

# nomos-Engine-API

The layer between Daemon and Client/App which drives the system.

## Welcome!

This is the documentation of the nomos system AG [<http://nomos-system.com>] Engine API/Message Bus System. There are 2 communication protocols available:

- [socket.io API](#) [#APISOCKET] (available on Version >= 0.1.0)
- [HTTP REST API](#) [#APIHTTP] (available on Version >= 0.2.4)

Additional Informations:

- [Sorting](#) [#SORTING] [#SORTING]
- [\[#SORTING\] Library Datatypes](#) [#DATATYPES] [#DATATYPES]
- [\[#DATATYPES\] Priorities](#) [#PRIORITIES] [#PRIORITIES]

[#PRIORITIES]

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## socket.io API

Socket.io is a very fast and reliable real-time engine. For more informations visit the [socket.io Website](http://socket.io) [<http://socket.io>]. On this page [<http://socket.io/blog/>] you can find client libraries for iOS, Android or C++ for example. The socket.io API allows developers to call functions and listen for engine events (without polling) as well.

Our following examples will show how you use the interface with HTML5/JavaScript.

NAMESPACE is /api/v1

HOST is the IP Address or Hostname of the system.

PORT is usually **8123**.

### HTML5 Connection Example 1

#### HTML HEADER

```
<script src="http://HOST/socket.io/socket.io.js"></script>
```

```
// API Connection
var socket = io('http://HOST:PORT/api/v1');
socket.on('connect', function() {
    socket.emit('init', {uagent: navigator.userAgent, language: 'en'}, function() {
        // ready
    });
});
```

### HTML5 Connection Example 2

```
// jQuery is needed for this example
var HOST = document.location.protocol+'//'+document.location.hostname+':8123',
    socket = null;

$(document).ready(function() {
    $.getScript(HOST+'/socket.io/socket.io.js', function() {
        socket = io(HOST + '/api/v1');
        socket.on('connect', function() {
            socket.emit('init', {uagent: navigator.userAgent, language: 'en'}, function() {
                // ready
            });
        });
    });
});
```

[]

**HTML5 Authorization Example**

```

function socketInitialization() {
    socket.emit('init', {uagent: navigator.userAgent, language: 'en'}, function() {
        // ready
    });
}

socket.on('connect', function() {
    socket.on('stateChange', function(result) {
        // Handling API Password Authorization
        if (result.state == 'Authorization needed for API' && result.part == 'app') {
            // TODO: Show authorization dialog or get password
            var password = 'EXAMPLE';

            socket.emit('auth', {password: password}, function (auth) {
                if (auth == true) {
                    // successful
                    socketInitialization();
                }
                else {
                    // not successful
                }
            });
        }

        // Handling User Password Authorization
        else if (result.state == 'User Authorization needed' && result.part == 'app') {
            // TODO: Show authorization dialog or get credentials
            var username = 'EXAMPLE';
            var password = 'EXAMPLE';

            socket.emit('auth', {username: username, password: password}, function (auth) {
                if (auth == true) {
                    // successful
                    socketInitialization();
                }
                else {
                    // not successful
                }
            });
        }
    });
});
});

```

**SocketIOFileUpload**

(optional) Just needed for File Uploads when necessary.

**HTML HEADER**

```
<script src="http://HOST:PORT/siofu/client.js"></script>
```

**Examples**

To call an API Function, `getCloudStatus` [#api-Cloud-getCloudStatus] for Example:

**EMIT**

```

socket.emit('getCloudStatus', {}, function(result) {
    console.log(result);
});

```

To call an API Function with Parameters, `init` [#api-Miscellaneous-init] for Example:

**EMIT**

```

socket.emit('init', {uagent: navigator.userAgent, language: 'en'}, function() {
    // ready
});

```

Call an API Function and get a Error Object, `setComponentName` [#api-Components-setComponentName] for Example:

**EMIT**

```
socket.emit('setComponentName', {cid: 'C123456', name: 'New Name'}, function(result) {
  console.log(result);
  // {errorCode: 112, errorText: "Not found"}
});
```

To register/listen for an API Event, systemRegistration [#api-Cloud-systemRegistration] for Example:

#### ON/EVENT

```
socket.on('systemRegistration', function(result) {
  console.log(result);
});
```

[]

## HTTP REST API

**Note:** Available only on Version 0.2.4 and upwards.

The HTTP REST API allows developers to execute/call functions per GET and POST but NOT listen for Engine Events.

NAMESPACE is /api/v1

HOST is the IP Address or Hostname of the system.

PORT is usually **80** or **81**.

## Example

#### URL

```
/api/v1/getVersion
```

- GET Example [#http\_example\_1]

```
curl http://HOST:PORT/api/v1/getVersion
```

- POST Example [#http\_example\_2]

```
curl --data "" http://HOST:PORT/api/v1/getVersion
```

- Response [#http\_example\_3]

```
{"api":"0.2.4","ncd":"0.42","engine":"1.1.83"}
```

## Example (with Authorization & Localization)

You can add username and/or password to every API URL as GET, POST or in HTTP Headers.

## Parameter

Field	Type	Description
lang	String	Language/Localization
username	String	Username
password	String	Password

- GET Example [#http\_example\_4]

```
curl "http://HOST:PORT/api/v1/getVersion?username=admin&password=mypass&lang=en"
```

- POST Example [#http\_example\_5]

```
curl --data "username=admin&password=myspass&lang=en" http://HOST:PORT/api/v1/getVersion
```

- HTTP Header Example [#http\_example\_6]

```
curl --header "auth-username: admin" --header "auth-password: mypass" --header "accept-language: en" http://HOST:PORT/api/v1/
```

## JSON Example

For deeper parameter structures you can use JSON as well. Not available on HTTP GET.

- POST Example [#http\_example\_7]

```
curl --header "Content-Type: application/json" --data "{\"cid\":\"C10\",\"room\":\"1\"}" http://HOST:PORT/api/v1/attachCompon
```

□

## Sorting

A couple of API functions are supporting sort order definitions. For Example:

EMIT

```
socket.emit('getEvents', {sortBy: ['name', 'created']}, function(result) {
  // Result sorted by name and created Timestamp
  console.log(result);
});
socket.emit('getEvents', {sortBy: ['-created', 'name']}, function(result) {
  // Result sorted by created Timestamp ('-' means reverse sort order) and name
  console.log(result);
});
```

□

## Library Datatypes

- **null**

No datatype means no parameter at all. For example: (get)allplaylists property

- **bool**

Boolean (On/Off) Datatype

- **float**

Float Number Value

- **int**

Integer Number Value

- **string**

String

- **hue**

Hue Integer Value (0-360)

- **stringlist**

Lists - for example: allplaylists mapping

- **base64**

Covers, for example.

[]

## Priorities

- **0**  
PRIORITY\_VERYLOW
- **1**  
PRIORITY\_MODERATE
- **2**  
PRIORITY\_NORMAL
- **3**  
PRIORITY\_HIGH
- **4**  
PRIORITY\_EMERGENCY

# Apple Remote

## Apple\_Remote - addRemoteDevice

Add a "remote" Apple iTunes/AppleTV Device/Component

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
type	String	Type of Device Allowed values: "itunes"
sid	optional String	System ID
name	String	Name of the Device
host	String	Host IP/Name of the Device
lid	optional String	Library ID of the Device
profile	optional String	Profile of the Device
capabilities	optional String[]	Capabilities of the Device
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- Example [#parameter-examples-Apple\_Remote-addRemoteDevice-0\_1\_9-0]

```
{
  type: "itunes",
  sid: "NS123456789",
  name: "MacBookPro iTunes",
  host: "192.168.1.99",
```

```

lid: "remote.itunes",
profile: "itunes",
capabilities: []
}

```

### Success

Field	Type	Description
cid	String	The new Component ID

- Success-Response [#success-examples-Apple\_Remote-addRemoteDevice-0\_1\_9-0]

```

{
  cid: "C4"
}

```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
114	Not connected
117	Not allowed

- Error-Response [#error-examples-Apple\_Remote-addRemoteDevice-0\_1\_9-0]

```

{
  errorCode: 111,
  errorText: "Type unknown"
}

```

## Apple\_Remote - addRemoteDevice

Add a "remote" Apple iTunes/AppleTV Device/Component

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
type	String	Type of Device Allowed values: "itunes"
sid	optional String	System ID
name	String	Name of the Device
host	String	Host IP/Name of the Device
lid	optional String	Library ID of the Device
profile	optional String	Profile of the Device

Field	Type	Description
capabilities	optional String[]	Capabilities of the Device
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- Example [#parameter-examples-Apple\_Remote-addRemoteDevice-0\_1\_8-0]

```
{
  type: "itunes",
  sid: "NS123456789",
  name: "MacBookPro iTunes",
  host: "192.168.1.99",
  lid: "remote.itunes",
  profile: "itunes",
  capabilities: []
}
```

### Success

Field	Type	Description
cid	String	The new Component ID

- Success-Response [#success-examples-Apple\_Remote-addRemoteDevice-0\_1\_8-0]

```
{
  cid: "C4"
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Apple\_Remote-addRemoteDevice-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## Apple\_Remote - addRemoteDevice

Add a "remote" Apple iTunes/AppleTV Device/Component

EMIT

```
/config
```

### Parameter

Field	Type	Description
type	String	Type of Device Allowed values: "itunes"

Field	Type	Description
sid	optional String	System ID
name	String	Name of the Device
host	String	Host IP/Name of the Device
lid	optional String	Library ID of the Device
profile	optional String	Profile of the Device
capabilities	optional String[]	Capabilities of the Device

- Example [#parameter-examples-Apple\_Remote-addRemoteDevice-0\_1\_6-0]

```
{
  type: "itunes",
  sid: "NS1234567890",
  name: "MacBookPro iTunes",
  host: "192.168.1.99",
  lid: "remote.itunes",
  profile: "itunes",
  capabilities: []
}
```

- Success-Response [#success-examples-Apple\_Remote-addRemoteDevice-0\_1\_6-0]

```
{
  cid: "C4",
  error: false
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Apple\_Remote-addRemoteDevice-0\_1\_6-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## Apple\_Remote - addRemoteDevice

Add a "remote" Apple iTunes/AppleTV Device/Component

EMIT

```
/config
```

### Parameter

Field	Type	Description
-------	------	-------------



type		String	Type of Device Allowed values: " itunes "
sid	optional	String	System ID
name		String	Name of the Device
host		String	Host IP/Name of the Device
profile	optional	String	Profile of the Device
capabilities	optional	String[]	Capabilities of the Device

- Example [#parameter-examples-Apple\_Remote-addRemoteDevice-0\_1\_5-0]

```
{
  type: "itunes",
  sid: "NS1234567890",
  name: "MacBookPro iTunes",
  host: "192.168.1.99",
  profile: "itunes",
  capabilities: []
}
```

- Success-Response [#success-examples-Apple\_Remote-addRemoteDevice-0\_1\_5-0]

```
{
  cid: "C4",
  error: false
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Apple\_Remote-addRemoteDevice-0\_1\_5-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## Apple\_Remote - addRemoteDevice

Add a "remote" Apple iTunes/Apple TV Device/Component

EMIT

```
/config
```

### Parameter

Field	Type	Description
type	String	Type of Device Allowed values: " itunes "

Field	Type	Description
sid	String	System ID
name	String	Name of the Device
host	String	Host IP/Name of the Device
profile	String	Profile of the Device
capabilities	optional String[]	Capabilities of the Device

- Example [#parameter-examples-Apple\_Remote-addRemoteDevice-0\_1\_0-0]

```
{
  "type": "itunes",
  "sid": "NS1234567890",
  "name": "MacBookPro iTunes",
  "host": "192.168.1.99",
  "profile": "itunes",
  "capabilities": []
}
```

- Success-Response [#success-examples-Apple\_Remote-addRemoteDevice-0\_1\_0-0]

```
{
  cid: "C4",
  error: false
}
```

- Error-Response [#error-examples-Apple\_Remote-addRemoteDevice-0\_1\_0-0]

```
{
  cid: null,
  error: true
}
```

## Apple\_Remote - getRemoteDevices

Get (autodetected) "remote" Apple iTunes/AppleTV Devices/Components

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
type	String	Type of Device Allowed values: "itunes"
localOnly	optional Boolean	Only local detected? Default value: true Allowed values: true, false

- Example [#parameter-examples-Apple\_Remote-getRemoteDevices-0\_1\_8-0]

```
{
  type: "itunes"
}
```

### Success

Field	Type	Description
available	Object	Device available on following Systems
sid	String	System ID
host	String	Host of Apple Device
name	String	Name of Apple Device
lastUpdate	String	Timestamp Last Update
type	String	Type of Device
lid	String	Library ID
profile	String	Profile Name
capabilities	String[]	Capabilities of the Device
components	Object[]	Component(s) (if already added to the underlying system)
cid	String	Component ID
sid	String	System ID

- Success-Response [#success-examples-Apple\_Remote-getRemoteDevices-0\_1\_8-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        host: "192.168.1.103",
        name: "Media of Bernhard",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    type: "itunes",
    lid: "remote.itunes",
    profile: "itunes",
    capabilities: [],
    components: [
      {
        cid: "C4",
        sid: "NS123456789"
      }
    ]
  }
]
```

## Apple\_Remote - getRemoteDevices

Get (autodetected) "remote" Apple iTunes/AppleTV Devices/Components

EMIT

/config

### Parameter

Field	Type	Description
-------	------	-------------

type	String	Type of Device Allowed values: "itunes"
------	--------	--

- Example [#parameter-examples-Apple\_Remote-getRemoteDevices-0\_1\_6-0]

```
{
  type: "itunes"
}
```

- Success-Response [#success-examples-Apple\_Remote-getRemoteDevices-0\_1\_6-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        host: "192.168.1.103",
        name: "Media of Bernhard",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    type: "itunes",
    lid: "remote.itunes",
    profile: "itunes",
    capabilities: [],
    components: [
      {
        cid: "C4",
        sid: "NS123456789"
      }
    ]
  }
]
```

## Apple\_Remote - getRemoteDevices

Get (autodetected) "remote" Apple iTunes/Apple TV Devices/Components

EMIT

```
/config
```

### Parameter

Field	Type	Description
type	String	Type of Device Allowed values: "itunes"

- Example [#parameter-examples-Apple\_Remote-getRemoteDevices-0\_1\_0-0]

```
{
  type: "itunes"
}
```

- Success-Response [#success-examples-Apple\_Remote-getRemoteDevices-0\_1\_0-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        host: "192.168.1.103",
        name: "Mediathek of Bernhard",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    type: "itunes",
    profile: "itunes",
    capabilities: [],
    components: [
```

```

    {
      cid: "C4",
      sid: "NS123456789"
    }
  ]
}
]

```

## BackupRestore

### BackupRestore - Upload-Backup

Upload Backup File with the Help of SocketIOFileUpload Library (see SocketIOFileUpload [<https://github.com/vote539/socketio-file-upload>] for more Informations)

#### SOCKETIOFILEUPLOAD

```
/api/v1
```

- Example [#examples-BackupRestore-Upload\_Backup-0\_2\_4-0]

```

// somewhere in <header>
// <script src="http://HOST:PORT/siofu/client.js"></script>

var uploader = new SocketIOFileUpload(socket);
uploader.listenOnInput(document.getElementById("backupUploadInput"));
uploader.addEventListener('error', function(data) {
  if(data.code === 1) {
    console.log("File size error");
  }
});
uploader.addEventListener('progress', function(event) {
  console.log(parseInt(event.bytesLoaded / event.file.size * 100) + '%');
});
uploader.addEventListener('complete', function(event) {
  if(event.detail.error === false) {
    // Success
    window.location.reload();
  } else {
    // Error
  }
});
uploader.addEventListener('start', function(event) {
  event.file.meta.type = 'backup';
});

```

#### Success

Field	Type	Description
event	Object	
detail	Object	
error	Boolean	false upload successful Allowed values: false

#### Error

Name	Type	Description
event	Object	
detail	Object	
error	Boolean	true upload not successful Allowed values: true

## BackupRestore - createBackup

Create a Backup

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	optional String	Backup Name

- Example [#parameter-examples-BackupRestore-createBackup-0\_2\_4-0]

```
{
  name: "Test-Backup"
}
```

### Success

Field	Type	Description
name	String	Backup Name
url	String	Download Url (Expires after 15 secs)

- Success-Response [#success-examples-BackupRestore-createBackup-0\_2\_4-0]

```
{
  name: "Test-Backup.bkp",
  url: "http://IP:PORT/download/1234567890123456789012345678901234567890123456789012345678901234567890"
}
```

### Error-Codes

Name	Description
111	Unknown error occured

- Error-Response [#error-examples-BackupRestore-createBackup-0\_2\_4-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## BackupRestore - downloadBackup

Download a Backup

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Backup Name

### Success

Field	Type	Description
-------	------	-------------

url	String	Download Url (Expires after 15 secs)
-----	--------	--------------------------------------

- Success-Response [#success-examples-BackupRestore-downloadBackup-0\_2\_4-0]

```
{
  url: "http://IP:PORT/download/1234567890123456789012345678901234567890123456789012345678901234567890"
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-BackupRestore-downloadBackup-0\_2\_4-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## BackupRestore - getBackups

Get Backups

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
source <span style="float: right;">optional</span>	String	Backup Source Default value: local Allowed values: local
sortBy <span style="float: right;">optional</span>	String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-BackupRestore-getBackups-0\_2\_4-0]

```
{
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
object	Object[]	Backup Objects
name	String	Backup Name
size	Integer	Size in Bytes
created	String	Timestamp Created

- Success-Response [#success-examples-BackupRestore-getBackups-0\_2\_4-0]

```
[
  {
    name: "backup_2016-06-29T08:40:34.936Z.bkp",
    size: 150000,
    created: "2016-06-29T08:40:38.897Z"
  }
]
```

### Error-Codes

Name	Description
112	Not found

- Error-Response [#error-examples-BackupRestore-getBackups-0\_2\_4-0]

```
{
  errorCode: 112,
  errorText: "Source not found"
}
```

## BackupRestore - removeBackup

Remove a Backup

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
source <small>optional</small>	String	Backup Source Default value: local Allowed values: local
name	String	Backup Name

- Success-Response [#success-examples-BackupRestore-removeBackup-0\_2\_4-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-BackupRestore-removeBackup-0\_2\_4-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## BackupRestore - restoreBackup

Restore a Backup (on Success, System will rebooted automatically)

EMIT



```
/api/v1
```

**Parameter**

Field	Type	Description
name	String	Backup Name

- Success-Response [#success-examples-BackupRestore-restoreBackup-0\_2\_4-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occured
112	Not found

- Error-Response [#error-examples-BackupRestore-restoreBackup-0\_2\_4-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Cameras

### Cameras - addCamera

Add a Camera

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
name	String	The Name of the Camera
url	String	The Url of the Camera

- Example [#parameter-examples-Cameras-addCamera-0\_2\_3-0]

```
{
  name: "Kitchen Cam",
  url: "http://192.168.1.2/cam.jpeg"
}
```

**Success**

Field	Type	Description
id	Integer	Camera ID

- Success-Response [#success-examples-Cameras-addCamera-0\_2\_3-0]

```
{
  id: 3
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Cameras-addCamera-0\_2\_3-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Cameras - getCameraName

Get Camera Name

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Camera ID to get name from

- Example [#parameter-examples-Cameras-getCameraName-0\_2\_3-0]

```
{
  id: 1
}
```

- Success-Response [#success-examples-Cameras-getCameraName-0\_2\_3-0]

```
"Cam 1"
```

- Error-Response [#error-examples-Cameras-getCameraName-0\_2\_3-0]

```
null
```

## Cameras - getCameras

Get Cameras

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy optional	String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-Cameras-getCameras-0\_2\_3-0]

```
{
  sortBy: ['name', 'created']
}
```

}

**Success**

Field	Type	Description
object	Object[]	Camera Objects
id	Integer	Camera ID
name	String	Camera Name
url	String	Camera Url
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update

- Success-Response [#success-examples-Cameras-getCameras-0\_2\_3-0]

