toFastIN		WO		std_msg: { (remote:'name',) (device:'name|id' (, property:'name|dp' (, value:'any'))))}	
	To inject a msg to 'fast_cmds' node. Format: see core.'fast_cmds' node.description				

_toLogging		WO		like std. answer: 'payload':{ 'deviceId': <id|gateway-id>, 'data': { ('t': <timestamp>,) ('cid': <cid>,) 'dps': { <dp>:<value>}}};	
	To process a response: echo on Pad, DB and global.tuyastatus updated. Format: see core.'logging' node.description				
_toLowIN		WO		{'toDev':<deviceID>, 'payload':{<for the tya_smart_device>}}.	
	To inject a msg to a real device, using the 'low_level_IN' node To test new features (in devices or connection node). see core.'low_level_IN' node.description				
_toShare		WO		{ 'share': [{ 'test': ['<test1>',..], 'action': [{ 'device': 'name|id', 'property': 'name|id|@exp', 'value': 'any|@exp' },...] },...] }	
	To inject a msg to 'share IN' node. see 'share': https://github.com/msillano/tuyaDAEMON/wiki/tuyaDAEMOM-global.alldevices#share-actions				
_toStdCmd		WO		std_msg: { remote:'name', device:'name|id', property:'name|dp', value:'any'}	
	To inject a msg to 'std_cmd' node. Format: see core.'std_cmd' node.description				
_toWarn		WO	string	any	
	Show in locale the value using node.warn().				
_trgPing		RW		GET: object like: { count: 5, avg: 300, min: 220, max: 420} SET: any	
	Time for a tuya-trigger roundtrip. GET: returns last values (if any) from tuyastatus. SET: starts a new update.				
_tuyastatus		WO		like a std_msg: { ('device':<name>, ('property':<name>, ('value':<any>))))}	
	Alternative access to global.tuyastatus (e.g. from remote). Performs: LIST, if value:undef, SCHEMA, if value.property:undef, GET, if .value.value: undef, else SET				
_WiFinet		RO		true|false	
	Signals when all WIFI devices are down. From tuya-smart-device-node. See also node WiFi_ALARM. PUSHed at any change.				
_WiFiunconnected		RO		a list like: ['dev_name1', 'dev_name2'...]	
	List of all WiFi devices unconnected. From tuya-smart-device-node. PUSHed at any change.				
_zeroLog		RW		any	
	Task for benchmark with log. Like zeroTask, but this updates debug pad, DB and tuyastatus.				
_zeroTask		RW		any	
	Task for benchmark without log. triggers the fastest fake task: it does nothing.				