

MDW API

Overview

Description of functions available for access and Configure in Devices

Version information

Version : v1

Contact information

Contact Email : contact@snippets.local

License information

License : BSD License

Terms of service : <https://www.google.com/policies/terms/>

URI scheme

Host : 192.168.1.118

BasePath : /api/v1

Schemes : HTTP

Consumes

- `application/json`

Produces

- `application/json`

Security

Basic

Type : basic

Paths

POST /datalist/

Parameters

Type	Name	Schema
Body	data <i>required</i>	Data

Responses

HTTP Code	Schema
201	Data

Tags

- datalist

GET /datalist/

Parameters

Type	Name	Schema
Query	active_power <i>optional</i>	string
Query	current <i>optional</i>	string
Query	date_gte <i>optional</i>	string
Query	date_lte <i>optional</i>	string
Query	dev <i>optional</i>	string
Query	dev_energy <i>optional</i>	string
Query	id <i>optional</i>	number

Type	Name	Schema
Query	power_factor <i>optional</i>	string
Query	reactive_power <i>optional</i>	string
Query	time <i>optional</i>	string
Query	voltage <i>optional</i>	string

Responses

HTTP Code	Schema
200	< Data > array

Tags

- datalist

POST /datas/

Parameters

Type	Name	Schema
Body	data <i>required</i>	Data

Responses

HTTP Code	Schema
201	Data

Tags

- datas

GET /datas/

Responses

HTTP Code	Schema
200	< Data > array

Tags

- datas

GET /datas/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this data.	integer

Responses

HTTP Code	Schema
200	Data

Tags

- datas

PUT /datas/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this data.	integer
Body	data <i>required</i>		Data

Responses

HTTP Code	Schema
200	Data

Tags

- datas

DELETE /datas/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this data.	integer

Responses

HTTP Code	Schema
204	No Content

Tags

- datas

PATCH /datas/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this data.	integer
Body	data <i>required</i>		Data

Responses

HTTP Code	Schema
200	Data

Tags

- datas

POST /devices/

Parameters

Type	Name	Schema
Body	data <i>required</i>	Device

Responses

HTTP Code	Schema
201	Device

Tags

- devices

GET /devices/

Responses

HTTP Code	Schema
200	< Device > array

Tags

- devices

GET /devices/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this Device.	integer

Responses

HTTP Code	Schema
200	Device

Tags

- devices

PUT /devices/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this Device.	integer
Body	data <i>required</i>		Device

Responses

HTTP Code	Schema
200	Device

Tags

- devices

DELETE /devices/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this Device.	integer

Responses

HTTP Code	Schema
204	No Content

Tags

- devices

PATCH /devices/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this Device.	integer
Body	data <i>required</i>		Device

Responses

HTTP Code	Schema
200	Device

Tags

- devices

POST /features/

Parameters

Type	Name	Schema
Body	data <i>required</i>	Feature

Responses

HTTP Code	Schema
201	Feature

Tags

- features

GET /features/

Responses

HTTP Code	Schema
200	< Feature > array

Tags

- features

GET /features/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this feature.	integer

Responses

HTTP Code	Schema
200	Feature

Tags

- features

PUT /features/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this feature.	integer
Body	data <i>required</i>		Feature

Responses

HTTP Code	Schema
200	Feature

Tags

- features

DELETE /features/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this feature.	integer

Responses

HTTP Code	Schema
204	No Content

Tags

- features

PATCH /features/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this feature.	integer

Type	Name	Description	Schema
Body	data <i>required</i>		Feature

Responses

HTTP Code	Schema
200	Feature

Tags

- features

GET /initial/

Description

Information Registration API ções HEMS

Responses

HTTP Code	Schema
200	No Content

Tags

- initial

PUT /initial/

Description

Information Registration API ções HEMS

Responses

HTTP Code	Schema
200	No Content

Tags

- initial

GET /interfaces/

Description

Configuration APIção da Interface Zigbee Coordinator

Responses

HTTP Code	Schema
200	No Content

Tags

- interfaces

PUT /interfaces/

Description

Configuration APIção da Interface Zigbee Coordinator

Responses

HTTP Code	Schema
200	No Content

Tags

- interfaces

POST /outlets/

Parameters

Type	Name	Schema
Body	data <i>required</i>	Outlet

Responses

HTTP Code	Schema
201	Outlet

Tags

- outlets

GET /outlets/

Responses

HTTP Code	Schema
200	< Outlet > array

Tags

- outlets

PUT /outlets/set_device/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this outlet.	integer
Body	data <i>required</i>		Outlet