```
[
  {
    id: 1,
    name: "Cam 1",
    url: "http://192.168.1.2/cam1.jpeg",
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
  },
  {
    id: 2,
    name: "Cam 2",
    url: "http://192.168.1.2/cam2.jpeg",
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
  }
]
```

**Cameras - onCameraAdded**

Update Event when a new Camera was added

ON/EVENT

/api/v1

**Success**

Field	Type	Description
id	Integer	Camera ID
name	String	Camera Name

- Success-Response [#success-examples-Cameras-onCameraAdded-0\_2\_3-0]

```
{
  id: 1,
  name: "Kitchen Cam"
}
```

**Cameras - onCameraNameChange**

Update Event when a Camera Name was changed

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
id	Integer	Camera ID
name	String	Camera Name

- Success-Response [#success-examples-Cameras-onCameraNameChange-0\_2\_3-0]

```
{
  id: 1,
  name: "Livingroom WebCam"
}
```

## Cameras - onCameraRemoved

Update Event when a Camera was removed

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
id	Integer	Camera ID

- Success-Response [#success-examples-Cameras-onCameraRemoved-0\_2\_3-0]

```
{
  id: 1
}
```

## Cameras - removeCamera

Remove a Camera

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Camera ID

- Example [#parameter-examples-Cameras-removeCamera-0\_2\_3-0]

```
{
  id: 3
}
```

- Success-Response [#success-examples-Cameras-removeCamera-0\_2\_3-0]

```
true
```

### Error-Codes

Name	Description
------	-------------

111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Cameras-removeCamera-0\_2\_3-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Cameras - setCamera

Set/Update a Camera

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Camera ID
name	optional String	Name
url	optional String	Camera Url

- Example [#parameter-examples-Cameras-setCamera-0\_2\_3-0]

```
{
  id: 1,
  name: "Kitchen Cam",
  url: "http://192.168.1.2/cam.jpeg"
}
```

- Success-Response [#success-examples-Cameras-setCamera-0\_2\_3-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Cameras-setCamera-0\_2\_3-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Cameras - setCameraName

Set Camera Name

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Camera ID
name	String	New Name

- Example [#parameter-examples-Cameras-setCameraName-0\_2\_3-0]

```
{
  id: 1,
  name: "Kitchen Cam"
}
```

- Success-Response [#success-examples-Cameras-setCameraName-0\_2\_3-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Cameras-setCameraName-0\_2\_3-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Clients

### Clients - getClients

Get (App) Client List

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-Clients-getClients-0\_2\_5-0]

```
{
  sortBy: ['name', 'appVersion']
}
```

### Success

Field	Type	Description
did	String	Device ID
name	String	Name of the Device
osVersion	String	Operating System Version
platform	String	Operating System Name
model	String	Device Model
appVersion	String	Version of the Application
appId	String	ID of the Application
appName	String	Name of the Application
lastSeen	String	Timestamp last seen
hasPush	Boolean	Push Notifications enabled Allowed values: <code>true</code> , <code>false</code>

- Success-Response [#success-examples-Clients-getClients-0\_2\_5-0]

```
[{
  did: "1E4F8745-BBBB-40DA-1F7A-2CDAC92BBBBB",
  name: "iPhone of Bernhard",
  osVersion: "8.4.1",
  platform: "iOS",
  model: "iPhone6,1",
  appVersion: "1.0.1",
  appId: "com.nomos-system.testapp",
  appName: "nomos TestApp",
  lastSeen: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  hasPush: true
}]
```

## Clients - getClients

Get (App) Client List

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-Clients-getClients-0\_1\_9-0]

```
{
  sortBy: ['name', 'appVersion']
}
```

### Success

Field	Type	Description
-------	------	-------------

did	String	Device ID
name	String	Name of the Device
osVersion	String	Operating System Version
platform	String	Operating System Name
model	String	Device Model
appVersion	String	Version of the Application
appId	String	ID of the Application
appName	String	Name of the Application
hasPush	Boolean	Push Notifications enabled  Allowed values: <code>true</code> , <code>false</code>

- Success-Response [#success-examples-Clients-getClients-0\_1\_9-0]

```
[{
  did: "1E4F8745-BBBB-40DA-1F7A-2CDAC92BBBBB",
  name: "iPhone of Bernhard",
  osVersion: "8.4.1",
  platform: "iOS",
  model: "iPhone6,1",
  appVersion: "1.0.1",
  appId: "com.nomos-system.testapp",
  appName: "nomos TestApp",
  hasPush: true
}]
```

## Clients - getClients

Get (App) Client List

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-Clients-getClients-0\_1\_8-0]

```
{
  sortBy: ['name', 'appVersion']
}
```

### Success

Field	Type	Description
did	String	Device ID
name	String	Name of the Device



Field	Type	Description
osVersion	String	Operating System Version
platform	String	Operating System Name
model	String	Device Model
appVersion	String	Version of the Application
appId	String	ID of the Application
appName	String	Name of the Application

- Success-Response [#success-examples-Clients-getClients-0\_1\_8-0]

```
[{
  did: "1E4F8745-BBBB-40DA-1F7A-2CDAC92BBBBB",
  name: "iPhone of Bernhard",
  osVersion: "8.4.1",
  platform: "iOS",
  model: "iPhone6,1",
  appVersion: "1.0.1",
  appId: "com.nomos-system.testapp",
  appName: "nomos TestApp"
}]
```

## Clients - removeClient

Remove a (App) Client

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
did	String	Device ID
appId	String	App ID

- Example [#parameter-examples-Clients-removeClient-0\_1\_8-0]

```
{
  did: "1E4F8745-BBBB-40DA-1F7A-2CDAC92BBBBB",
  appId: "com.nomos-system.testapp"
}
```

- Success-Response [#success-examples-Clients-removeClient-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Clients-removeClient-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Cloud

### Cloud - disableCloud

Disable Cloud

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Cloud-disableCloud-0\_1\_8-0]

```
true
```

- Error-Response [#error-examples-Cloud-disableCloud-0\_1\_8-0]

```
false
```

### Cloud - enableCloud

Enable Cloud

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Cloud-enableCloud-0\_1\_8-0]

```
true
```

- Error-Response [#error-examples-Cloud-enableCloud-0\_1\_8-0]

```
false
```

### Cloud - getCloudStatus

Get Cloud Status Information/Configuration

EMIT

```
/api/v1
```

#### Success

Field	Type	Description
status	String	Cloud Connection status as text
connected	Boolean	Cloud Connection connected status Allowed values: true, false

Field	Type	Description
connecting	Boolean	Cloud Connection connecting status Allowed values: <code>true</code> , <code>false</code>
enabled	Boolean	Cloud Connection enabled status Allowed values: <code>true</code> , <code>false</code>
registered	Boolean	System is registered in Cloud Allowed values: <code>true</code> , <code>false</code>
username	String	Cloud username
fullname	String	Cloud user full name
email	String	Cloud email address
apps	String[]	Enabled Cloud Apps

- Success-Response (Unregistered) [#success-examples-Cloud-getCloudStatus-0\_2\_8-0]
- Success-Response (Registered) [#success-examples-Cloud-getCloudStatus-0\_2\_8-1]

```
{
  status: "Connected",
  connected: true,
  connecting: false,
  enabled: true,
  registered: false,
  username: "",
  fullname: "",
  email: "",
  apps: []
}
```

```
{
  status: "Connected",
  connected: true,
  connecting: false,
  enabled: true,
  registered: true,
  username: "testusername",
  fullname: "Test User",
  email: "support@nomos-system.com",
  apps: ['app1', 'app2']
}
```

## Cloud - getCloudStatus

Get Cloud Status Information/Configuration

EMIT

```
/api/v1
```

### Success

Field	Type	Description
status	String	Cloud Connection status as text
connected	Boolean	Cloud Connection connected status Allowed values: <code>true</code> , <code>false</code>

Field	Type	Description
enabled	Boolean	Cloud Connection enabled status Allowed values: <code>true</code> , <code>false</code>
registered	Boolean	System is registered in Cloud Allowed values: <code>true</code> , <code>false</code>
username	String	Cloud username
fullname	String	Cloud user full name
email	String	Cloud email address
apps	String[]	Enabled Cloud Apps

- Success-Response (Unregistered) [#success-examples-Cloud-getCloudStatus-0\_2\_3-0]
- Success-Response (Registered) [#success-examples-Cloud-getCloudStatus-0\_2\_3-1]

```
{
  status: "Connected",
  connected: true,
  enabled: true,
  registered: false,
  username: "",
  fullname: "",
  email: "",
  apps: []
}
```

```
{
  status: "Connected",
  connected: true,
  enabled: true,
  registered: true,
  username: "testusername",
  fullname: "Test User",
  email: "support@nomos-system.com",
  apps: ['app1', 'app2']
}
```

## Cloud - getCloudStatus

Get Cloud Status Information/Configuration

EMIT

```
/api/v1
```

### Success

Field	Type	Description
status	String	Cloud Connection status as text
connected	Boolean	Cloud Connection connected status Allowed values: <code>true</code> , <code>false</code>
enabled	Boolean	Cloud Connection enabled status Allowed values: <code>true</code> , <code>false</code>

Field	Type	Description
registered	Boolean	System is registered in Cloud Allowed values: <code>true</code> , <code>false</code>
username	String	Cloud username
fullname	String	Cloud user full name
email	String	Cloud email address

- Success-Response (Unregistered) [#success-examples-Cloud-getCloudStatus-0\_2\_1-0]
- Success-Response (Registered) [#success-examples-Cloud-getCloudStatus-0\_2\_1-1]

```
{
  status: "Connected",
  connected: true,
  enabled: true,
  registered: false,
  username: "",
  fullname: "",
  email: ""
}
```

```
{
  status: "Connected",
  connected: true,
  enabled: true,
  registered: true,
  username: "testusername",
  fullname: "Test User",
  email: "support@nomos-system.com"
}
```

## Cloud - getCloudStatus

Get Cloud Status Information/Configuration

EMIT

```
/api/v1
```

### Success

Field	Type	Description
status	String	The Cloud Connection status
connected	Boolean	Cloud Connection established right now Allowed values: <code>true</code> , <code>false</code>
enabled	Boolean	Cloud Connection allowed Allowed values: <code>true</code> , <code>false</code>
user	String	The current Cloud user name

- Success-Response [#success-examples-Cloud-getCloudStatus-0\_1\_8-0]

```
{
  status: "Connected",
  connected: true,
  enabled: true,
  user: "TestUserName"
}
```

## Cloud - getCloudStatus

Get Cloud Status Information/Configuration

EMIT

/config

### Success

Field	Type	Description
connected	Boolean	<code>true</code>   <code>false</code> Cloud Connection established right now
enabled	Boolean	<code>true</code>   <code>false</code> Cloud Connection allowed
user	String	The current Cloud user name

- Success-Response [#success-examples-Cloud-getCloudStatus-0\_1\_0-0]

```
{
  "connected": true,
  "enabled": true,
  "user": "TestUserName"
}
```

## Cloud - systemRegistration

Update Event when Cloud sends a Registration PIN for System Registration. The Client has to display this information.

ON/EVENT

/api/v1

### Success

Field	Type	Description
pin	String	PIN Code

- Success-Response [#success-examples-Cloud-systemRegistration-0\_1\_8-0]

```
{
  pin: "12345"
}
```

## Cloud - unregisterCloud

Unregister from Cloud

EMIT

/api/v1

- Success-Response [#success-examples-Cloud-unregisterCloud-0\_2\_8-0]

true

- Error-Response [#error-examples-Cloud-unregisterCloud-0\_2\_8-0]

false

## Cloud - updateSecurityToken

Update Event when Cloud sends the Security Token for External Access. The client has to store this data.

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
securityToken	String	Security Token

- Success-Response [#success-examples-Cloud-updateSecurityToken-0\_1\_8-0]

```
{
  securityToken: "1234567890123456789012345678901234567890123456789012345678901234567890"
}
```

## Components

### Components - attachComponent

Attach a Component to a Room

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID to attach
room	Integer	Room ID to attach to

- Example [#parameter-examples-Components-attachComponent-0\_1\_8-0]

```
{
  cid: "C10",
  room: 1
}
```

- Success-Response [#success-examples-Components-attachComponent-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
103	Component already assigned to this room
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Components-attachComponent-0\_1\_8-0]

```
{
  errorCode: 103,
  errorText: "Component already assigned to this room"
}
```

## Components - attachComponent

Attach a Component to a Room

EMIT

```
/config
```

### Parameter

Field	Type	Description
cid	String	Component ID to attach
room	String	Room ID to attach to

- Example [#parameter-examples-Components-attachComponent-0\_1\_0-0]

```
{
  cid: "C10",
  room: 1
}
```

- Success-Response [#success-examples-Components-attachComponent-0\_1\_0-0]

```
true
```

### Error-Codes

Name	Description
103	Component already assigned to this room
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Components-attachComponent-0\_1\_0-0]

```
{
  errorCode: 103,
  errorText: "Component already assigned to this room"
}
```

## Components - autoDetectionChange

Update Event when new Components are getting detected by the system

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
sid	String	System ID



Field	Type	Description
type	String	Component Type Allowed values: sonos, hue, remote

- Response [#success-examples-Components-autoDetectionChange-0\_2\_0-0]

```
{
  sid: 'NS123456789',
  type: 'sonos'
}
```

## Components - componentUpdate

Do a Property Update on one or multiple Component(s)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	optional String[]/String	A array of Component ID's or a specific Component ID to update
floor	optional Integer[]/Integer	A array of Floor ID's or Floor ID. All depended Components will be updated.
room	optional Integer[]/Integer	A array of Room ID's or Room ID. All depended Components will be updated.
property	String	Property Name
value	optional String[]/String	Value(s) to set. To increase or decrease a value use += or -= followed by the amount. For example +=10.
index	optional Integer	Cover Index (only available on "Cover" calls)
length	optional Integer	Cover Length (only available on "Cover" calls)

- Example 1 [#parameter-examples-Components-componentUpdate-0\_2\_3-0]
- Example 2 [#parameter-examples-Components-componentUpdate-0\_2\_3-1]
- Example 3 (Incrementation) [#parameter-examples-Components-componentUpdate-0\_2\_3-2]
- Floor Example [#parameter-examples-Components-componentUpdate-0\_2\_3-3]
- Room Example [#parameter-examples-Components-componentUpdate-0\_2\_3-4]

```
{
  cid: "C10",
  property: "switchon"
}
```

```
{
  cid: "C10",
  property: "level",
  value: "100"
}
```

```
{
  cid: "C10",
  property: "level",
  value: "+=10"
}
```

```
{
  floor: 1,
  property: "switchoff"
}
```

```
{
  room: [1, 2],
  property: "switchoff"
}
```

- Success-Response [#success-examples-Components-componentUpdate-0\_2\_3-0]
- Multiple Success-Response [#success-examples-Components-componentUpdate-0\_2\_3-1]

```
{
  C10: true
}
```

```
{
  C10: true,
  C11: true,
  C12: true
}
```

### Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Components-componentUpdate-0\_2\_3-0]

```
{
  C10: false
}
```

## Components - componentUpdate

Do a Property Update on one or multiple Component(s)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	optional String[]/String	A array of Component ID's or a specific Component ID to update
floor	optional Integer[]/Integer	A array of Floor ID's or Floor ID. All depended Components will be updated.
room	optional Integer[]/Integer	A array of Room ID's or Room ID. All depended Components will be updated.
property	String	Property Name
value	optional String[]/String	Value(s)
index	optional Integer	Cover Index (only available on "Cover" calls)
length	optional Integer	Cover Length (only available on "Cover" calls)

- Example 1 [#parameter-examples-Components-componentUpdate-0\_1\_8-0]
- Example 2 [#parameter-examples-Components-componentUpdate-0\_1\_8-1]
- Floor Example [#parameter-examples-Components-componentUpdate-0\_1\_8-2]

- Room Example [#parameter-examples-Components-componentUpdate-0\_1\_8-3]

```
{
  cid: "C10",
  property: "switchon"
}
```

```
{
  cid: "C10",
  property: "level",
  value: "100"
}
```

```
{
  floor: 1,
  property: "switchoff"
}
```

```
{
  room: [1, 2],
  property: "switchoff"
}
```

- Success-Response [#success-examples-Components-componentUpdate-0\_1\_8-0]
- Multiple Success-Response [#success-examples-Components-componentUpdate-0\_1\_8-1]

```
{
  C10: true
}
```

```
{
  C10: true,
  C11: true,
  C12: true
}
```

### Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Components-componentUpdate-0\_1\_8-0]

```
{
  C10: false
}
```

## Components - componentUpdate

Do a Property Update on a Component

EMIT

```
/control
```

### Parameter

Field	Type	Description
cid	String	Component ID
property	String	Property Name
value	optional String	Value

- Example 1 [#parameter-examples-Components-componentUpdate-0\_1\_0-0]
- Example 2 [#parameter-examples-Components-componentUpdate-0\_1\_0-1]

```
{
  "cid": "C10",
  "property": "switchon"
}
```

```
{
  "cid": "C10",
  "property": "level",
  "value": "100"
}
```

- Success-Response [#success-examples-Components-componentUpdate-0\_1\_0-0]

```
true
```

- Error-Response [#error-examples-Components-componentUpdate-0\_1\_0-0]

```
false
```

## Components - detachComponent

Detach a Component from a Room

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID to detach
room	Integer	Room ID to detach from

- Example [#parameter-examples-Components-detachComponent-0\_1\_8-0]

```
{
  cid: "C10",
  room: 1
}
```

- Success-Response [#success-examples-Components-detachComponent-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
104	Component not assigned to this room
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Components-detachComponent-0\_1\_8-0]

```
{
  errorCode: 104,
  errorText: "Component not assigned to this room"
}
```

## Components - detachComponent

Detach a Component from a Room

EMIT

```
/config
```

### Parameter

Field	Type	Description
cid	String	Component ID to detach
room	String	Room ID to detach from

- Example [#parameter-examples-Components-detachComponent-0\_1\_0-0]

```
{
  cid: "C10",
  room: 1
}
```

- Success-Response [#success-examples-Components-detachComponent-0\_1\_0-0]

```
true
```

### Error-Codes

Name	Description
104	Component not assigned to this room
111	Unknown error occurred

- Error-Response [#error-examples-Components-detachComponent-0\_1\_0-0]

```
{
  errorCode: 104,
  errorText: "Component not assigned to this room"
}
```

## Components - getAllComponents

Get All Components

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)
filterOutTag	optional String/String[]	Tags to filter out

- Sorting Example [#parameter-examples-Components-getAllComponents-0\_2\_14-0]

```
{
  sortBy: ['name', 'created']
}
```

**Success**

Field		Type	Description
cid		String	Component ID
name		String	Component Name
sid		String	System ID
lid		String	Library ID
profile		String	Profile Name
className		String	Class Name
subClassName		String	Subclass Name
capabilities		String[]	Capabilities
engineType		String	Engine Type
version		String	Library Version
uuid	optional	String	Sonos UUID
model	optional	String	Sonos Model
host	optional	String	Sonos Hostname/IP
tags		String[]	Tags
meta		Object	Additional Meta Informations
created		String	Timestamp Created
lastUpdate		String	Timestamp Last Update
rooms		Integer[]	Rooms Assignment
properties		Object	Properties/Actions
sizeInBit		Integer	Size in Bit
datatype		String	Datatype (see Data Types [#DATATYPES] for more Informations)
method		String	Method
property		String	Property Name
value	optional	String	Fixed Value
join	optional	String	(mremote) Join Type

Field	Type	Description
min	optional Integer	Minimum Value (for UI)
max	optional Integer	Maximum Value (for UI)
internalMin	optional Integer	Minimum Value (Control-wise, Auto Scaling)
internalMax	optional Integer	Maximum Value (Control-wise, Auto Scaling)
maxLength	optional Integer	Maximum Length
valueList	optional Object[]	List of possible Key/Value Pairs
propertiesMeta	Object	Properties/Actions Meta Data
text	String	Text/Description
properties	Object[]	Child Elements
mappings	Object	Mappings/Feedbacks
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
onChange	optional Boolean	Trigger always or just on change Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>
join	optional String	(mremote) Join Type
valueList	optional Object[]	List of possible Key/Value Pairs
mappingsMeta	Object	Mappings/Feedbacks Meta Data
text	String	Text/Description
properties	Object[]	Child Elements

- Success-Response [#success-examples-Components-getAllComponents-0\_2\_14-0]

```
[
{
  cid: "C0001",
  name: "Sonos Office",
  sid: "NS123456789",
  lid: "sonos.default",
  profile: "sonos",
  className: "SONOS",
  subClassName: "",
  capabilities: [],
  engineType: "SONOS",
  version: "1.0",
```

```

uuid: "uuid:RINCON_123456789_MR",
model: "Sonos PLAY:3",
host: "192.168.1.71",
tags: ["addedByAPI"],
meta: {},
created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
rooms: [1],
"properties": {
  "allfavorites": {
    "method": "get",
    "property": "allfavorites",
    "datatype": "null"
  },
  "allplaylists": {
    "method": "get",
    "property": "allplaylists",
    "datatype": "null"
  },
  "alltitlesofplaylist": {
    "method": "get",
    "property": "alltitlesofplaylist",
    "datatype": "string"
  },
  "favoritescovers": {
    "method": "cover",
    "source": "favorites",
    "datatype": "null"
  },
  "next": {
    "method": "command",
    "command": "next",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "play": {
    "method": "command",
    "command": "play",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "pause": {
    "method": "command",
    "command": "pause",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "playfavorite": {
    "method": "command",
    "command": "playfavorite",
    "datatype": "string"
  },
  "playlistcovers": {
    "method": "cover",
    "source": "playlist",
    "datatype": "null"
  },
  "playplaylist": {
    "method": "command",
    "command": "playplaylist",
    "datatype": "string"
  },
  "prev": {
    "method": "command",
    "command": "prev",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "stop": {
    "method": "command",
    "command": "stop",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "volume": {
    "method": "set",
    "property": "volume",
    "min": 0,
    "max": 100,

```



```

        "join": "a",
        "datatype": "int"
    },
    },
    "propertiesMeta": {
    "allfavorites": {
        "text": "Get all favorites",
        "properties": ["allfavorites"]
    },
    "allplaylists": {
        "text": "Get all playlists",
        "properties": ["allplaylists"]
    },
    "alltitlesofplaylist": {
        "text": "Get all titles of a playlist",
        "properties": ["alltitlesofplaylist"]
    },
    "favoritescovers": {
        "text": "Get favorites covers",
        "properties": ["favoritescovers"]
    },
    "next": {
        "text": "Play next",
        "properties": ["next"]
    },
    "play": {
        "text": "Play",
        "properties": ["play"]
    },
    "playfavorite": {
        "text": "Play favorite",
        "properties": ["playfavorite"]
    },
    "playlistcovers": {
        "text": "Get playlist covers",
        "properties": ["playlistcovers"]
    },
    "playplaylist": {
        "text": "Play playlist",
        "properties": ["playplaylist"]
    },
    "prev": {
        "text": "Play previous",
        "properties": ["prev"]
    },
    "stop": {
        "text": "Stopp",
        "properties": ["stop"]
    },
    "volume": {
        "text": "Set Volume",
        "properties": ["volume"]
    }
    },
    "mappings": {
    "ptime": {
        "method": "get",
        "property": "ptime",
        "join": "s",
        "volatile": true,
        "datatype": "string"
    },
    "ctime": {
        "method": "get",
        "property": "ctime",
        "join": "s",
        "datatype": "string"
    },
    "ptimep": {
        "method": "get",
        "property": "ptime",
        "join": "a",
        "volatile": true,
        "datatype": "int"
    },
    "volume": {
        "method": "get",
        "property": "volume",
        "min": 0,
        "max": 100,
        "join": "a",
        "datatype": "int"
    },
    "playerstate": {

```

```

    "method": "get",
    "property": "STATE",
    "datatype": "string",
    "valueList": [{
      *   "text": "Playing",
      *   "value": "PLAYING"
    }, {
      *   "text": "Pausiert",
      *   "value": "PAUSED"
    }, {
      *   "text": "Gestoppt",
      *   "value": "STOPPED"
    }
  ],
},
"album": {
  "method": "get",
  "property": "ALBUM",
  "datatype": "string"
},
"allfavorites": {
  "method": "get",
  "property": "ALLFAVORITES",
  "datatype": "stringlist"
},
"allplaylists": {
  "method": "get",
  "property": "ALLPLAYLISTS",
  "datatype": "stringlist"
},
"alltitlesofplaylist": {
  "method": "get",
  "property": "ALLTITLESOFPLAYLIST",
  "datatype": "stringlist"
},
"artist": {
  "method": "get",
  "property": "ARTIST",
  "datatype": "string"
},
"crossfade": {
  "method": "get",
  "property": "CROSSFADE",
  "datatype": "bool"
},
"index": {
  "method": "get",
  "property": "INDEX",
  "datatype": "int"
},
"repeat": {
  "method": "get",
  "property": "REPEAT",
  "datatype": "bool"
},
"shuffle": {
  "method": "get",
  "property": "SHUFFLE",
  "datatype": "bool"
},
"title": {
  "method": "get",
  "property": "TITLE",
  "datatype": "string"
},
"cover": {
  "method": "get",
  "property": "cover",
  "datatype": "base64"
}
},
"mappingsMeta": {
  "ptime": {
    "text": "Current playtime",
    "properties": ["ptime"]
  },
  "ctime": {
    "text": "Entire playtime",
    "properties": ["ctime"]
  },
  "ptimep": {
    "text": "Current playtime (percent)",
    "properties": ["ptimep"]
  },
},
"volume": {

```

```

        "text": "Volume",
        "properties": ["volume"]
    },
    "playerstate": {
        "text": "Player state",
        "properties": ["playerstate"]
    },
    "album": {
        "text": "Album",
        "properties": ["album"]
    },
    "allfavorites": {
        "text": "All favorites",
        "properties": ["allfavorites"]
    },
    "allplaylists": {
        "text": "All playlists",
        "properties": ["allplaylists"]
    },
    "alltitlesofplaylist": {
        "text": "All titles of a playlist",
        "properties": ["alltitlesofplaylist"]
    },
    "artist": {
        "text": "Artist",
        "properties": ["artist"]
    },
    "crossfade": {
        "text": "Crossfade",
        "properties": ["crossfade"]
    },
    "index": {
        "text": "Index",
        "properties": ["index"]
    },
    "repeat": {
        "text": "Repeat",
        "properties": ["repeat"]
    },
    "shuffle": {
        "text": "Shuffle",
        "properties": ["shuffle"]
    },
    "title": {
        "text": "Title",
        "properties": ["title"]
    },
    "cover": {
        "text": "Cover",
        "properties": ["cover"]
    }
}
]

```

## Components - getAllComponents

Get All Components

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- [Sorting Example \[#parameter-examples-Components-getAllComponents-0\\_2\\_12-0\]](#)

```
{
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
-------	------	-------------

cid		String	Component ID
name		String	Component Name
sid		String	System ID
lid		String	Library ID
profile		String	Profile Name
className		String	Class Name
subClassName		String	Subclass Name
capabilities		String[]	Capabilities
engineType		String	Engine Type
version		String	Library Version
uuid	optional	String	Sonos UUID
model	optional	String	Sonos Model
host	optional	String	Sonos Hostname/IP
tags		String[]	Tags
meta		Object	Additional Meta Informations
created		String	Timestamp Created
lastUpdate		String	Timestamp Last Update
rooms		Integer[]	Rooms Assignment
properties		Object	Properties/Actions
sizeInBit		Integer	Size in Bit
datatype		String	Datatype (see Data Types [#DATATYPES] for more Informations)
method		String	Method
property		String	Property Name
value	optional	String	Fixed Value
join	optional	String	(mremote) Join Type
min	optional	Integer	Minimum Value (for UI)

max	optional	Integer	Maximum Value (for UI)
internalMin	optional	Integer	Minimum Value (Control-wise, Auto Scaling)
internalMax	optional	Integer	Maximum Value (Control-wise, Auto Scaling)
maxLength	optional	Integer	Maximum Length
valueList	optional	Object[]	List of possible Key/Value Pairs
propertiesMeta		Object	Properties/Actions Meta Data
text		String	Text/Description
properties		Object[]	Child Elements
mappings		Object	Mappings/Feedbacks
sizeInBit		Integer	Size in Bit
datatype		String	Datatype (see Data Types [#DATATYPES] for more Informations)
method		String	Method
property		String	Property Name
onChange	optional	Boolean	Trigger always or just on change Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>
join	optional	String	(mremote) Join Type
valueList	optional	Object[]	List of possible Key/Value Pairs
mappingsMeta		Object	Mappings/Feedbacks Meta Data
text		String	Text/Description
properties		Object[]	Child Elements

- Success-Response [#success-examples-Components-getAllComponents-0\_2\_12-0]

```
[
{
  cid: "C0001",
  name: "Sonos Office",
  sid: "NS123456789",
  lid: "sonos.default",
  profile: "sonos",
  className: "SONOS",
  subClassName: "",
  capabilities: [],
  engineType: "SONOS",
  version: "1.0",
  uuid: "uuid:RINCON_123456789_MR",
  model: "Sonos PLAY:3",
  host: "192.168.1.71",
  tags: ["addedByAPI"],
  meta: {},
}
```

```

created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
rooms: [1],
"properties": {
  "allfavorites": {
    "method": "get",
    "property": "allfavorites",
    "datatype": "null"
  },
  "allplaylists": {
    "method": "get",
    "property": "allplaylists",
    "datatype": "null"
  },
  "alltitlesofplaylist": {
    "method": "get",
    "property": "alltitlesofplaylist",
    "datatype": "string"
  },
  "favoritescovers": {
    "method": "cover",
    "source": "favorites",
    "datatype": "null"
  },
  "next": {
    "method": "command",
    "command": "next",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "play": {
    "method": "command",
    "command": "play",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "pause": {
    "method": "command",
    "command": "pause",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "playfavorite": {
    "method": "command",
    "command": "playfavorite",
    "datatype": "string"
  },
  "playlistcovers": {
    "method": "cover",
    "source": "playlist",
    "datatype": "null"
  },
  "playplaylist": {
    "method": "command",
    "command": "playplaylist",
    "datatype": "string"
  },
  "prev": {
    "method": "command",
    "command": "prev",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "stop": {
    "method": "command",
    "command": "stop",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "volume": {
    "method": "set",
    "property": "volume",
    "min": 0,
    "max": 100,
    "join": "a",
    "datatype": "int"
  }
},
"propertiesMeta": {

```

```

"allfavorites": {
  "text": "Get all favorites",
  "properties": ["allfavorites"]
},
"allplaylists": {
  "text": "Get all playlists",
  "properties": ["allplaylists"]
},
"alltitlesofplaylist": {
  "text": "Get all titles of a playlist",
  "properties": ["alltitlesofplaylist"]
},
"favoritescovers": {
  "text": "Get favorites covers",
  "properties": ["favoritescovers"]
},
"next": {
  "text": "Play next",
  "properties": ["next"]
},
"play": {
  "text": "Play",
  "properties": ["play"]
},
"playfavorite": {
  "text": "Play favorite",
  "properties": ["playfavorite"]
},
"playlistcovers": {
  "text": "Get playlist covers",
  "properties": ["playlistcovers"]
},
"playplaylist": {
  "text": "Play playlist",
  "properties": ["playplaylist"]
},
"prev": {
  "text": "Play previous",
  "properties": ["prev"]
},
"stop": {
  "text": "Stopp",
  "properties": ["stop"]
},
"volume": {
  "text": "Set Volume",
  "properties": ["volume"]
}
},
"mappings": {
  "ptime": {
    "method": "get",
    "property": "ptime",
    "join": "s",
    "volatile": true,
    "datatype": "string"
  },
  "ctime": {
    "method": "get",
    "property": "ctime",
    "join": "s",
    "datatype": "string"
  },
  "ptimep": {
    "method": "get",
    "property": "ptime",
    "join": "a",
    "volatile": true,
    "datatype": "int"
  },
  "volume": {
    "method": "get",
    "property": "volume",
    "min": 0,
    "max": 100,
    "join": "a",
    "datatype": "int"
  },
  "playerstate": {
    "method": "get",
    "property": "STATE",
    "datatype": "string",
    "valueList": [{
      *      "text": "Playing",

```

```

        *      "value": "PLAYING"
      }, {
        *      "text": "Pausiert",
        *      "value": "PAUSED"
      }, {
        *      "text": "Gestoppt",
        *      "value": "STOPPED"
      }
    ]
  },
  "album": {
    "method": "get",
    "property": "ALBUM",
    "datatype": "string"
  },
  "allfavorites": {
    "method": "get",
    "property": "ALLFAVORITES",
    "datatype": "stringlist"
  },
  "allplaylists": {
    "method": "get",
    "property": "ALLPLAYLISTS",
    "datatype": "stringlist"
  },
  "alltitlesofplaylist": {
    "method": "get",
    "property": "ALLTITLESOFPLAYLIST",
    "datatype": "stringlist"
  },
  "artist": {
    "method": "get",
    "property": "ARTIST",
    "datatype": "string"
  },
  "crossfade": {
    "method": "get",
    "property": "CROSSFADE",
    "datatype": "bool"
  },
  "index": {
    "method": "get",
    "property": "INDEX",
    "datatype": "int"
  },
  "repeat": {
    "method": "get",
    "property": "REPEAT",
    "datatype": "bool"
  },
  "shuffle": {
    "method": "get",
    "property": "SHUFFLE",
    "datatype": "bool"
  },
  "title": {
    "method": "get",
    "property": "TITLE",
    "datatype": "string"
  },
  "cover": {
    "method": "get",
    "property": "cover",
    "datatype": "base64"
  }
},
"mappingsMeta": {
  "ptime": {
    "text": "Current playtime",
    "properties": ["ptime"]
  },
  "ctime": {
    "text": "Entire playtime",
    "properties": ["ctime"]
  },
  "ptimep": {
    "text": "Current playtime (percent)",
    "properties": ["ptimep"]
  },
  "volume": {
    "text": "Volume",
    "properties": ["volume"]
  },
  "playerstate": {
    "text": "Player state",

```



```

        "properties": ["playerstate"]
    },
    "album": {
        "text": "Album",
        "properties": ["album"]
    },
    "allfavorites": {
        "text": "All favorites",
        "properties": ["allfavorites"]
    },
    "allplaylists": {
        "text": "All playlists",
        "properties": ["allplaylists"]
    },
    "alltitlesofplaylist": {
        "text": "All titles of a playlist",
        "properties": ["alltitlesofplaylist"]
    },
    "artist": {
        "text": "Artist",
        "properties": ["artist"]
    },
    "crossfade": {
        "text": "Crossfade",
        "properties": ["crossfade"]
    },
    "index": {
        "text": "Index",
        "properties": ["index"]
    },
    "repeat": {
        "text": "Repeat",
        "properties": ["repeat"]
    },
    "shuffle": {
        "text": "Shuffle",
        "properties": ["shuffle"]
    },
    "title": {
        "text": "Title",
        "properties": ["title"]
    },
    "cover": {
        "text": "Cover",
        "properties": ["cover"]
    }
}
]

```

## Components - getAllComponents

Get All Components

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- [Sorting Example \[#parameter-examples-Components-getAllComponents-0\\_1\\_8-0\]](#)

```
{
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
cid	String	Component ID

Field	Type	Description
name	String	Component Name
sid	String	System ID
lid	String	Library ID
profile	String	Profile Name
className	String	Class Name
subClassName	String	Subclass Name
capabilities	String[]	Capabilities
engineType	String	Engine Type
version	String	Library Version
uuid	optional String	Sonos UUID
model	optional String	Sonos Model
host	optional String	Sonos Hostname/IP
tags	String[]	Tags
meta	Object	Additional Meta Informations
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update
rooms	Integer[]	Rooms Assignment

- Success-Response [[#success-examples-Components-getAllComponents-0\\_1\\_8-0](#)]

```
[
  {
    cid: "C0001",
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
    profile: "sonos",
    className: "SONOS",
    subClassName: "",
    capabilities: [],
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    model: "Sonos PLAY:3",
    host: "192.168.1.71",
    tags: ["addedByAPI"],
    meta: {},
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    rooms: [1]
  }
]
```

## Components - getAllComponents

Get All Components

EMIT

```
/config
```

- Success-Response [#success-examples-Components-getAllComponents-0\_1\_6-0]

```
{
  C0001: {
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
    profile: "sonos",
    className: "SONOS",
    cid: "C0001",
    capabilities: [],
    subClassName: "",
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    host: "192.168.1.71",
    rooms: [1]
  }
}
```

### Error-Codes

Name	Description
112	Not found

- Error-Response [#error-examples-Components-getAllComponents-0\_1\_6-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Components - getAllComponents

Get All Components

EMIT

```
/config
```

- Success-Response [#success-examples-Components-getAllComponents-0\_1\_5-0]

```
{
  C0001: {
    name: "Sonos Office",
    sid: "NS123456789",
    profile: "sonos",
    className: "SONOS",
    cid: "C0001",
    capabilities: [],
    subClassName: "",
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    host: "192.168.1.71",
    rooms: [1]
  }
}
```

### Error-Codes

Name	Description
112	Not found

- Error-Response [#error-examples-Components-getAllComponents-0\_1\_5-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Components - getAllComponents

Get All Components

EMIT

```
/config
```

- Success-Response [#success-examples-Components-getAllComponents-0\_1\_0-0]

```
{
  C0001: {
    name: "Sonos Office",
    sid: "NS123456789",
    profile: "sonos",
    className: "SONOS",
    cid: "C0001",
    capabilities: [],
    subClassName: "",
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    host: "192.168.1.71",
    rooms: [1]
  }
}
```

## Components - GetComponentData

Get Component Data/Value for specific Component ID

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID
property	String	Property Name

- Example 1 [#parameter-examples-Components-getComponentData-0\_2\_11-0]
- Example 2 [#parameter-examples-Components-getComponentData-0\_2\_11-1]

```
{
  cid: "C0001",
  property: "album"
}
```

```
{
  cid: "C0002",
  property: "electric"
}
```

### Success

Field	Type	Description
content	String/Boolean	Content

Field	Type	Description
value	optional	Integer/Float/Boolean Value in correct Data Type
unit	optional	String Unit of Value
lastUpdate	String	Timestamp Last Update

- Success-Response 1 [#success-examples-Components-getComponentData-0\_2\_11-0]
- Success-Response 2 [#success-examples-Components-getComponentData-0\_2\_11-1]

```
{
  content: "Back In Black",
  lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)"
}
```

```
{
  content: "55.69 W",
  value: 55.69,
  unit: "W",
  lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)"
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Components-getComponentData-0\_2\_11-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Components - GetComponentData

Get Component Data/Value for specific Component ID

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID
property	String	Property Name

- Example 1 [#parameter-examples-Components-getComponentData-0\_1\_9-0]

```
{
  cid: "C0001",
  property: "album"
}
```

### Success

Field	Type	Description
content	String	Content
lastUpdate	String	Timestamp Last Update

- Success-Response [#success-examples-Components-getComponentData-0\_1\_9-0]

```
{
  content: "Back In Black",
  lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)"
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Components-getComponentData-0\_1\_9-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Components - GetComponentInitData

Get Component Init Data/Values for specific Component ID's

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
array	String/String[]	Array with Component ID's to get initialization data for

- Example 1 [#parameter-examples-Components-getComponentInitData-0\_2\_11-0]
- Example 2 [#parameter-examples-Components-getComponentInitData-0\_2\_11-1]

```
"C0001"
```

```
[
  "C0001",
  "C0002"
]
```

### Success

Field	Type	Description
Array	Object[]	with all the Component Updates
Object	Object	Component Object

Field	Type	Description
content	String/Boolean	Content
value optional	Integer/Float/Boolean	Value in correct Data Type
unit optional	String	Unit of Value
lastUpdate	String	Timestamp Last Update
cid	String	Component ID
property	String	Property Name

- Success-Response 1 [#success-examples-Components-getComponentInitData-0\_2\_11-0]
- Success-Response 2 [#success-examples-Components-getComponentInitData-0\_2\_11-1]

```
[
  {
    content: "Back In Black",
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0001",
    property: "title"
  },
  {
    content: "STOPPED",
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0001",
    property: "playerstate"
  },
  {
    content: false,
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0001",
    property: "crossfade"
  }
]
```