Responses

HTTP Code	Schema
200	Outlet

Tags

- outlets

GET /outlets/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this outlet.	integer

Responses

HTTP Code	Schema
200	Outlet

Tags

- outlets

PUT /outlets/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this outlet.	integer
Body	data <i>required</i>		Outlet

Responses

HTTP Code	Schema
200	Outlet

Tags

- outlets

DELETE /outlets/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this outlet.	integer

Responses

HTTP Code	Schema
204	No Content

Tags

- outlets

PATCH /outlets/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this outlet.	integer
Body	data <i>required</i>		Outlet

Responses

HTTP Code	Schema
200	Outlet

Tags

- outlets

GET /outlets/{id}/data/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this outlet.	integer

Responses

HTTP Code	Schema
200	Outlet

Tags

- outlets

POST /plugRequest/

Parameters

Type	Name	Schema
Body	data <i>required</i>	PlugRequest

Responses

HTTP Code	Schema
201	PlugRequest

Tags

- plugRequest

GET /plugRequest/

Responses

HTTP Code	Schema
200	< PlugRequest > array

Tags

- plugRequest

GET /plugRequest/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this plugRequest.	integer

Responses

HTTP Code	Schema
200	PlugRequest

Tags

- plugRequest

PUT /plugRequest/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this plugRequest.	integer
Body	data <i>required</i>		PlugRequest

Responses

HTTP Code	Schema
200	PlugRequest

Tags

- plugRequest

DELETE /plugRequest/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this plugRequest.	integer

Responses

HTTP Code	Schema
204	No Content

Tags

- plugRequest

PATCH /plugRequest/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this plugRequest.	integer
Body	data <i>required</i>		PlugRequest

Responses

HTTP Code	Schema
200	PlugRequest

Tags

- plugRequest

POST /plugResponse/

Parameters

Type	Name	Schema
Body	data <i>required</i>	PlugResponse

Responses

HTTP Code	Schema
201	PlugResponse

Tags

- [plugResponse](#)

GET /plugResponse/

Responses

HTTP Code	Schema
200	< PlugResponse > array

Tags

- [plugResponse](#)

GET /plugResponse/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this plugResponses.	integer

Responses

HTTP Code	Schema
200	PlugResponse

Tags

- [plugResponse](#)

PUT /plugResponse/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this plugResponses.	integer
Body	data <i>required</i>		PlugResponse

Responses

HTTP Code	Schema
200	PlugResponse

Tags

- [plugResponse](#)

DELETE /plugResponse/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this plugResponses.	integer

Responses

HTTP Code	Schema
204	No Content

Tags

- [plugResponse](#)

PATCH /plugResponse/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this plugResponses.	integer
Body	data <i>required</i>		PlugResponse

Responses

HTTP Code	Schema
200	PlugResponse

Tags

- [plugResponse](#)

POST /root-data/

Parameters

Type	Name	Schema
Body	data <i>required</i>	RootData

Responses

HTTP Code	Schema
201	RootData

Tags

- [root-data](#)

GET /root-data/

Responses

HTTP Code	Schema
200	< RootData > array

Tags

- root-data

GET /root-data/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this root data.	integer

Responses

HTTP Code	Schema
200	RootData

Tags

- root-data

PUT /root-data/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this root data.	integer
Body	data <i>required</i>		RootData

Responses

HTTP Code	Schema
200	RootData

Tags

- root-data

DELETE /root-data/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this root data.	integer

Responses

HTTP Code	Schema
204	No Content

Tags

- root-data

PATCH /root-data/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this root data.	integer
Body	data <i>required</i>		RootData