```
[
  {
    content: "Back In Black",
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0001",
    property: "title"
  },
  {
    content: "STOPPED",
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0001",
    property: "playerstate"
  },
  {
    content: false,
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0001",
    property: "crossfade"
  },
  {
    content: "55.69 W",
    unit: "W",
    value: 55.69,
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0002",
    property: "electric"
  }
]
```

### Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Components-getComponentInitData-0\_2\_11-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Components - GetComponentInitData

Get Component Init Data/Values for specific Component ID's

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
array	String/String[]	Array with Component ID's to get initialization data for

- Example 1 [#parameter-examples-Components-getComponentInitData-0\_1\_8-0]
- Example 2 [#parameter-examples-Components-getComponentInitData-0\_1\_8-1]

```
"C0001"
```

```
[
  "C0001",
  "C0002"
]
```

### Success

Field	Type	Description
Array	Object[]	with all the Component Updates
Object	Object	Component Object
content	String	Content
lastUpdate	String	Timestamp Last Update
cid	String	Component ID
property	String	Property Name

- Success-Response [#success-examples-Components-getComponentInitData-0\_1\_8-0]

```
[
  {
    content: "Back In Black",
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0001",
    property: "title"
  },
  {
    content: "STOPPED",
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0001",
    property: "playerstate"
  },
  {
    content: false,
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0001",
    property: "crossfade"
  }
]
```



```

  }
]

```

## Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Components-getComponentInitData-0\_1\_8-0]

```

{
  errorCode: 106,
  errorText: "Parameter(s) error"
}

```

## Components - GetComponentInitData

Get Component Init Data for specific Component ID's

EMIT

```
/config
```

### Parameter

Field	Type	Description
array	String[]	Array with Component ID's to get initialization data for

- Example [#parameter-examples-Components-getComponentInitData-0\_1\_0-0]

```

[
  "C0001"
]

```

- Success-Response [#success-examples-Components-getComponentInitData-0\_1\_0-0]

```

[
  {
    content: "Back In Black",
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0001",
    property: "title"
  },
  {
    content: "STOPPED",
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0001",
    property: "state"
  },
  {
    content: false,
    lastUpdate: "Thu Aug 20 2015 09:20:55 GMT+0200 (CEST)",
    cid: "C0001",
    property: "crossfade"
  }
]

```

## Components - getComponentsById

Get Component(s) by Id

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String/String[]	Component Id or multiple Id's

- Example [#parameter-examples-Components-getComponentsById-0\_2\_14-0]
- Multi Example [#parameter-examples-Components-getComponentsById-0\_2\_14-1]

```
{
  cid: "C0001"
}
```

```
{
  cid: ["C0001", "C0002"]
}
```

## Success

Field	Type	Description
cid	String	Component ID
name	String	Component Name
sid	String	System ID
lid	String	Library ID
profile	String	Profile Name
className	String	Class Name
subClassName	String	Subclass Name
capabilities	String[]	Capabilities
engineType	String	Engine Type
version	String	Library Version
uuid	optional String	Sonos UUID
model	optional String	Sonos Model
host	optional String	Sonos Hostname/IP
tags	String[]	Tags
meta	Object	Additional Meta Informations
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update
rooms	Integer[]	Rooms Assignment
properties	Object	Properties/Actions

Field	Type	Description
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
value	optional String	Fixed Value
join	optional String	(mremote) Join Type
min	optional Integer	Minimum Value (for UI)
max	optional Integer	Maximum Value (for UI)
internalMin	optional Integer	Minimum Value (Control-wise, Auto Scaling)
internalMax	optional Integer	Maximum Value (Control-wise, Auto Scaling)
maxLength	optional Integer	Maximum Length
valueList	optional Object[]	List of possible Key/Value Pairs
propertiesMeta	Object	Properties/Actions Meta Data
text	String	Text/Description
properties	Object[]	Child Elements
mappings	Object	Mappings/Feedbacks
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
onChange	optional Boolean	Trigger always or just on change Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>
join	optional String	(mremote) Join Type
valueList	optional Object[]	List of possible Key/Value Pairs
mappingsMeta	Object	Mappings/Feedbacks Meta Data
text	String	Text/Description

Field	Type	Description
properties	Object[]	Child Elements

- Success-Response [#success-examples-Components-getComponentsById-0\_2\_14-0]

```
[
  {
    cid: "C0001",
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
    profile: "sonos",
    className: "SONOS",
    subClassName: "",
    capabilities: [],
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    model: "Sonos PLAY:3",
    host: "192.168.1.71",
    tags: ["addedByAPI"],
    meta: {},
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    rooms: [1],
    "properties": {
      "allfavorites": {
        "method": "get",
        "property": "allfavorites",
        "datatype": "null"
      },
      "allplaylists": {
        "method": "get",
        "property": "allplaylists",
        "datatype": "null"
      },
      "alltitlesofplaylist": {
        "method": "get",
        "property": "alltitlesofplaylist",
        "datatype": "string"
      },
      "favoritescovers": {
        "method": "cover",
        "source": "favorites",
        "datatype": "null"
      },
      "next": {
        "method": "command",
        "command": "next",
        "value": 1,
        "join": "d",
        "datatype": "null"
      },
      "play": {
        "method": "command",
        "command": "play",
        "value": 1,
        "join": "d",
        "datatype": "null"
      },
      "pause": {
        "method": "command",
        "command": "pause",
        "value": 1,
        "join": "d",
        "datatype": "null"
      },
      "playfavorite": {
        "method": "command",
        "command": "playfavorite",
        "datatype": "string"
      },
      "playlistcovers": {
        "method": "cover",
        "source": "playlist",
        "datatype": "null"
      },
      "playplaylist": {
        "method": "command",
        "command": "playplaylist",
        "datatype": "string"
      }
    }
  }
]
```

```

},
"prev": {
  "method": "command",
  "command": "prev",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"stop": {
  "method": "command",
  "command": "stop",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"volume": {
  "method": "set",
  "property": "volume",
  "min": 0,
  "max": 100,
  "join": "a",
  "datatype": "int"
}
},
"propertiesMeta": {
"allfavorites": {
  "text": "Get all favorites",
  "properties": ["allfavorites"]
},
"allplaylists": {
  "text": "Get all playlists",
  "properties": ["allplaylists"]
},
"alltitlesofplaylist": {
  "text": "Get all titles of a playlist",
  "properties": ["alltitlesofplaylist"]
},
"favoritescovers": {
  "text": "Get favorites covers",
  "properties": ["favoritescovers"]
},
"next": {
  "text": "Play next",
  "properties": ["next"]
},
"play": {
  "text": "Play",
  "properties": ["play"]
},
"playfavorite": {
  "text": "Play favorite",
  "properties": ["playfavorite"]
},
"playlistcovers": {
  "text": "Get playlist covers",
  "properties": ["playlistcovers"]
},
"playplaylist": {
  "text": "Play playlist",
  "properties": ["playplaylist"]
},
"prev": {
  "text": "Play previous",
  "properties": ["prev"]
},
"stop": {
  "text": "Stopp",
  "properties": ["stop"]
},
"volume": {
  "text": "Set Volume",
  "properties": ["volume"]
}
},
"mappings": {
"ptime": {
  "method": "get",
  "property": "ptime",
  "join": "s",
  "volatile": true,
  "datatype": "string"
},
"ctime": {
  "method": "get",

```

```

        "property": "ctime",
        "join": "s",
        "datatype": "string"
    },
    "ptimep": {
        "method": "get",
        "property": "ptime",
        "join": "a",
        "volatile": true,
        "datatype": "int"
    },
    "volume": {
        "method": "get",
        "property": "volume",
        "min": 0,
        "max": 100,
        "join": "a",
        "datatype": "int"
    },
    "playerstate": {
        "method": "get",
        "property": "STATE",
        "datatype": "string",
        "valueList": [{
            "text": "Playing",
            "value": "PLAYING"
        }, {
            "text": "Pausiert",
            "value": "PAUSED"
        }, {
            "text": "Gestoppt",
            "value": "STOPPED"
        }]
    },
    "album": {
        "method": "get",
        "property": "ALBUM",
        "datatype": "string"
    },
    "allfavorites": {
        "method": "get",
        "property": "ALLFAVORITES",
        "datatype": "stringlist"
    },
    "allplaylists": {
        "method": "get",
        "property": "ALLPLAYLISTS",
        "datatype": "stringlist"
    },
    "alltitlesofplaylist": {
        "method": "get",
        "property": "ALLTITLESOFPLAYLIST",
        "datatype": "stringlist"
    },
    "artist": {
        "method": "get",
        "property": "ARTIST",
        "datatype": "string"
    },
    "crossfade": {
        "method": "get",
        "property": "CROSSFADE",
        "datatype": "bool"
    },
    "index": {
        "method": "get",
        "property": "INDEX",
        "datatype": "int"
    },
    "repeat": {
        "method": "get",
        "property": "REPEAT",
        "datatype": "bool"
    },
    "shuffle": {
        "method": "get",
        "property": "SHUFFLE",
        "datatype": "bool"
    },
    "title": {
        "method": "get",
        "property": "TITLE",
        "datatype": "string"
    },
    },

```

```

"cover": {
  "method": "get",
  "property": "cover",
  "datatype": "base64"
},
"mappingsMeta": {
  "ptime": {
    "text": "Current playtime",
    "properties": ["ptime"]
  },
  "ctime": {
    "text": "Entire playtime",
    "properties": ["ctime"]
  },
  "ptimep": {
    "text": "Current playtime (percent)",
    "properties": ["ptimep"]
  },
  "volume": {
    "text": "Volume",
    "properties": ["volume"]
  },
  "playerstate": {
    "text": "Player state",
    "properties": ["playerstate"]
  },
  "album": {
    "text": "Album",
    "properties": ["album"]
  },
  "allfavorites": {
    "text": "All favorites",
    "properties": ["allfavorites"]
  },
  "allplaylists": {
    "text": "All playlists",
    "properties": ["allplaylists"]
  },
  "alltitlesofplaylist": {
    "text": "All titles of a playlist",
    "properties": ["alltitlesofplaylist"]
  },
  "artist": {
    "text": "Artist",
    "properties": ["artist"]
  },
  "crossfade": {
    "text": "Crossfade",
    "properties": ["crossfade"]
  },
  "index": {
    "text": "Index",
    "properties": ["index"]
  },
  "repeat": {
    "text": "Repeat",
    "properties": ["repeat"]
  },
  "shuffle": {
    "text": "Shuffle",
    "properties": ["shuffle"]
  },
  "title": {
    "text": "Title",
    "properties": ["title"]
  },
  "cover": {
    "text": "Cover",
    "properties": ["cover"]
  }
}
}
]

```

## Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Components-getComponentsById-0\_2\_14-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Components - getComponentsByProfile

Filter components that start with profile.

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
profile	String	Profile name to filter for
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)
filterOutTag	optional String/String[]	Tags to filter out

- Example [#parameter-examples-Components-getComponentsByProfile-0\_2\_14-0]
- Sorting Example [#parameter-examples-Components-getComponentsByProfile-0\_2\_14-1]

```
{
  profile: "sonos"
}
```

```
{
  profile: "sonos",
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
cid	String	Component ID
name	String	Component Name
sid	String	System ID
lid	String	Library ID
profile	String	Profile Name
className	String	Class Name
subClassName	String	Subclass Name
capabilities	String[]	Capabilities
engineType	String	Engine Type
version	String	Library Version



Field		Type	Description
uuid	optional	String	Sonos UUID
model	optional	String	Sonos Model
host	optional	String	Sonos Hostname/IP
tags		String[]	Tags
meta		Object	Additional Meta Informations
created		String	Timestamp Created
lastUpdate		String	Timestamp Last Update
rooms		Integer[]	Rooms Assignment
properties		Object	Properties/Actions
sizeInBit		Integer	Size in Bit
datatype		String	Datatype (see Data Types [#DATATYPES] for more Informations)
method		String	Method
property		String	Property Name
value	optional	String	Fixed Value
join	optional	String	(mremote) Join Type
min	optional	Integer	Minimum Value (for UI)
max	optional	Integer	Maximum Value (for UI)
internalMin	optional	Integer	Minimum Value (Control-wise, Auto Scaling)
internalMax	optional	Integer	Maximum Value (Control-wise, Auto Scaling)
maxLength	optional	Integer	Maximum Length
valueList	optional	Object[]	List of possible Key/Value Pairs
propertiesMeta		Object	Properties/Actions Meta Data
text		String	Text/Description
properties		Object[]	Child Elements
mappings		Object	Mappings/Feedbacks
sizeInBit		Integer	Size in Bit

Field	Type	Description
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
onChange	optional Boolean	Trigger always or just on change Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>
join	optional String	(mremote) Join Type
valueList	optional Object[]	List of possible Key/Value Pairs
mappingsMeta	Object	Mappings/Feedbacks Meta Data
text	String	Text/Description
properties	Object[]	Child Elements

- Success-Response [#success-examples-Components-getComponentsByProfile-0\_2\_14-0]

```
[
  {
    cid: "C0001",
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
    profile: "sonos",
    className: "SONOS",
    subClassName: "",
    capabilities: [],
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    model: "Sonos PLAY:3",
    host: "192.168.1.71",
    tags: ["addedByAPI"],
    meta: {},
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    rooms: [1],
    "properties": {
      "allfavorites": {
        "method": "get",
        "property": "allfavorites",
        "datatype": "null"
      },
      "allplaylists": {
        "method": "get",
        "property": "allplaylists",
        "datatype": "null"
      },
      "alltitlesofplaylist": {
        "method": "get",
        "property": "alltitlesofplaylist",
        "datatype": "string"
      },
      "favoritescovers": {
        "method": "cover",
        "source": "favorites",
        "datatype": "null"
      },
      "next": {
        "method": "command",
        "command": "next",
        "value": 1,
        "join": "d",
        "datatype": "null"
      }
    }
  }
]
```

```

},
"play": {
  "method": "command",
  "command": "play",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"pause": {
  "method": "command",
  "command": "pause",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"playfavorite": {
  "method": "command",
  "command": "playfavorite",
  "datatype": "string"
},
"playlistcovers": {
  "method": "cover",
  "source": "playlist",
  "datatype": "null"
},
"playplaylist": {
  "method": "command",
  "command": "playplaylist",
  "datatype": "string"
},
"prev": {
  "method": "command",
  "command": "prev",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"stop": {
  "method": "command",
  "command": "stop",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"volume": {
  "method": "set",
  "property": "volume",
  "min": 0,
  "max": 100,
  "join": "a",
  "datatype": "int"
}
},
"propertiesMeta": {
  "allfavorites": {
    "text": "Get all favorites",
    "properties": ["allfavorites"]
  },
  "allplaylists": {
    "text": "Get all playlists",
    "properties": ["allplaylists"]
  },
  "alltitlesofplaylist": {
    "text": "Get all titles of a playlist",
    "properties": ["alltitlesofplaylist"]
  },
  "favoritescovers": {
    "text": "Get favorites covers",
    "properties": ["favoritescovers"]
  },
  "next": {
    "text": "Play next",
    "properties": ["next"]
  },
  "play": {
    "text": "Play",
    "properties": ["play"]
  },
  "playfavorite": {
    "text": "Play favorite",
    "properties": ["playfavorite"]
  },
  "playlistcovers": {
    "text": "Get playlist covers",

```

```

        "properties": ["playlistcovers"]
    },
    "playplaylist": {
        "text": "Play playlist",
        "properties": ["playplaylist"]
    },
    "prev": {
        "text": "Play previous",
        "properties": ["prev"]
    },
    "stop": {
        "text": "Stopp",
        "properties": ["stop"]
    },
    "volume": {
        "text": "Set Volume",
        "properties": ["volume"]
    }
},
"mappings": {
    "ptime": {
        "method": "get",
        "property": "ptime",
        "join": "s",
        "volatile": true,
        "datatype": "string"
    },
    "ctime": {
        "method": "get",
        "property": "ctime",
        "join": "s",
        "datatype": "string"
    },
    "ptimep": {
        "method": "get",
        "property": "ptime",
        "join": "a",
        "volatile": true,
        "datatype": "int"
    },
    "volume": {
        "method": "get",
        "property": "volume",
        "min": 0,
        "max": 100,
        "join": "a",
        "datatype": "int"
    },
    "playerstate": {
        "method": "get",
        "property": "STATE",
        "datatype": "string",
        "valueList": [{
            "text": "Playing",
            "value": "PLAYING"
        }, {
            "text": "Pausiert",
            "value": "PAUSED"
        }, {
            "text": "Gestoppt",
            "value": "STOPPED"
        }
    ]
},
    "album": {
        "method": "get",
        "property": "ALBUM",
        "datatype": "string"
    },
    "allfavorites": {
        "method": "get",
        "property": "ALLFAVORITES",
        "datatype": "stringlist"
    },
    "allplaylists": {
        "method": "get",
        "property": "ALLPLAYLISTS",
        "datatype": "stringlist"
    },
    "alltitlesofplaylist": {
        "method": "get",
        "property": "ALLTITLESOFPLAYLIST",
        "datatype": "stringlist"
    },
    "artist": {

```

```

        "method": "get",
        "property": "ARTIST",
        "datatype": "string"
    },
    "crossfade": {
        "method": "get",
        "property": "CROSSFADE",
        "datatype": "bool"
    },
    "index": {
        "method": "get",
        "property": "INDEX",
        "datatype": "int"
    },
    "repeat": {
        "method": "get",
        "property": "REPEAT",
        "datatype": "bool"
    },
    "shuffle": {
        "method": "get",
        "property": "SHUFFLE",
        "datatype": "bool"
    },
    "title": {
        "method": "get",
        "property": "TITLE",
        "datatype": "string"
    },
    "cover": {
        "method": "get",
        "property": "cover",
        "datatype": "base64"
    }
},
"mappingsMeta": {
    "ptime": {
        "text": "Current playtime",
        "properties": ["ptime"]
    },
    "ctime": {
        "text": "Entire playtime",
        "properties": ["ctime"]
    },
    "ptimep": {
        "text": "Current playtime (percent)",
        "properties": ["ptimep"]
    },
    "volume": {
        "text": "Volume",
        "properties": ["volume"]
    },
    "playerstate": {
        "text": "Player state",
        "properties": ["playerstate"]
    },
    "album": {
        "text": "Album",
        "properties": ["album"]
    },
    "allfavorites": {
        "text": "All favorites",
        "properties": ["allfavorites"]
    },
    "allplaylists": {
        "text": "All playlists",
        "properties": ["allplaylists"]
    },
    "alltitlesofplaylist": {
        "text": "All titles of a playlist",
        "properties": ["alltitlesofplaylist"]
    },
    "artist": {
        "text": "Artist",
        "properties": ["artist"]
    },
    "crossfade": {
        "text": "Crossfade",
        "properties": ["crossfade"]
    },
    "index": {
        "text": "Index",
        "properties": ["index"]
    },
},

```

```

    "repeat": {
      "text": "Repeat",
      "properties": ["repeat"]
    },
    "shuffle": {
      "text": "Shuffle",
      "properties": ["shuffle"]
    },
    "title": {
      "text": "Title",
      "properties": ["title"]
    },
    "cover": {
      "text": "Cover",
      "properties": ["cover"]
    }
  }
}
]

```

## Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Components-getComponentsByProfile-0\_2\_14-0]

```

{
  errorCode: 106,
  errorText: "Parameter(s) error"
}

```

## Components - getComponentsByProfile

Filter components that start with profile.

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
profile	String	Profile name to filter for
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Example [#parameter-examples-Components-getComponentsByProfile-0\_2\_11-0]
- Sorting Example [#parameter-examples-Components-getComponentsByProfile-0\_2\_11-1]

```

{
  profile: "sonos"
}

```

```

{
  profile: "sonos",
  sortBy: ['name', 'created']
}

```

### Success

Field	Type	Description
cid	String	Component ID
name	String	Component Name

Field	Type	Description
sid	String	System ID
lid	String	Library ID
profile	String	Profile Name
className	String	Class Name
subClassName	String	Subclass Name
capabilities	String[]	Capabilities
engineType	String	Engine Type
version	String	Library Version
uuid	optional String	Sonos UUID
model	optional String	Sonos Model
host	optional String	Sonos Hostname/IP
tags	String[]	Tags
meta	Object	Additional Meta Informations
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update
rooms	Integer[]	Rooms Assignment
properties	Object	Properties/Actions
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
value	optional String	Fixed Value
join	optional String	(mremote) Join Type
min	optional Integer	Minimum Value (for UI)
max	optional Integer	Maximum Value (for UI)
internalMin	optional Integer	Minimum Value (Control-wise, Auto Scaling)

Field	Type	Description
internalMax	optional Integer	Maximum Value (Control-wise, Auto Scaling)
maxLength	optional Integer	Maximum Length
valueList	optional Object[]	List of possible Key/Value Pairs
propertiesMeta	Object	Properties/Actions Meta Data
text	String	Text/Description
properties	Object[]	Child Elements
mappings	Object	Mappings/Feedbacks
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
onChange	optional Boolean	Trigger always or just on change Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>
join	optional String	(mremote) Join Type
valueList	optional Object[]	List of possible Key/Value Pairs
mappingsMeta	Object	Mappings/Feedbacks Meta Data
text	String	Text/Description
properties	Object[]	Child Elements

- Success-Response [#success-examples-Components-getComponentsByProfile-0\_2\_11-0]

```
[
  {
    cid: "C0001",
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
    profile: "sonos",
    className: "SONOS",
    subClassName: "",
    capabilities: [],
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    model: "Sonos PLAY:3",
    host: "192.168.1.71",
    tags: ["addedByAPI"],
    meta: {},
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    rooms: [1],
    "properties": {
```



```

"allfavorites": {
  "method": "get",
  "property": "allfavorites",
  "datatype": "null"
},
"allplaylists": {
  "method": "get",
  "property": "allplaylists",
  "datatype": "null"
},
"alltitlesofplaylist": {
  "method": "get",
  "property": "alltitlesofplaylist",
  "datatype": "string"
},
"favoritescovers": {
  "method": "cover",
  "source": "favorites",
  "datatype": "null"
},
"next": {
  "method": "command",
  "command": "next",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"play": {
  "method": "command",
  "command": "play",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"pause": {
  "method": "command",
  "command": "pause",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"playfavorite": {
  "method": "command",
  "command": "playfavorite",
  "datatype": "string"
},
"playlistcovers": {
  "method": "cover",
  "source": "playlist",
  "datatype": "null"
},
"playplaylist": {
  "method": "command",
  "command": "playplaylist",
  "datatype": "string"
},
"prev": {
  "method": "command",
  "command": "prev",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"stop": {
  "method": "command",
  "command": "stop",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"volume": {
  "method": "set",
  "property": "volume",
  "min": 0,
  "max": 100,
  "join": "a",
  "datatype": "int"
}
},
"propertiesMeta": {
  "allfavorites": {
    "text": "Get all favorites",
    "properties": ["allfavorites"]
  }
},

```

```

"allplaylists": {
  "text": "Get all playlists",
  "properties": ["allplaylists"]
},
"alltitlesofplaylist": {
  "text": "Get all titles of a playlist",
  "properties": ["alltitlesofplaylist"]
},
"favoritescovers": {
  "text": "Get favorites covers",
  "properties": ["favoritescovers"]
},
"next": {
  "text": "Play next",
  "properties": ["next"]
},
"play": {
  "text": "Play",
  "properties": ["play"]
},
"playfavorite": {
  "text": "Play favorite",
  "properties": ["playfavorite"]
},
"playlistcovers": {
  "text": "Get playlist covers",
  "properties": ["playlistcovers"]
},
"playplaylist": {
  "text": "Play playlist",
  "properties": ["playplaylist"]
},
"prev": {
  "text": "Play previous",
  "properties": ["prev"]
},
"stop": {
  "text": "Stopp",
  "properties": ["stop"]
},
"volume": {
  "text": "Set Volume",
  "properties": ["volume"]
}
},
"mappings": {
  "ptime": {
    "method": "get",
    "property": "ptime",
    "join": "s",
    "volatile": true,
    "datatype": "string"
  },
  "ctime": {
    "method": "get",
    "property": "ctime",
    "join": "s",
    "datatype": "string"
  },
  "ptimep": {
    "method": "get",
    "property": "ptime",
    "join": "a",
    "volatile": true,
    "datatype": "int"
  },
  "volume": {
    "method": "get",
    "property": "volume",
    "min": 0,
    "max": 100,
    "join": "a",
    "datatype": "int"
  },
  "playerstate": {
    "method": "get",
    "property": "STATE",
    "datatype": "string",
    "valueList": [{
      "text": "Playing",
      "value": "PLAYING"
    }, {
      "text": "Pausiert",
      "value": "PAUSED"
    }
  ]
}
}

```

```

    }, {
        "text": "Gestoppt",
        "value": "STOPPED"
    }
  ]
},
"album": {
  "method": "get",
  "property": "ALBUM",
  "datatype": "string"
},
"allfavorites": {
  "method": "get",
  "property": "ALLFAVORITES",
  "datatype": "stringlist"
},
"allplaylists": {
  "method": "get",
  "property": "ALLPLAYLISTS",
  "datatype": "stringlist"
},
"alltitlesofplaylist": {
  "method": "get",
  "property": "ALLTITLESOFPLAYLIST",
  "datatype": "stringlist"
},
"artist": {
  "method": "get",
  "property": "ARTIST",
  "datatype": "string"
},
"crossfade": {
  "method": "get",
  "property": "CROSSFADE",
  "datatype": "bool"
},
"index": {
  "method": "get",
  "property": "INDEX",
  "datatype": "int"
},
"repeat": {
  "method": "get",
  "property": "REPEAT",
  "datatype": "bool"
},
"shuffle": {
  "method": "get",
  "property": "SHUFFLE",
  "datatype": "bool"
},
"title": {
  "method": "get",
  "property": "TITLE",
  "datatype": "string"
},
"cover": {
  "method": "get",
  "property": "cover",
  "datatype": "base64"
}
},
"mappingsMeta": {
  "ptime": {
    "text": "Current playtime",
    "properties": ["ptime"]
  },
  "ctime": {
    "text": "Entire playtime",
    "properties": ["ctime"]
  },
  "ptimep": {
    "text": "Current playtime (percent)",
    "properties": ["ptimep"]
  },
  "volume": {
    "text": "Volume",
    "properties": ["volume"]
  },
  "playerstate": {
    "text": "Player state",
    "properties": ["playerstate"]
  },
  "album": {
    "text": "Album",

```

```

        "properties": ["album"]
    },
    "allfavorites": {
        "text": "All favorites",
        "properties": ["allfavorites"]
    },
    "allplaylists": {
        "text": "All playlists",
        "properties": ["allplaylists"]
    },
    "alltitlesofplaylist": {
        "text": "All titles of a playlist",
        "properties": ["alltitlesofplaylist"]
    },
    "artist": {
        "text": "Artist",
        "properties": ["artist"]
    },
    "crossfade": {
        "text": "Crossfade",
        "properties": ["crossfade"]
    },
    "index": {
        "text": "Index",
        "properties": ["index"]
    },
    "repeat": {
        "text": "Repeat",
        "properties": ["repeat"]
    },
    "shuffle": {
        "text": "Shuffle",
        "properties": ["shuffle"]
    },
    "title": {
        "text": "Title",
        "properties": ["title"]
    },
    "cover": {
        "text": "Cover",
        "properties": ["cover"]
    }
}
]

```

## Error-Codes

Name	Description
106	Parameter(s) error

- [Error-Response \[#error-examples-Components-getComponentsByProfile-0\\_2\\_11-0\]](#)

```

{
  errorCode: 106,
  errorText: "Parameter(s) error"
}

```

## Components - getComponentsByProfile

Filter components that start with profile.

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
profile	String	Profile name to filter for
sortBy	optional String[]	Sorting Options (see <a href="#">Sorting [#SORTING]</a> for more Informations)

- Example [#parameter-examples-Components-getComponentsByProfile-0\_1\_8-0]
- Sorting Example [#parameter-examples-Components-getComponentsByProfile-0\_1\_8-1]

```
{
  profile: "sonos"
}
```

```
{
  profile: "sonos",
  sortBy: ['name', 'created']
}
```

## Success

Field	Type	Description
cid	String	Component ID
name	String	Component Name
sid	String	System ID
lid	String	Library ID
profile	String	Profile Name
className	String	Class Name
subClassName	String	Subclass Name
capabilities	String[]	Capabilities
engineType	String	Engine Type
version	String	Library Version
uuid	optional String	Sonos UUID
model	optional String	Sonos Model
host	optional String	Sonos Hostname/IP
tags	String[]	Tags
meta	Object	Additional Meta Informations
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update
rooms	Integer[]	Rooms Assignment

- Success-Response [#success-examples-Components-getComponentsByProfile-0\_1\_8-0]

```
[
  {
    cid: "C0001",
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
```

```

    profile: "sonos",
    className: "SONOS",
    subClassName: "",
    capabilities: [],
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    model: "Sonos PLAY:3",
    host: "192.168.1.71",
    tags: ["addedByAPI"],
    meta: {},
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    rooms: [1]
  }
]

```

## Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Components-getComponentsByProfile-0\_1\_8-0]

```

{
  errorCode: 106,
  errorText: "Parameter(s) error"
}

```

## Components - getComponentsByProfile

Get All Components by Profile

EMIT

```
/config
```

### Parameter

Field	Type	Description
profile	String	Profile name to filter for

- Example [#parameter-examples-Components-getComponentsByProfile-0\_1\_6-0]

```

{
  profile: "sonos"
}

```

- Success-Response [#success-examples-Components-getComponentsByProfile-0\_1\_6-0]

```

{
  C0001: {
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
    profile: "sonos",
    className: "SONOS",
    cid: "C0001",
    capabilities: [],
    subClassName: "",
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    host: "192.168.1.71",
    rooms: [1]
  }
}

```

## Error-Codes

Name	Description
------	-------------

106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Components-getComponentsByProfile-0\_1\_6-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Components - getComponentsByProfile

Get All Components by Profile

EMIT

```
/config
```

### Parameter

Field	Type	Description
profile	String	Profile name to filter for

- Example [#parameter-examples-Components-getComponentsByProfile-0\_1\_5-0]

```
{
  profile: "sonos"
}
```

- Success-Response [#success-examples-Components-getComponentsByProfile-0\_1\_5-0]

```
{
  C0001: {
    name: "Sonos Office",
    sid: "NS123456789",
    profile: "sonos",
    className: "SONOS",
    cid: "C0001",
    capabilities: [],
    subClassName: "",
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    host: "192.168.1.71",
    rooms: [1]
  }
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Components-getComponentsByProfile-0\_1\_5-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Components - getComponentsByProfile

Get All Components by Profile

EMIT

```
/config
```

### Parameter

Field	Type	Description
profile	String	Profile name to filter for

- Example [#parameter-examples-Components-getComponentsByProfile-0\_1\_0-0]

```
{
  profile: "sonos"
}
```

- Success-Response [#success-examples-Components-getComponentsByProfile-0\_1\_0-0]

```
{
  C0001: {
    name: "Sonos Office",
    sid: "NS123456789",
    profile: "sonos",
    className: "SONOS",
    cid: "C0001",
    capabilities: [],
    subClassName: "",
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    host: "192.168.1.71",
    rooms: [1]
  }
}
```

## Components - getComponentsByRoom

Get Components by Room

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
room	Integer	Room ID to filter for
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)
filterOutTag	optional String/String[]	Tags to filter out

- Example [#parameter-examples-Components-getComponentsByRoom-0\_2\_14-0]
- Sorting Example [#parameter-examples-Components-getComponentsByRoom-0\_2\_14-1]

```
{
  room: 1
}
```

```
{
  room: 1,
  sortBy: ['name', 'created']
}
```



**Success**

Field		Type	Description
cid		String	Component ID
name		String	Component Name
sid		String	System ID
lid		String	Library ID
profile		String	Profile Name
className		String	Class Name
subClassName		String	Subclass Name
capabilities		String[]	Capabilities
engineType		String	Engine Type
version		String	Library Version
uuid	optional	String	Sonos UUID
model	optional	String	Sonos Model
host	optional	String	Sonos Hostname/IP
tags		String[]	Tags
meta		Object	Additional Meta Informations
created		String	Timestamp Created
lastUpdate		String	Timestamp Last Update
rooms		Integer[]	Rooms Assignment
properties		Object	Properties/Actions
sizeInBit		Integer	Size in Bit
datatype		String	Datatype (see Data Types [#DATATYPES] for more Informations)
method		String	Method
property		String	Property Name
value	optional	String	Fixed Value
join	optional	String	(mremote) Join Type

Field		Type	Description
min	optional	Integer	Minimum Value (for UI)
max	optional	Integer	Maximum Value (for UI)
internalMin	optional	Integer	Minimum Value (Control-wise, Auto Scaling)
internalMax	optional	Integer	Maximum Value (Control-wise, Auto Scaling)
maxLength	optional	Integer	Maximum Length
valueList	optional	Object[]	List of possible Key/Value Pairs
propertiesMeta		Object	Properties/Actions Meta Data
text		String	Text/Description
properties		Object[]	Child Elements
mappings		Object	Mappings/Feedbacks
sizeInBit		Integer	Size in Bit
datatype		String	Datatype (see Data Types [#DATATYPES] for more Informations)
method		String	Method
property		String	Property Name
onChange	optional	Boolean	Trigger always or just on change Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>
join	optional	String	(mremote) Join Type
valueList	optional	Object[]	List of possible Key/Value Pairs
mappingsMeta		Object	Mappings/Feedbacks Meta Data
text		String	Text/Description
properties		Object[]	Child Elements

- Success-Response [#success-examples-Components-getComponentsByRoom-0\_2\_14-0]

```
[
  {
    cid: "C0001",
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
    profile: "sonos",
    className: "SONOS",
    subClassName: "",
    capabilities: [],
    engineType: "SONOS",
    version: "1.0",
```

```

uuid: "uuid:RINCON_123456789_MR",
model: "Sonos PLAY:3",
host: "192.168.1.71",
tags: ["addedByAPI"],
meta: {},
created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
rooms: [1],
"properties": {
  "allfavorites": {
    "method": "get",
    "property": "allfavorites",
    "datatype": "null"
  },
  "allplaylists": {
    "method": "get",
    "property": "allplaylists",
    "datatype": "null"
  },
  "alltitlesofplaylist": {
    "method": "get",
    "property": "alltitlesofplaylist",
    "datatype": "string"
  },
  "favoritescovers": {
    "method": "cover",
    "source": "favorites",
    "datatype": "null"
  },
  "next": {
    "method": "command",
    "command": "next",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "play": {
    "method": "command",
    "command": "play",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "pause": {
    "method": "command",
    "command": "pause",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "playfavorite": {
    "method": "command",
    "command": "playfavorite",
    "datatype": "string"
  },
  "playlistcovers": {
    "method": "cover",
    "source": "playlist",
    "datatype": "null"
  },
  "playplaylist": {
    "method": "command",
    "command": "playplaylist",
    "datatype": "string"
  },
  "prev": {
    "method": "command",
    "command": "prev",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "stop": {
    "method": "command",
    "command": "stop",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "volume": {
    "method": "set",
    "property": "volume",
    "min": 0,
    "max": 100,

```

```

        "join": "a",
        "datatype": "int"
    },
    },
    "propertiesMeta": {
    "allfavorites": {
        "text": "Get all favorites",
        "properties": ["allfavorites"]
    },
    },
    "allplaylists": {
        "text": "Get all playlists",
        "properties": ["allplaylists"]
    },
    },
    "alltitlesofplaylist": {
        "text": "Get all titles of a playlist",
        "properties": ["alltitlesofplaylist"]
    },
    },
    "favoritescovers": {
        "text": "Get favorites covers",
        "properties": ["favoritescovers"]
    },
    },
    "next": {
        "text": "Play next",
        "properties": ["next"]
    },
    },
    "play": {
        "text": "Play",
        "properties": ["play"]
    },
    },
    "playfavorite": {
        "text": "Play favorite",
        "properties": ["playfavorite"]
    },
    },
    "playlistcovers": {
        "text": "Get playlist covers",
        "properties": ["playlistcovers"]
    },
    },
    "playplaylist": {
        "text": "Play playlist",
        "properties": ["playplaylist"]
    },
    },
    "prev": {
        "text": "Play previous",
        "properties": ["prev"]
    },
    },
    "stop": {
        "text": "Stopp",
        "properties": ["stop"]
    },
    },
    "volume": {
        "text": "Set Volume",
        "properties": ["volume"]
    }
    },
    "mappings": {
    "ptime": {
        "method": "get",
        "property": "ptime",
        "join": "s",
        "volatile": true,
        "datatype": "string"
    },
    },
    "ctime": {
        "method": "get",
        "property": "ctime",
        "join": "s",
        "datatype": "string"
    },
    },
    "ptimep": {
        "method": "get",
        "property": "ptime",
        "join": "a",
        "volatile": true,
        "datatype": "int"
    },
    },
    "volume": {
        "method": "get",
        "property": "volume",
        "min": 0,
        "max": 100,
        "join": "a",
        "datatype": "int"
    },
    },
    "playerstate": {

```

```

    "method": "get",
    "property": "STATE",
    "datatype": "string",
    "valueList": [{
      "text": "Playing",
      "value": "PLAYING"
    }, {
      "text": "Pausiert",
      "value": "PAUSED"
    }, {
      "text": "Gestoppt",
      "value": "STOPPED"
    }]
  },
  "album": {
    "method": "get",
    "property": "ALBUM",
    "datatype": "string"
  },
  "allfavorites": {
    "method": "get",
    "property": "ALLFAVORITES",
    "datatype": "stringlist"
  },
  "allplaylists": {
    "method": "get",
    "property": "ALLPLAYLISTS",
    "datatype": "stringlist"
  },
  "alltitlesofplaylist": {
    "method": "get",
    "property": "ALLTITLESOFPLAYLIST",
    "datatype": "stringlist"
  },
  "artist": {
    "method": "get",
    "property": "ARTIST",
    "datatype": "string"
  },
  "crossfade": {
    "method": "get",
    "property": "CROSSFADE",
    "datatype": "bool"
  },
  "index": {
    "method": "get",
    "property": "INDEX",
    "datatype": "int"
  },
  "repeat": {
    "method": "get",
    "property": "REPEAT",
    "datatype": "bool"
  },
  "shuffle": {
    "method": "get",
    "property": "SHUFFLE",
    "datatype": "bool"
  },
  "title": {
    "method": "get",
    "property": "TITLE",
    "datatype": "string"
  },
  "cover": {
    "method": "get",
    "property": "cover",
    "datatype": "base64"
  }
},
"mappingsMeta": {
  "ptime": {
    "text": "Current playtime",
    "properties": ["ptime"]
  },
  "ctime": {
    "text": "Entire playtime",
    "properties": ["ctime"]
  },
  "ptimep": {
    "text": "Current playtime (percent)",
    "properties": ["ptimep"]
  },
  "volume": {

```

```

        "text": "Volume",
        "properties": ["volume"]
    },
    "playerstate": {
        "text": "Player state",
        "properties": ["playerstate"]
    },
    "album": {
        "text": "Album",
        "properties": ["album"]
    },
    "allfavorites": {
        "text": "All favorites",
        "properties": ["allfavorites"]
    },
    "allplaylists": {
        "text": "All playlists",
        "properties": ["allplaylists"]
    },
    "alltitlesofplaylist": {
        "text": "All titles of a playlist",
        "properties": ["alltitlesofplaylist"]
    },
    "artist": {
        "text": "Artist",
        "properties": ["artist"]
    },
    "crossfade": {
        "text": "Crossfade",
        "properties": ["crossfade"]
    },
    "index": {
        "text": "Index",
        "properties": ["index"]
    },
    "repeat": {
        "text": "Repeat",
        "properties": ["repeat"]
    },
    "shuffle": {
        "text": "Shuffle",
        "properties": ["shuffle"]
    },
    "title": {
        "text": "Title",
        "properties": ["title"]
    },
    "cover": {
        "text": "Cover",
        "properties": ["cover"]
    }
}
}
]

```

### Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Components-getComponentsByRoom-0\_2\_14-0]