Responses

HTTP Code	Schema
200	RootData

Tags

- root-data

POST /systems_hems/

Parameters

Type	Name	Schema
Body	data <i>required</i>	Hems_sys

Responses

HTTP Code	Schema
201	Hems_sys

Tags

- systems_hems

GET /systems_hems/

Responses

HTTP Code	Schema
200	< Hems_sys > array

Tags

- systems_hems

GET /systems_hems/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this hems_sys.	integer

Responses

HTTP Code	Schema
200	Hems_sys

Tags

- systems_hems

PUT /systems_hems/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this hems_sys.	integer
Body	data <i>required</i>		Hems_sys

Responses

HTTP Code	Schema
200	Hems_sys

Tags

- systems_hems

DELETE /systems_hems/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this hems_sys.	integer

Responses

HTTP Code	Schema
204	No Content

Tags

- systems_hems

PATCH /systems_hems/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this hems_sys.	integer
Body	data <i>required</i>		Hems_sys

Responses

HTTP Code	Schema
200	Hems_sys

Tags

- systems_hems

Definitions

Data

Name	Description	Schema
active_power <i>required</i>	Length : 1 - 255	string
current <i>required</i>	Length : 1 - 255	string
dev <i>optional</i>		integer
dev_energy <i>required</i>	Length : 1 - 6	string
power_factor <i>required</i>	Length : 1 - 255	string

Name	Description	Schema
reactive_power <i>required</i>	Length : 1 - 255	string
time <i>required</i>		string (date-time)
voltage <i>required</i>	Length : 1 - 255	string

Device

Name	Description	Schema
devName <i>required</i>	Length : 1 - 30	string
devType <i>required</i>		enum (Generacao, Consumo)
dev_on <i>optional</i>		boolean
id <i>optional</i> <i>read-only</i>		integer

Feature

Name	Description	Schema
broker_address <i>required</i>	Length : 1 - 255	string
cloud_method <i>required</i>	Length : 1 - 30	string
cloud_time <i>required</i>	Length : 1 - 10	string

Name	Description	Schema
id <i>optional</i> <i>read-only</i>		integer
password <i>required</i>	Length : 1 - 50	string
request_time <i>required</i>	Length : 1 - 10	string
template <i>required</i>	Length : 1 - 255	string
update <i>required</i>	Length : 1 - 255	string (uri)
update_date <i>optional</i> <i>read-only</i>		string (date-time)
user <i>required</i>	Length : 1 - 50	string

Hems_sys

Name	Description	Schema
hems_last_up date <i>required</i>		string (date-time)
homeCity <i>optional</i>	Length : 1 - 30	string
homeComple ment <i>optional</i>	Length : 1 - 7	string
homeNeighbo ur <i>optional</i>	Length : 1 - 20	string

Name	Description	Schema
homeStreet <i>optional</i>	Length : 1 - 30	string
id <i>optional</i> <i>read-only</i>		integer
precoKWh <i>required</i>		string (decimal)
userName <i>optional</i>	Length : 1 - 30	string

Outlet

Name	Description	Schema
connectedDevice <i>optional</i> <i>read-only</i>		string
data <i>optional</i> <i>read-only</i>		< Data > array
id <i>optional</i> <i>read-only</i>		integer
label <i>optional</i>	Maximal length : 50	string
mac_address <i>optional</i>	Maximal length : 50	string
outletType <i>optional</i>		boolean
outletZone <i>optional</i> <i>read-only</i>		string

PlugRequest

Name	Description	Schema
id <i>optional</i> <i>read-only</i>		integer
onOff <i>optional</i>		boolean
onOffTimer <i>optional</i>		integer
plugId <i>required</i>	Length : 1 - 255	string
readRelayStatus <i>optional</i>		boolean
reset <i>optional</i>		boolean
switchedOutput <i>optional</i>	Length : 1 - 255	string

PlugResponse

Name	Schema
onOffStatus <i>required</i>	boolean
relayStatus <i>required</i>	boolean
responseId <i>required</i>	integer
switchedOutputStatus <i>required</i>	boolean

RootData

Name	Description	Schema
power <i>required</i>	Length : 1 - 50	string
time <i>required</i>		string (date-time)