```

{
  errorCode: 106,
  errorText: "Parameter(s) error"
}

```

## Components - getComponentsByRoom

Get Components by Room

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
room	Integer	Room ID to filter for
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Example [#parameter-examples-Components-getComponentsByRoom-0\_2\_11-0]
- Sorting Example [#parameter-examples-Components-getComponentsByRoom-0\_2\_11-1]

```
{
  room: 1
}
```

```
{
  room: 1,
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
cid	String	Component ID
name	String	Component Name
sid	String	System ID
lid	String	Library ID
profile	String	Profile Name
className	String	Class Name
subClassName	String	Subclass Name
capabilities	String[]	Capabilities
engineType	String	Engine Type
version	String	Library Version
uuid	optional String	Sonos UUID
model	optional String	Sonos Model
host	optional String	Sonos Hostname/IP
tags	String[]	Tags
meta	Object	Additional Meta Informations
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update

Field	Type	Description
rooms	Integer[]	Rooms Assignment
properties	Object	Properties/Actions
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
value	optional String	Fixed Value
join	optional String	(mremote) Join Type
min	optional Integer	Minimum Value (for UI)
max	optional Integer	Maximum Value (for UI)
internalMin	optional Integer	Minimum Value (Control-wise, Auto Scaling)
internalMax	optional Integer	Maximum Value (Control-wise, Auto Scaling)
maxLength	optional Integer	Maximum Length
valueList	optional Object[]	List of possible Key/Value Pairs
propertiesMeta	Object	Properties/Actions Meta Data
text	String	Text/Description
properties	Object[]	Child Elements
mappings	Object	Mappings/Feedbacks
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
onChange	optional Boolean	Trigger always or just on change Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>
join	optional String	(mremote) Join Type
valueList	optional Object[]	List of possible Key/Value Pairs



Field	Type	Description
mappingsMeta	Object	Mappings/Feedbacks Meta Data
text	String	Text/Description
properties	Object[]	Child Elements

- Success-Response [#success-examples-Components-getComponentsByRoom-0\_2\_11-0]

```
[
  {
    cid: "C0001",
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
    profile: "sonos",
    className: "SONOS",
    subClassName: "",
    capabilities: [],
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    model: "Sonos PLAY:3",
    host: "192.168.1.71",
    tags: ["addedByAPI"],
    meta: {},
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    rooms: [1],
    "properties": {
      "allfavorites": {
        "method": "get",
        "property": "allfavorites",
        "datatype": "null"
      },
      "allplaylists": {
        "method": "get",
        "property": "allplaylists",
        "datatype": "null"
      },
      "alltitlesofplaylist": {
        "method": "get",
        "property": "alltitlesofplaylist",
        "datatype": "string"
      },
      "favoritescovers": {
        "method": "cover",
        "source": "favorites",
        "datatype": "null"
      },
      "next": {
        "method": "command",
        "command": "next",
        "value": 1,
        "join": "d",
        "datatype": "null"
      },
      "play": {
        "method": "command",
        "command": "play",
        "value": 1,
        "join": "d",
        "datatype": "null"
      },
      "pause": {
        "method": "command",
        "command": "pause",
        "value": 1,
        "join": "d",
        "datatype": "null"
      },
      "playfavorite": {
        "method": "command",
        "command": "playfavorite",
        "datatype": "string"
      },
      "playlistcovers": {
        "method": "cover",
        "source": "playlist",

```

```

        "datatype": "null"
    },
    "playplaylist": {
        "method": "command",
        "command": "playplaylist",
        "datatype": "string"
    },
    "prev": {
        "method": "command",
        "command": "prev",
        "value": 1,
        "join": "d",
        "datatype": "null"
    },
    "stop": {
        "method": "command",
        "command": "stop",
        "value": 1,
        "join": "d",
        "datatype": "null"
    },
    "volume": {
        "method": "set",
        "property": "volume",
        "min": 0,
        "max": 100,
        "join": "a",
        "datatype": "int"
    }
},
"propertiesMeta": {
    "allfavorites": {
        "text": "Get all favorites",
        "properties": ["allfavorites"]
    },
    "allplaylists": {
        "text": "Get all playlists",
        "properties": ["allplaylists"]
    },
    "alltitlesofplaylist": {
        "text": "Get all titles of a playlist",
        "properties": ["alltitlesofplaylist"]
    },
    "favoritescovers": {
        "text": "Get favorites covers",
        "properties": ["favoritescovers"]
    },
    "next": {
        "text": "Play next",
        "properties": ["next"]
    },
    "play": {
        "text": "Play",
        "properties": ["play"]
    },
    "playfavorite": {
        "text": "Play favorite",
        "properties": ["playfavorite"]
    },
    "playlistcovers": {
        "text": "Get playlist covers",
        "properties": ["playlistcovers"]
    },
    "playplaylist": {
        "text": "Play playlist",
        "properties": ["playplaylist"]
    },
    "prev": {
        "text": "Play previous",
        "properties": ["prev"]
    },
    "stop": {
        "text": "Stopp",
        "properties": ["stop"]
    },
    "volume": {
        "text": "Set Volume",
        "properties": ["volume"]
    }
},
"mappings": {
    "ptime": {
        "method": "get",
        "property": "ptime",

```

```

        "join": "s",
        "volatile": true,
        "datatype": "string"
    },
    "ctime": {
        "method": "get",
        "property": "ctime",
        "join": "s",
        "datatype": "string"
    },
    "ptimep": {
        "method": "get",
        "property": "ptime",
        "join": "a",
        "volatile": true,
        "datatype": "int"
    },
    "volume": {
        "method": "get",
        "property": "volume",
        "min": 0,
        "max": 100,
        "join": "a",
        "datatype": "int"
    },
    "playerstate": {
        "method": "get",
        "property": "STATE",
        "datatype": "string",
        "valueList": [{
            "text": "Playing",
            "value": "PLAYING"
        }, {
            "text": "Pausiert",
            "value": "PAUSED"
        }, {
            "text": "Gestoppt",
            "value": "STOPPED"
        }
    ]
    },
    "album": {
        "method": "get",
        "property": "ALBUM",
        "datatype": "string"
    },
    "allfavorites": {
        "method": "get",
        "property": "ALLFAVORITES",
        "datatype": "stringlist"
    },
    "allplaylists": {
        "method": "get",
        "property": "ALLPLAYLISTS",
        "datatype": "stringlist"
    },
    "alltitlesofplaylist": {
        "method": "get",
        "property": "ALLTITLESOFPLAYLIST",
        "datatype": "stringlist"
    },
    "artist": {
        "method": "get",
        "property": "ARTIST",
        "datatype": "string"
    },
    "crossfade": {
        "method": "get",
        "property": "CROSSFADE",
        "datatype": "bool"
    },
    "index": {
        "method": "get",
        "property": "INDEX",
        "datatype": "int"
    },
    "repeat": {
        "method": "get",
        "property": "REPEAT",
        "datatype": "bool"
    },
    "shuffle": {
        "method": "get",
        "property": "SHUFFLE",
        "datatype": "bool"
    }

```

```

    },
    "title": {
      "method": "get",
      "property": "TITLE",
      "datatype": "string"
    },
    "cover": {
      "method": "get",
      "property": "cover",
      "datatype": "base64"
    }
  },
  "mappingsMeta": {
    "ptime": {
      "text": "Current playtime",
      "properties": ["ptime"]
    },
    "ctime": {
      "text": "Entire playtime",
      "properties": ["ctime"]
    },
    "ptimep": {
      "text": "Current playtime (percent)",
      "properties": ["ptimep"]
    },
    "volume": {
      "text": "Volume",
      "properties": ["volume"]
    },
    "playerstate": {
      "text": "Player state",
      "properties": ["playerstate"]
    },
    "album": {
      "text": "Album",
      "properties": ["album"]
    },
    "allfavorites": {
      "text": "All favorites",
      "properties": ["allfavorites"]
    },
    "allplaylists": {
      "text": "All playlists",
      "properties": ["allplaylists"]
    },
    "alltitlesofplaylist": {
      "text": "All titles of a playlist",
      "properties": ["alltitlesofplaylist"]
    },
    "artist": {
      "text": "Artist",
      "properties": ["artist"]
    },
    "crossfade": {
      "text": "Crossfade",
      "properties": ["crossfade"]
    },
    "index": {
      "text": "Index",
      "properties": ["index"]
    },
    "repeat": {
      "text": "Repeat",
      "properties": ["repeat"]
    },
    "shuffle": {
      "text": "Shuffle",
      "properties": ["shuffle"]
    },
    "title": {
      "text": "Title",
      "properties": ["title"]
    },
    "cover": {
      "text": "Cover",
      "properties": ["cover"]
    }
  }
}
]

```

## Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Components-getComponentsByRoom-0\_2\_11-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Components - getComponentsByRoom

Get Components by Room

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
room	Integer	Room ID to filter for
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Example [#parameter-examples-Components-getComponentsByRoom-0\_1\_8-0]
- Sorting Example [#parameter-examples-Components-getComponentsByRoom-0\_1\_8-1]

```
{
  room: 1
}
```

```
{
  room: 1,
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
cid	String	Component ID
name	String	Component Name
sid	String	System ID
lid	String	Library ID
profile	String	Profile Name
className	String	Class Name
subClassName	String	Subclass Name
capabilities	String[]	Capabilities
engineType	String	Engine Type

Field	Type	Description
version	String	Library Version
uuid	optional String	Sonos UUID
model	optional String	Sonos Model
host	optional String	Sonos Hostname/IP
tags	String[]	Tags
meta	Object	Additional Meta Informations
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update
rooms	Integer[]	Rooms Assignment

- Success-Response [#success-examples-Components-getComponentsByRoom-0\_1\_8-0]

```
[
  {
    cid: "C0001",
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
    profile: "sonos",
    className: "SONOS",
    subClassName: "",
    capabilities: [],
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    model: "Sonos PLAY:3",
    host: "192.168.1.71",
    tags: ["addedByAPI"],
    meta: {},
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    rooms: [1]
  }
]
```

### Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Components-getComponentsByRoom-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Components - getComponentsByRoom

Get All Components by Room

EMIT

```
/config
```

**Parameter**

Field	Type	Description
room	Integer	Room ID to filter for

- Example [#parameter-examples-Components-getComponentsByRoom-0\_1\_6-0]

```
{
  room: 1
}
```

- Success-Response [#success-examples-Components-getComponentsByRoom-0\_1\_6-0]

```
{
  C0001: {
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
    profile: "sonos",
    className: "SONOS",
    cid: "C0001",
    capabilities: [],
    subClassName: "",
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    host: "192.168.1.71",
    rooms: [1]
  }
}
```

**Error-Codes**

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Components-getComponentsByRoom-0\_1\_6-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

**Components - getComponentsByRoom**

Get All Components by Room

EMIT

```
/config
```

**Parameter**

Field	Type	Description
room	Integer	Room ID to filter for

- Example [#parameter-examples-Components-getComponentsByRoom-0\_1\_5-0]

```
{
  room: 1
}
```

- Success-Response [#success-examples-Components-getComponentsByRoom-0\_1\_5-0]

```
{
  C0001: {
    name: "Sonos Office",
    sid: "NS123456789",
    profile: "sonos",
    className: "SONOS",
    cid: "C0001",
    capabilities: [],
    subClassName: "",
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    host: "192.168.1.71",
    rooms: [1]
  }
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Components-getComponentsByRoom-0\_1\_5-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Components - getComponentsByRoom

Get All Components by Room

EMIT

```
/config
```

### Parameter

Field	Type	Description
room	String	Room ID to filter for

- Example [#parameter-examples-Components-getComponentsByRoom-0\_1\_0-0]

```
{
  room: 1
}
```

- Success-Response [#success-examples-Components-getComponentsByRoom-0\_1\_0-0]

```
{
  C0001: {
    name: "Sonos Office",
    sid: "NS123456789",
    profile: "sonos",
    className: "SONOS",
    cid: "C0001",
    capabilities: [],
    subClassName: "",
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    host: "192.168.1.71",
    rooms: [1]
  }
}
```



## Components - getComponentsByTag

Get Components by Tag(s)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
tags	String/String[]	Tag(s)
sortBy <span style="float: right;">optional</span>	String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Example [#parameter-examples-Components-getComponentsByTag-0\_2\_11-0]
- Sorting Example [#parameter-examples-Components-getComponentsByTag-0\_2\_11-1]

```
{
  tags: "TestTag"
}
```

```
{
  tags: "TestTag",
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
cid	String	Component ID
name	String	Component Name
sid	String	System ID
lid	String	Library ID
profile	String	Profile Name
className	String	Class Name
subClassName	String	Subclass Name
capabilities	String[]	Capabilities
engineType	String	Engine Type
version	String	Library Version
uuid <span style="float: right;">optional</span>	String	Sonos UUID
model <span style="float: right;">optional</span>	String	Sonos Model
host <span style="float: right;">optional</span>	String	Sonos Hostname/IP
tags	String[]	Tags

Field	Type	Description
meta	Object	Additional Meta Informations
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update
rooms	Integer[]	Rooms Assignment
properties	Object	Properties/Actions
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
value	optional String	Fixed Value
join	optional String	(mremote) Join Type
min	optional Integer	Minimum Value (for UI)
max	optional Integer	Maximum Value (for UI)
internalMin	optional Integer	Minimum Value (Control-wise, Auto Scaling)
internalMax	optional Integer	Maximum Value (Control-wise, Auto Scaling)
maxLength	optional Integer	Maximum Length
valueList	optional Object[]	List of possible Key/Value Pairs
propertiesMeta	Object	Properties/Actions Meta Data
text	String	Text/Description
properties	Object[]	Child Elements
mappings	Object	Mappings/Feedbacks
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name

Field	Type	Description
onChange	optional	Boolean Trigger always or just on change Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>
join	optional	String (mremote) Join Type
valueList	optional	Object[] List of possible Key/Value Pairs
mappingsMeta	Object	Mappings/Feedbacks Meta Data
text	String	Text/Description
properties	Object[]	Child Elements

- Success-Response [#success-examples-Components-getComponentsByTag-0\_2\_11-0]

```
[
  {
    cid: "C0001",
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
    profile: "sonos",
    className: "SONOS",
    subClassName: "",
    capabilities: [],
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    model: "Sonos PLAY:3",
    host: "192.168.1.71",
    tags: ["addedByAPI", "TestTag"],
    meta: {},
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    rooms: [1],
    "properties": {
      "allfavorites": {
        "method": "get",
        "property": "allfavorites",
        "datatype": "null"
      },
      "allplaylists": {
        "method": "get",
        "property": "allplaylists",
        "datatype": "null"
      },
      "alltitlesofplaylist": {
        "method": "get",
        "property": "alltitlesofplaylist",
        "datatype": "string"
      },
      "favoritescovers": {
        "method": "cover",
        "source": "favorites",
        "datatype": "null"
      },
      "next": {
        "method": "command",
        "command": "next",
        "value": 1,
        "join": "d",
        "datatype": "null"
      },
      "play": {
        "method": "command",
        "command": "play",
        "value": 1,
        "join": "d",
        "datatype": "null"
      },
      "pause": {
```

```

        "method": "command",
        "command": "pause",
        "value": 1,
        "join": "d",
        "datatype": "null"
    },
    "playfavorite": {
        "method": "command",
        "command": "playfavorite",
        "datatype": "string"
    },
    "playlistcovers": {
        "method": "cover",
        "source": "playlist",
        "datatype": "null"
    },
    "playplaylist": {
        "method": "command",
        "command": "playplaylist",
        "datatype": "string"
    },
    "prev": {
        "method": "command",
        "command": "prev",
        "value": 1,
        "join": "d",
        "datatype": "null"
    },
    "stop": {
        "method": "command",
        "command": "stop",
        "value": 1,
        "join": "d",
        "datatype": "null"
    },
    "volume": {
        "method": "set",
        "property": "volume",
        "min": 0,
        "max": 100,
        "join": "a",
        "datatype": "int"
    }
},
"propertiesMeta": {
  "allfavorites": {
    "text": "Get all favorites",
    "properties": ["allfavorites"]
  },
  "allplaylists": {
    "text": "Get all playlists",
    "properties": ["allplaylists"]
  },
  "alltitlesofplaylist": {
    "text": "Get all titles of a playlist",
    "properties": ["alltitlesofplaylist"]
  },
  "favoritescovers": {
    "text": "Get favorites covers",
    "properties": ["favoritescovers"]
  },
  "next": {
    "text": "Play next",
    "properties": ["next"]
  },
  "play": {
    "text": "Play",
    "properties": ["play"]
  },
  "playfavorite": {
    "text": "Play favorite",
    "properties": ["playfavorite"]
  },
  "playlistcovers": {
    "text": "Get playlist covers",
    "properties": ["playlistcovers"]
  },
  "playplaylist": {
    "text": "Play playlist",
    "properties": ["playplaylist"]
  },
  "prev": {
    "text": "Play previous",
    "properties": ["prev"]
  }
}

```

```

},
"stop": {
  "text": "Stopp",
  "properties": ["stop"]
},
"volume": {
  "text": "Set Volume",
  "properties": ["volume"]
}
},
"mappings": {
  "ptime": {
    "method": "get",
    "property": "ptime",
    "join": "s",
    "volatile": true,
    "datatype": "string"
  },
  "ctime": {
    "method": "get",
    "property": "ctime",
    "join": "s",
    "datatype": "string"
  },
  "ptimep": {
    "method": "get",
    "property": "ptime",
    "join": "a",
    "volatile": true,
    "datatype": "int"
  },
  "volume": {
    "method": "get",
    "property": "volume",
    "min": 0,
    "max": 100,
    "join": "a",
    "datatype": "int"
  },
  "playerstate": {
    "method": "get",
    "property": "STATE",
    "datatype": "string",
    "valueList": [
      {
        "text": "Playing",
        "value": "PLAYING"
      },
      {
        "text": "Pausiert",
        "value": "PAUSED"
      },
      {
        "text": "Gestoppt",
        "value": "STOPPED"
      }
    ]
  },
  "album": {
    "method": "get",
    "property": "ALBUM",
    "datatype": "string"
  },
  "allfavorites": {
    "method": "get",
    "property": "ALLFAVORITES",
    "datatype": "stringlist"
  },
  "allplaylists": {
    "method": "get",
    "property": "ALLPLAYLISTS",
    "datatype": "stringlist"
  },
  "alltitlesofplaylist": {
    "method": "get",
    "property": "ALLTITLESOFPLAYLIST",
    "datatype": "stringlist"
  },
  "artist": {
    "method": "get",
    "property": "ARTIST",
    "datatype": "string"
  },
  "crossfade": {
    "method": "get",
    "property": "CROSSFADE",
    "datatype": "bool"
  },
},

```

```

"index": {
  "method": "get",
  "property": "INDEX",
  "datatype": "int"
},
"repeat": {
  "method": "get",
  "property": "REPEAT",
  "datatype": "bool"
},
"shuffle": {
  "method": "get",
  "property": "SHUFFLE",
  "datatype": "bool"
},
"title": {
  "method": "get",
  "property": "TITLE",
  "datatype": "string"
},
"cover": {
  "method": "get",
  "property": "cover",
  "datatype": "base64"
}
},
"mappingsMeta": {
  "ptime": {
    "text": "Current playtime",
    "properties": ["ptime"]
  },
  "ctime": {
    "text": "Entire playtime",
    "properties": ["ctime"]
  },
  "ptimep": {
    "text": "Current playtime (percent)",
    "properties": ["ptimep"]
  },
  "volume": {
    "text": "Volume",
    "properties": ["volume"]
  },
  "playerstate": {
    "text": "Player state",
    "properties": ["playerstate"]
  },
  "album": {
    "text": "Album",
    "properties": ["album"]
  },
  "allfavorites": {
    "text": "All favorites",
    "properties": ["allfavorites"]
  },
  "allplaylists": {
    "text": "All playlists",
    "properties": ["allplaylists"]
  },
  "alltitlesofplaylist": {
    "text": "All titles of a playlist",
    "properties": ["alltitlesofplaylist"]
  },
  "artist": {
    "text": "Artist",
    "properties": ["artist"]
  },
  "crossfade": {
    "text": "Crossfade",
    "properties": ["crossfade"]
  },
  "index": {
    "text": "Index",
    "properties": ["index"]
  },
  "repeat": {
    "text": "Repeat",
    "properties": ["repeat"]
  },
  "shuffle": {
    "text": "Shuffle",
    "properties": ["shuffle"]
  },
  "title": {

```

```

        "text": "Title",
        "properties": ["title"]
    },
    "cover": {
        "text": "Cover",
        "properties": ["cover"]
    }
}
]

```

## Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Components-getComponentsByTag-0\_2\_11-0]

```

{
  errorCode: 106,
  errorText: "Parameter(s) error"
}

```

## Components - getComponentsByTag

Get Components by Tag(s)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
tags	String/String[]	Tag(s)
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Example [#parameter-examples-Components-getComponentsByTag-0\_1\_8-0]
- Sorting Example [#parameter-examples-Components-getComponentsByTag-0\_1\_8-1]

```

{
  tags: "TestTag"
}

```

```

{
  tags: "TestTag",
  sortBy: ['name', 'created']
}

```

### Success

Field	Type	Description
cid	String	Component ID
name	String	Component Name
sid	String	System ID
lid	String	Library ID
profile	String	Profile Name

Field	Type	Description
className	String	Class Name
subClassName	String	Subclass Name
capabilities	String[]	Capabilities
engineType	String	Engine Type
version	String	Library Version
uuid	optional String	Sonos UUID
model	optional String	Sonos Model
host	optional String	Sonos Hostname/IP
tags	String[]	Tags
meta	Object	Additional Meta Informations
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update
rooms	Integer[]	Rooms Assignment

- Success-Response [#success-examples-Components-getComponentsByTag-0\_1\_8-0]

```
[
  {
    cid: "C0001",
    name: "Sonos Office",
    sid: "NS123456789",
    lid: "sonos.default",
    profile: "sonos",
    className: "SONOS",
    subClassName: "",
    capabilities: [],
    engineType: "SONOS",
    version: "1.0",
    uuid: "uuid:RINCON_123456789_MR",
    model: "Sonos PLAY:3",
    host: "192.168.1.71",
    tags: ["addedByAPI", "TestTag"],
    meta: {},
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    rooms: [1]
  }
]
```

## Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Components-getComponentsByTag-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```



## Components - onComponentAdded

Update Event when a new Component was added

ON/EVENT

/api/v1

### Success

Field	Type	Description
cid	String	Component ID

- Success-Response [#success-examples-Components-onComponentAdded-0\_1\_8-0]

```
{
  cid: "C10"
}
```

## Components - onComponentAdded

Update Event when a new Component was added

ON/EVENT

/config

### Parameter

Field	Type	Description
cid	String	Component ID
error	Boolean	true   false Error occured

- Example [#parameter-examples-Components-onComponentAdded-0\_1\_0-0]

```
{
  cid: "C10",
  error: false
}
```

## Components - onComponentAttached

Update Event when a Component was attached to a Room

ON/EVENT

/api/v1

### Success

Field	Type	Description
cid	String	Component ID
room	Integer	Room ID

- Success-Response [#success-examples-Components-onComponentAttached-0\_1\_8-0]

```
{
  cid: "C10",
  room: 1
}
```

## Components - onComponentDetached

Update Event when a Component was detached from a Room

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
cid	String	Component ID
room	Integer	Room ID

- Success-Response [#success-examples-Components-onComponentDetached-0\_1\_8-0]

```
{
  cid: "C10",
  room: 1
}
```

## Components - onComponentNameChange

Update Event when a Component Name was changed

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
cid	String	Component ID
name	String	Component Name

- Success-Response [#success-examples-Components-onComponentNameChange-0\_2\_0-0]

```
{
  cid: "C10",
  name: "Test"
}
```

## Components - onComponentRemoved

Update Event when a Component was removed

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
-------	------	-------------

cid	String	Component ID
-----	--------	--------------

- Success-Response [#success-examples-Components-onComponentRemoved-0\_2\_14-0]

```
{
  cid: "C10"
}
```

## Components - onComponentUpdate

Update Event when a Component was updated

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
Array	Object[]	with Component Objects
Object	Object	Component Object
cid	String	Component ID
property	String	Property Name
content	String/Boolean	Content
value	optional Integer/Float/Boolean	Value in correct Data Type
unit	optional String	Unit of Value

- Success-Response Example 1 [#success-examples-Components-onComponentUpdate-0\_2\_11-0]
- Success-Response Example 2 [#success-examples-Components-onComponentUpdate-0\_2\_11-1]

```
[
  {
    cid: "C3",
    property: "artist",
    content: "AC/DC"
  }
]
```

```
[
  {
    cid: "C5",
    property: "electric",
    content: "55.52 W",
    value: 55.52,
    unit: "W"
  }
]
```

## Components - onComponentUpdate

Update Event when a Component was updated

ON/EVENT

```
/api/v1
```

**Success**

Field	Type	Description
Array	Object[]	with Component Objects
Object	Object	Component Object
cid	String	Component ID
property	String	Property Name
content	String	Content

- Success-Response [#success-examples-Components-onComponentUpdate-0\_1\_8-0]

```
[
  {
    cid: "C3",
    property: "artist",
    content: "AC/DC"
  }
]
```

**Components - removeComponent**

Remove a Component

EMIT

/api/v1

**Parameter**

Field	Type	Description
cid	String	Component ID to remove
force	optional Boolean	Force to remove Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>

- Example [#parameter-examples-Components-removeComponent-0\_2\_0-0]

```
{
  cid: "C10"
}
```

- Success-Response [#success-examples-Components-removeComponent-0\_2\_0-0]

true

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

Name	Description
121	Dependency error

- Error-Response 1 [#error-examples-Components-removeComponent-0\_2\_0-0]
- Error-Response 2 [#error-examples-Components-removeComponent-0\_2\_0-1]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

```
{
  errorCode: 121,
  errorText: "Dependency error",
  dependencies: {events: ["E10", "E11"], scenes: []}
}
```

## Components - removeComponent

Remove a Component

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID to remove
force	optional Boolean	Force to remove Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>

- Example [#parameter-examples-Components-removeComponent-0\_1\_9-0]

```
{
  cid: "C10"
}
```

- Success-Response [#success-examples-Components-removeComponent-0\_1\_9-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
121	Dependency error

- Error-Response 1 [#error-examples-Components-removeComponent-0\_1\_9-0]
- Error-Response 2 [#error-examples-Components-removeComponent-0\_1\_9-1]

```
{
  errorCode: 112,
}
```

```

    errorText: "Not found"
  }

```

```

{
  errorCode: 121,
  errorText: "Dependency error",
  dependencies: {events: ["E10", "E11"], scenes: []}
}

```

## Components - removeComponent

Remove a Component

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID to remove
force	Boolean	Force to remove Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>

- Example [#parameter-examples-Components-removeComponent-0\_1\_8-0]

```

{
  cid: "C10"
}

```

- Success-Response [#success-examples-Components-removeComponent-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
121	Dependency error

- Error-Response 1 [#error-examples-Components-removeComponent-0\_1\_8-0]
- Error-Response 2 [#error-examples-Components-removeComponent-0\_1\_8-1]

```

{
  errorCode: 112,
  errorText: "Not found"
}

```

```

{
  errorCode: 121,
  errorText: "Events dependency error",
  dependencies: ["E10", "E11"]
}

```

## Components - removeComponent

Remove a Component

EMIT

```
/config
```

### Parameter

Field	Type	Description
cid	String	Component ID to remove
force	optional Boolean	Force to remove Default value: false

- Example [#parameter-examples-Components-removeComponent-0\_1\_5-0]

```
{
  cid: "C10"
}
```

- Success-Response [#success-examples-Components-removeComponent-0\_1\_5-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Components-removeComponent-0\_1\_5-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Components - removeComponent

Remove a Component

EMIT

```
/config
```

### Parameter

Field	Type	Description
cid	String	Component ID to remove
force	optional Boolean	Force to remove Default value: false

- Example [#parameter-examples-Components-removeComponent-0\_1\_0-0]

```
{
  cid: "C10"
}
```

- Success-Response [#success-examples-Components-removeComponent-0\_1\_0-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-Components-removeComponent-0\_1\_0-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Components - setComponent

Set/Update a Component

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID
name	optional String	Name
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- Example [#parameter-examples-Components-setComponent-0\_1\_8-0]

```
{
  cid: "C10",
  name: "Test"
}
```

- Success-Response [#success-examples-Components-setComponent-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Components-setComponent-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```



## Components - setComponentName

Set a new Component Name

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID
name	String	Name

- Example [#parameter-examples-Components-setComponentName-0\_1\_8-0]

```
{
  cid: "C10",
  name: "Test"
}
```

- Success-Response [#success-examples-Components-setComponentName-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Components-setComponentName-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Components - startBatchMode

Start Configuration Batch Mode. After calling this function all component configuration updates will NOT restart the engine.

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Components-startBatchMode-0\_1\_8-0]

```
true
```

- Error-Response [#error-examples-Components-startBatchMode-0\_1\_8-0]

```
false
```

## Components - stopBatchMode

Stops Configuration Batch Mode. Will restart the engine(s) for new configuration takes effect.

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Components-stopBatchMode-0\_1\_8-0]

```
true
```

- Error-Response [#error-examples-Components-stopBatchMode-0\_1\_8-0]

```
false
```

## Engine

### Engine - getEngineConfiguration

Get Engine Configuration Parameters

EMIT

```
/api/v1
```

#### Success

Field	Type	Description
TCP_PORT	String	TCP Port
UDP_PORT	String	UDP Port
UDP_PORT_ADD	String	
STATUS_PORT	String	Status Port
STATUS_IP	String	
PROJECT	String	Active Project

- Success-Response [#success-examples-Engine-getEngineConfiguration-0\_1\_8-0]

```
{
  TCP_PORT: '1037',
  UDP_PORT: '1037',
  UDP_PORT_ADD: 'NO',
  STATUS_PORT: '1038',
  STATUS_IP: '255.255.255.255',
  PROJECT: 'nomos'
}
```

#### Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-Engine-getEngineConfiguration-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Engine - getEngineProjects

Get Engine Projects List

EMIT

```
/api/v1
```

### Success

Field	Type	Description
array	String[]	Array with Project Names

- Success-Response [#success-examples-Engine-getEngineProjects-0\_1\_8-0]

```
['nomos', 'Test']
```

### Error-Codes

Name	Description
111	Unknown error occured

- Error-Response [#error-examples-Engine-getEngineProjects-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Engine - getEngineStartLog

Get Engine/Daemon Start Log

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Engine-getEngineStartLog-0\_1\_8-0]

```
"07:02:46.831 - system: start (Version: 1.1.77-beta4)\n07:02:46.832 - system: config-read complete\n..."
```

## Engine - setEngineConfiguration

Set/Replace Engine Configuration Parameters, a "null" value would delete a configuration parameter

EMIT

```
/api/v1
```

- Example [#parameter-examples-Engine-setEngineConfiguration-0\_1\_8-0]

```
{
  PROJECT: "Test"
}
```

- Success-Response [#success-examples-Engine-setEngineConfiguration-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
------	-------------

111	Unknown error occurred
-----	------------------------

- Error-Response [#error-examples-Engine-setEngineConfiguration-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Events

### Events - addEvent

Add a Event

EMIT

```
/api/v1
```

#### Parameter

Field	Type	Description
name	String	Event Name
enabled	optional Boolean	Enabled or disabled Default value: true Allowed values: true, false
onChange	optional Boolean	Fire Event always or just on change Default value: false Allowed values: true, false
triggers	Object[]	Triggers (Recursive/nesting arrays are allowed), can be combined with Timers as well (see Timers [#api-Timers-addTimer] for more Examples)
cid	String	Component ID
mapping	String	Mapping Name
operator	optional String	Operator Default value: ==
value	optional String	Value to compare with
templateid	optional String	Template ID
timer	optional Object	Time Settings
date	optional String	Date
time	optional String	Time/Clock or SUNRISE / SUNSET

Field		Type	Description
weekdays	optional	String[]	Weekdays Allowed values: MON, TUE, WED, THU, FRI, SAT, SUN, MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, SATURDAY, SUNDAY
conditions	optional	Object[]	Conditions (Recursive/nesting arrays are allowed)
cid		String	Component ID
mapping		String	Mapping Name
operator	optional	String	Operator Default value: ==
value	optional	String	Value to compare with
templateid	optional	String	Template ID
timer	optional	Object	Time Settings
operator	optional	String	Operator Default value: <= Allowed values: <=, >=
time	optional	String	Time/Clock or SUNRISE / SUNSET
weekdays	optional	String[]	Weekdays Allowed values: MON, TUE, WED, THU, FRI, SAT, SUN, MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, SATURDAY, SUNDAY
positiveActions	optional	Object[]	Positive Actions
cid		String	Component ID
property		String	Property Name
value	optional	String/String[]	Value (or more if multiple commands)
templateid	optional	String	Template ID
negativeActions	optional	Object[]	Negative Actions
cid		String	Component ID
property		String	Property Name
value	optional	String/String[]	Value (or more if multiple commands)
templateid	optional	String	Template ID
tags	optional	String/String[]	Tagging

Field	Type	Description
meta	optional	Object Additional Meta Informations

- Example 1 [#parameter-examples-Events-addEvent-0\_2\_3-0]
- Example 2 [#parameter-examples-Events-addEvent-0\_2\_3-1]
- Example 3 [#parameter-examples-Events-addEvent-0\_2\_3-2]
- Example 4 (with Time Trigger) [#parameter-examples-Events-addEvent-0\_2\_3-3]
- Example 5 (with Time Condition) [#parameter-examples-Events-addEvent-0\_2\_3-4]

```
{
  name: "TestEvent",
  triggers: [
    {
      cid: "C0001",
      mapping: "playerstate",
      value: "PLAYING"
    }
  ],
  positiveActions: [
    {
      cid: "C0002",
      property: "switchon"
    }
  ]
}
```

```
{
  name: "TestEvent",
  triggers: [
    {
      cid: "C0001",
      mapping: "playerstate",
      value: "STOPPED"
    },
    "||",
    {
      cid: "C0001",
      mapping: "playerstate",
      value: "PAUSED"
    }
  ],
  conditions: [
    {
      cid: "C0002",
      mapping: "switch",
      value: 1
    }
  ],
  positiveActions: [
    {
      cid: "C0002",
      property: "switchoff"
    },
    {
      cid: "C0003",
      property: "switchoff"
    }
  ],
  negativeActions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "switchon"
    }
  ]
}
```

```
{
  name: "TestEvent",
  enabled: false,
  triggers: [
    [{
      cid: "C0001",
      mapping: "playerstate",
      value: "STOPPED"
    }
  ]
}
```

```

    },
    "||",
    {
      cid: "C0001",
      mapping: "playerstate",
      value: "PAUSED"
    }
  ],
  "&&",
  {
    cid: "C0001",
    mapping: "volume",
    operator: ">=",
    value: 75
  }
],
positiveActions: [
  {
    cid: "C0001",
    property: "volume",
    value: 30
  }
]
]
}

```

```

{
  name: "TestEvent",
  enabled: true,
  triggers: [
    {
      timer: {
        time: "SUNRISE",
        weekdays: ["MONDAY", "TUESDAY", "WEDNESDAY", "THURSDAY", "FRIDAY"]
      }
    },
    "&&",
    {
      cid: "C0002",
      mapping: "state",
      value: 1
    }
  ],
  positiveActions: [
    {
      cid: "C0002",
      property: "state",
      value: 0
    }
  ]
}

```

```

{
  name: "TestEvent",
  enabled: true,
  triggers: [
    {
      cid: "C0002",
      mapping: "state",
      value: 1
    }
  ],
  conditions: [
    {
      timer: {
        operator: "<=",
        time: "SUNRISE",
        weekdays: ["SATURDAY", "SUNDAY"]
      }
    }
  ],
  positiveActions: [
    {
      cid: "C0002",
      property: "state",
      value: 0
    }
  ]
}

```

## Success

Field	Type	Description
eid	String	The new Event ID

- Success-Response [#success-examples-Events-addEvent-0\_2\_3-0]

```
{
  eid: "E10"
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
120	System ID mismatch

- Error-Response [#error-examples-Events-addEvent-0\_2\_3-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Events - addEvent

Add a Event

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Event Name
enabled	optional Boolean	Enabled or disabled Default value: true Allowed values: true, false
onChange	optional Boolean	Fire Event always or just on change Default value: false Allowed values: true, false
triggers	Object[]	Triggers (Recursive/nesting arrays are allowed)
cid	String	Component ID
mapping	String	Mapping Name



Field		Type	Description
operator	optional	String	Operator Default value: ==
value	optional	String	Value to compare with
templateid	optional	String	Template ID
conditions	optional	Object[]	Conditions (Recursive/nesting arrays are allowed)
cid		String	Component ID
mapping		String	Mapping Name
operator	optional	String	Operator Default value: ==
value	optional	String	Value to compare with
templateid	optional	String	Template ID
positiveActions	optional	Object[]	Positive Actions
cid		String	Component ID
property		String	Property Name
value	optional	String/String[]	Value (or more if multiple commands)
templateid	optional	String	Template ID
negativeActions	optional	Object[]	Negative Actions
cid		String	Component ID
property		String	Property Name
value	optional	String/String[]	Value (or more if multiple commands)
templateid	optional	String	Template ID
tags	optional	String/String[]	Tagging
meta	optional	Object	Additional Meta Informations

- Example 1 [#parameter-examples-Events-addEvent-0\_1\_9-0]
- Example 2 [#parameter-examples-Events-addEvent-0\_1\_9-1]
- Example 3 [#parameter-examples-Events-addEvent-0\_1\_9-2]

```
{
  name: "TestEvent",
  triggers: [
    {
      cid: "C0001",
      mapping: "state",
      value: "PLAYING"
    }
  ]
}
```

```

    }
  ],
  positiveActions: [
    {
      cid: "C0002",
      property: "switchon"
    }
  ]
}

```

```

{
  name: "TestEvent",
  triggers: [
    {
      cid: "C0001",
      mapping: "state",
      value: "STOPPED"
    },
    "||",
    {
      cid: "C0001",
      mapping: "state",
      value: "PAUSED"
    }
  ],
  conditions: [
    {
      cid: "C0002",
      mapping: "switch",
      value: 1
    }
  ],
  positiveActions: [
    {
      cid: "C0002",
      property: "switchoff"
    },
    {
      cid: "C0003",
      property: "switchoff"
    }
  ],
  negativeActions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "switchon"
    }
  ]
}

```

```

{
  name: "TestEvent",
  enabled: false,
  triggers: [
    [
      {
        cid: "C0001",
        mapping: "state",
        value: "STOPPED"
      },
      "||",
      {
        cid: "C0001",
        mapping: "state",
        value: "PAUSED"
      }
    ],
    "&&",
    {
      cid: "C0001",
      mapping: "volume",
      operator: ">=",
      value: 75
    }
  ],
  positiveActions: [
    {
      cid: "C0001",
      property: "volume",
      value: 30
    }
  ]
}

```

```

    }
  ]
}

```

### Success

Field	Type	Description
eid	String	The new Event ID

- Success-Response [#success-examples-Events-addEvent-0\_1\_9-0]

```

{
  eid: "E10"
}

```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
120	System ID mismatch

- Error-Response [#error-examples-Events-addEvent-0\_1\_9-0]

```

{
  errorCode: 106,
  errorText: "Parameter(s) error"
}

```

## Events - addEvent

Add a Event

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Event Name
enabled	optional Boolean	Enabled or disabled Default value: true Allowed values: true, false
onChange	optional Boolean	Fire Event always or just on change Default value: true Allowed values: true, false
triggers	Object[]	Triggers (Recursive/nesting arrays are allowed)
cid	String	Component ID

Field	Type	Description
mapping	String	Mapping Name
operator	optional String	Operator Default value: ==
value	optional String	Value to compare with
templateid	optional String	Template ID
conditions	optional Object[]	Conditions (Recursive/nesting arrays are allowed)
cid	String	Component ID
mapping	String	Mapping Name
operator	optional String	Operator Default value: ==
value	optional String	Value to compare with
templateid	optional String	Template ID
positiveActions	Object[]	Positive Actions
cid	String	Component ID
property	String	Property Name
value	optional String/String[]	Value (or more if multiple commands)
templateid	optional String	Template ID
negativeActions	optional Object[]	Negative Actions
cid	String	Component ID
property	String	Property Name
value	optional String/String[]	Value (or more if multiple commands)
templateid	optional String	Template ID
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- Example 1 [#parameter-examples-Events-addEvent-0\_1\_8-0]
- Example 2 [#parameter-examples-Events-addEvent-0\_1\_8-1]
- Example 3 [#parameter-examples-Events-addEvent-0\_1\_8-2]

```
{
  name: "TestEvent",
  triggers: [
```

```

    {
      cid: "C0001",
      mapping: "state",
      value: "PLAYING"
    }
  ],
  positiveActions: [
    {
      cid: "C0002",
      property: "switchon"
    }
  ]
}

```

```

{
  name: "TestEvent",
  triggers: [
    {
      cid: "C0001",
      mapping: "state",
      value: "STOPPED"
    },
    "||",
    {
      cid: "C0001",
      mapping: "state",
      value: "PAUSED"
    }
  ],
  conditions: [
    {
      cid: "C0002",
      mapping: "switch",
      value: 1
    }
  ],
  positiveActions: [
    {
      cid: "C0002",
      property: "switchoff"
    },
    {
      cid: "C0003",
      property: "switchoff"
    }
  ],
  negativeActions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "switchon"
    }
  ]
}

```

```

{
  name: "TestEvent",
  enabled: false,
  triggers: [
    [
      {
        cid: "C0001",
        mapping: "state",
        value: "STOPPED"
      },
      "||",
      {
        cid: "C0001",
        mapping: "state",
        value: "PAUSED"
      }
    ],
    "&&",
    {
      cid: "C0001",
      mapping: "volume",
      operator: ">=",
      value: 75
    }
  ],
  positiveActions: [

```

```

    {
      cid: "C0001",
      property: "volume",
      value: 30
    }
  ]
}

```

### Success

Field	Type	Description
eid	String	The new Event ID

- Success-Response [#success-examples-Events-addEvent-0\_1\_8-0]

```

{
  eid: "E10"
}

```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
120	System ID mismatch

- Error-Response [#error-examples-Events-addEvent-0\_1\_8-0]

```

{
  errorCode: 106,
  errorText: "Parameter(s) error"
}

```

## Events - addSpecialEvent

Add a Special Event (see Examples)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Event Name
id	String	Special Event ID  Allowed values: <code>knx.volume.link.4bit</code> , <code>knx.volume.link.8bit</code> , <code>knx.level.link.4bit</code> , <code>knx.level.link.8bit</code> , <code>knx.text.scrolling</code> , <code>knx.sonosinfo.scrolling</code> , <code>knx.property.push</code> , <code>hue.colorloop</code>
data	Object[]	Component Data/Parameters necessary to configure the Special Event

Field	Type	Description
enabled	optional Boolean	Enabled or disabled Default value: true Allowed values: true, false
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- knx.volume.link.4bit Example [#parameter-examples-Events-addSpecialEvent-0\_2\_10-0]
- knx.volume.link.8bit Example [#parameter-examples-Events-addSpecialEvent-0\_2\_10-1]
- knx.level.link.4bit Example [#parameter-examples-Events-addSpecialEvent-0\_2\_10-2]
- knx.level.link.8bit Example [#parameter-examples-Events-addSpecialEvent-0\_2\_10-3]
- knx.text.scrolling Example [#parameter-examples-Events-addSpecialEvent-0\_2\_10-4]
- knx.sonosinfo.scrolling Example [#parameter-examples-Events-addSpecialEvent-0\_2\_10-5]
- knx.property.push Example [#parameter-examples-Events-addSpecialEvent-0\_2\_10-6]
- hue.colorloop Example [#parameter-examples-Events-addSpecialEvent-0\_2\_10-7]

```
{
  name: "Linking KNX Dim Up/Down with Component Volume Property",
  id: "knx.volume.link.4bit",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}] // 0: KNX Component || 1: Component with Volume Property
}
```

```
{
  name: "Linking KNX 1 Byte with Component Volume Property",
  id: "knx.volume.link.8bit",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}] // 0: KNX Component || 1: Component with Volume Property
}
```

```
{
  name: "Linking KNX Dim Up/Down with Component Level Property",
  id: "knx.level.link.4bit",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}] // 0: KNX Component || 1: Component with Level Property
}
```

```
{
  name: "Linking KNX 1 Byte with Component Level Property",
  id: "knx.level.link.8bit",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}] // 0: KNX Component || 1: Component with Level Property
}
```

```
{
  name: "KNX Text Scrolling",
  id: "knx.text.scrolling",
  data: [{cid: "C01", property: "value"}, {cid: "C02", property: "title"}] // 0: KNX Component || 1: Component T
}
```

```
{
  name: "KNX Sonos Information Scrolling",
  id: "knx.sonosinfo.scrolling",
  data: [{cid: "C01", property: "value"}, {cid: "C02", property: ""}] // 0: KNX Component || 1: Sonos Component
}
```

```
{
  name: "Property/Value to KNX Push",
  id: "knx.property.push",
  data: [{cid: "C01", property: "value"}, {cid: "C02", property: "volume"}] // 0: KNX Component || 1: Other Compo
}
```

```
{
  name: "HUE ColorLoop",
  id: "hue.colorloop",
  data: [{cid: "C01", property: "value"}, {cid: "C03"}, [{hue: 90, saturation: 100, brightness: 100}, {hue: 180, saturation:
}
```

**Success**

Field	Type	Description
eid	String	The new Event ID

- Success-Response [#success-examples-Events-addSpecialEvent-0\_2\_10-0]

```
{
  eid: "E20"
}
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
120	System ID mismatch

- Error-Response [#error-examples-Events-addSpecialEvent-0\_2\_10-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

**Events - addSpecialEvent**

Add a Special Event (see Examples)

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
name	String	Event Name
id	String	Special Event ID  Allowed values: <code>knx.volume.link.4bit</code> , <code>knx.volume.link.8bit</code> , <code>knx.level.link.4bit</code> , <code>knx.level.link.8bit</code> , <code>knx.text.scrolling</code> , <code>knx.property.push</code> , <code>hue.colorloop</code>
data	Object[]	Component Data/Parameters necessary to configure the Special Event
enabled	optional Boolean	Enabled or disabled  Default value: <code>true</code>  Allowed values: <code>true</code> , <code>false</code>
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- `knx.volume.link.4bit` Example [#parameter-examples-Events-addSpecialEvent-0\_2\_5-0]



- knx.volume.link.8bit Example [#parameter-examples-Events-addSpecialEvent-0\_2\_5-1]
- knx.level.link.4bit Example [#parameter-examples-Events-addSpecialEvent-0\_2\_5-2]
- knx.level.link.8bit Example [#parameter-examples-Events-addSpecialEvent-0\_2\_5-3]
- knx.text.scrolling Example [#parameter-examples-Events-addSpecialEvent-0\_2\_5-4]
- knx.property.push Example [#parameter-examples-Events-addSpecialEvent-0\_2\_5-5]
- hue.colorloop Example [#parameter-examples-Events-addSpecialEvent-0\_2\_5-6]

```
{
  name: "Linking KNX Dim Up/Down with Component Volume Property",
  id: "knx.volume.link.4bit",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}]           // 0: KNX Component || 1: Component with Volume Property
}
```

```
{
  name: "Linking KNX 1 Byte with Component Volume Property",
  id: "knx.volume.link.8bit",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}]           // 0: KNX Component || 1: Component with Volume Property
}
```

```
{
  name: "Linking KNX Dim Up/Down with Component Level Property",
  id: "knx.level.link.4bit",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}]           // 0: KNX Component || 1: Component with Level Property
}
```

```
{
  name: "Linking KNX 1 Byte with Component Level Property",
  id: "knx.level.link.8bit",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}]           // 0: KNX Component || 1: Component with Level Property
}
```

```
{
  name: "KNX Text Scrolling",
  id: "knx.text.scrolling",
  data: [{cid: "C01", property: "value"}, {cid: "C02", property: "title"}]           // 0: KNX Component || 1: Component T
}
```

```
{
  name: "Property/Value to KNX Push",
  id: "knx.property.push",
  data: [{cid: "C01", property: "value"}, {cid: "C02", property: "volume"}]           // 0: KNX Component || 1: Other Compo
}
```

```
{
  name: "HUE ColorLoop",
  id: "hue.colorloop",
  data: [{cid: "C01", property: "value"}, {cid: "C03"}, [{hue: 90, saturation: 100, brightness: 100}, {hue: 180, saturation:
}
```

## Success

Field	Type	Description
eid	String	The new Event ID

- Success-Response [#success-examples-Events-addSpecialEvent-0\_2\_5-0]

```
{
  eid: "E20"
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

Name	Description
112	Not found
120	System ID mismatch

- Error-Response [#error-examples-Events-addSpecialEvent-0\_2\_5-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Events - addSpecialEvent

Add a Special Event (see Examples)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Event Name
id	String	Special Event ID Allowed values: <code>knx.volume.link</code> , <code>knx.level.link</code> , <code>knx.text.scrolling</code> , <code>hue.colorloop</code>
data	Object[]	Component Data/Parameters necessary to configure the Special Event
enabled	optional Boolean	Enabled or disabled Default value: <code>true</code> Allowed values: <code>true</code> , <code>false</code>
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- `knx.volume.link` Example [#parameter-examples-Events-addSpecialEvent-0\_2\_2-0]
- `knx.level.link` Example [#parameter-examples-Events-addSpecialEvent-0\_2\_2-1]
- `knx.text.scrolling` Example [#parameter-examples-Events-addSpecialEvent-0\_2\_2-2]
- `hue.colorloop` Example [#parameter-examples-Events-addSpecialEvent-0\_2\_2-3]

```
{
  name: "Linking KNX Dim Up/Down with Component Volume Property",
  id: "knx.volume.link",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}] // 0: KNX Component || 1: Component with Volume Property
}
```

```
{
  name: "Linking KNX Dim Up/Down with Component Level Property",
  id: "knx.level.link",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}] // 0: KNX Component || 1: Component with Level Property
}
```

```
{
  name: "KNX Text Scrolling",
  id: "knx.text.scrolling",
  data: [{cid: "C01", property: "value"}, {cid: "C02", property: "title"}] // 0: KNX Component || 1: Component T
}
```

```
{
  name: "HUE ColorLoop",
  id: "hue.colorloop",
  data: [{cid: "C01", property: "value"}, {cid: "C03"}, [{hue: 90, saturation: 100, brightness: 100}, {hue: 180, saturation: 100}]]
}
```

**Success**

Field	Type	Description
eid	String	The new Event ID

- Success-Response [#success-examples-Events-addSpecialEvent-0\_2\_2-0]

```
{
  eid: "E20"
}
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
120	System ID mismatch

- Error-Response [#error-examples-Events-addSpecialEvent-0\_2\_2-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

**Events - addSpecialEvent**

Add a Special Event (see Examples)

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
name	String	Event Name
id	String	Special Event ID  Allowed values: <code>knx.volume.link</code> , <code>knx.level.link</code> , <code>knx.text.scrolling</code> , <code>hue.colorloop</code>
data	Object[]	Component Data/Parameters necessary to configure the Special Event
enabled	optional Boolean	Enabled or disabled  Default value: <code>true</code>  Allowed values: <code>true</code> , <code>false</code>

Field	Type	Description
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- knx.volume.link Example [#parameter-examples-Events-addSpecialEvent-0\_2\_0-0]
- knx.level.link Example [#parameter-examples-Events-addSpecialEvent-0\_2\_0-1]
- knx.text.scrolling Example [#parameter-examples-Events-addSpecialEvent-0\_2\_0-2]
- hue.colorloop Example [#parameter-examples-Events-addSpecialEvent-0\_2\_0-3]

```
{
  name: "Linking KNX Dim Up/Down with Component Volume Property",
  id: "knx.volume.link",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}] // 0: KNX Component || 1: Component with Volume Property
}
```

```
{
  name: "Linking KNX Dim Up/Down with Component Level Property",
  id: "knx.level.link",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}] // 0: KNX Component || 1: Component with Level Property
}
```

```
{
  name: "KNX Text Scrolling",
  id: "knx.text.scrolling",
  data: [{cid: "C01", property: "value"}, {cid: "C02", property: "title"}] // 0: KNX Component || 1: Component T
}
```

```
{
  name: "HUE ColorLoop",
  id: "hue.colorloop",
  data: [{cid: "C01", property: "value"}, {cid: "C03"}, [90, 180, 360]] // 0: Trigger Component || 1: HUE Component |
}
```

## Success

Field	Type	Description
eid	String	The new Event ID

- Success-Response [#success-examples-Events-addSpecialEvent-0\_2\_0-0]

```
{
  eid: "E20"
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
120	System ID mismatch

- Error-Response [#error-examples-Events-addSpecialEvent-0\_2\_0-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Events - addSpecialEvent

Add a Special Event (see Examples)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Event Name
id	String	Special Event ID Allowed values: <code>knx.volume.link</code> , <code>knx.text.scrolling</code> , <code>hue.colorloop</code>
data	Object[]	Component Data/Parameters necessary to configure the Special Event
enabled	optional Boolean	Enabled or disabled Default value: <code>true</code> Allowed values: <code>true</code> , <code>false</code>
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- `knx.volume.link` Example [#parameter-examples-Events-addSpecialEvent-0\_1\_9-0]
- `knx.text.scrolling` Example [#parameter-examples-Events-addSpecialEvent-0\_1\_9-1]
- `hue.colorloop` Example [#parameter-examples-Events-addSpecialEvent-0\_1\_9-2]

```
{
  name: "Linking KNX Dim Up/Down with Component Volume Control",
  id: "knx.volume.link",
  data: [{cid: "C01", property: "value"}, {cid: "C02"}]           // 0: KNX Component || 1: Component with Volume Control
}
```

```
{
  name: "KNX Text Scrolling",
  id: "knx.text.scrolling",
  data: [{cid: "C01", property: "value"}, {cid: "C02", property: "title"}]           // 0: KNX Component || 1: Component T
}
```

```
{
  name: "HUE ColorLoop",
  id: "hue.colorloop",
  data: [{cid: "C01", property: "value"}, {cid: "C03"}, [90, 180, 360]]           // 0: Trigger Component || 1: HUE Component |
}
```

### Success

Field	Type	Description
eid	String	The new Event ID

- Success-Response [#success-examples-Events-addSpecialEvent-0\_1\_9-0]

```
{
  eid: "E20"
}
```

### Error-Codes

Name	Description
------	-------------

106	Parameter(s) error
111	Unknown error occurred
112	Not found
120	System ID mismatch

- Error-Response [#error-examples-Events-addSpecialEvent-0\_1\_9-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Events - cloneEvent

Clone/duplicate a Event

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
eid	String	Event ID

- Example [#parameter-examples-Events-cloneEvent-0\_1\_8-0]

```
{
  eid: "E10"
}
```

### Success

Field	Type	Description
eid	String	The new Event ID

- Success-Response [#success-examples-Events-cloneEvent-0\_1\_8-0]

```
{
  eid: "E11"
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Events-cloneEvent-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Events - disableEvent

Disable a Event

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
eid	String	Event ID to disable

- Example [#parameter-examples-Events-disableEvent-0\_1\_8-0]

```
{
  eid: "E10"
}
```

- Success-Response [#success-examples-Events-disableEvent-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Events-disableEvent-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Events - enableEvent

Enable a Event

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
eid	String	Event ID to enable

- Example [#parameter-examples-Events-enableEvent-0\_1\_8-0]

```
{
  eid: "E10"
}
```

- Success-Response [#success-examples-Events-enableEvent-0\_1\_8-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Events-enableEvent-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

**Events - getEvents**

Get All Events

EMIT

/api/v1

**Parameter**

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-Events-getEvents-0\_1\_8-0]

```
{
  sortBy: ['name', 'created']
}
```

**Success**

Field	Type	Description
eid	String	Event ID
name	String	Event Name
enabled	Boolean	Enabled Allowed values: true, false
onChange	Boolean	Fire Event always or just on change Allowed values: true, false
triggers	Object[]	Triggers
conditions	Object[]	Conditions
positiveActions	Object[]	Positive Actions
negativeActions	Object[]	Negative Actions
tags	String[]	Tags



Field	Type	Description
meta	Object	Additional Meta Informations
created	String	Timestamp created
lastUpdate	String	Timestamp last update

- Success-Response [#success-examples-Events-getEvents-0\_1\_8-0]

```
[{
  eid: "E10",
  name: "TestEvent",
  enabled: true,
  onChange: true,
  triggers: [
    {
      cid: "C0001",
      mapping: "playerstate",
      value: "PLAYING"
    }
  ],
  conditions: [],
  positiveActions: [
    {
      cid: "C0002",
      property: "switchon"
    }
  ],
  negativeActions: [],
  tags: [],
  meta: {},
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
}]
```

## Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-Events-getEvents-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Events - getEventsByTag

Get Events by Tag(s)

EMIT

/api/v1

### Parameter

Field	Type	Description
tags	String/String[]	Tag(s)
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Example [#parameter-examples-Events-getEventsByTag-0\_1\_8-0]
- Sorting Example [#parameter-examples-Events-getEventsByTag-0\_1\_8-1]

```
{
  tags: "TestTag"
}
```

```
{
  tags: "TestTag",
  sortBy: ['name', 'created']
}
```

## Success

Field	Type	Description
eid	String	Event ID
name	String	Event Name
enabled	Boolean	Enabled Allowed values: <code>true</code> , <code>false</code>
onChange	Boolean	Fire Event always or just on change Allowed values: <code>true</code> , <code>false</code>
triggers	Object[]	Triggers
conditions	Object[]	Conditions
positiveActions	Object[]	Positive Actions
negativeActions	Object[]	Negative Actions
tags	String[]	Tags
meta	Object	Additional Meta Informations
created	String	Timestamp created
lastUpdate	String	Timestamp last update

- Success-Response [#success-examples-Events-getEventsByTag-0\_1\_8-0]

```
[{
  eid: "E10",
  name: "TestEvent",
  enabled: true,
  onChange: true,
  triggers: [
    {
      cid: "C0001",
      mapping: "playerstate",
      value: "PLAYING"
    }
  ],
  conditions: [],
  positiveActions: [
    {
      cid: "C0002",
      property: "switchon"
    }
  ],
  negativeActions: [],
  tags: ["TestTag"],
  meta: {},
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
}
```

```
}
}]
```

## Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-Events-getEventsByTag-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Events - removeEvent

Remove a Event

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
eid	String	Event ID to remove

- Example [#parameter-examples-Events-removeEvent-0\_1\_8-0]

```
{
  eid: "E10"
}
```

- Success-Response [#success-examples-Events-removeEvent-0\_1\_8-0]

```
true
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Events-removeEvent-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Events - setEvent

Set/Update a Event

EMIT

```
/api/v1
```

**Parameter**

Field		Type	Description
eid		String	Event ID
name		String	Event Name
enabled	optional	Boolean	Enabled or disabled Default value: true Allowed values: true, false
onChange	optional	Boolean	Fire Event always or just on change Default value: true Allowed values: true, false
triggers		Object[]	Triggers (Recursive/nesting arrays are allowed), can be combined with Timers as well (see Timers [#api-Timers-addTimer] for more Examples)
cid		String	Component ID
mapping		String	Mapping Name
operator	optional	String	Operator Default value: ==
value	optional	String	Value to compare with
templateid	optional	String	Template ID
timer	optional	Object	Time Settings
date	optional	String	Date
time	optional	String	Time/Clock or SUNRISE / SUNSET
weekdays	optional	String[]	Weekdays Allowed values: MON, TUE, WED, THU, FRI, SAT, SUN, MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, SATURDAY, SUNDAY
conditions	optional	Object[]	Conditions (Recursive/nesting arrays are allowed)
cid		String	Component ID
mapping		String	Mapping Name
operator	optional	String	Operator Default value: ==
value	optional	String	Value to compare with
templateid	optional	String	Template ID

Field		Type	Description
timer	optional	Object	Time Settings
operator	optional	String	Operator Default value: <= Allowed values: <=, >=
time	optional	String	Time/Clock or SUNRISE / SUNSET
weekdays	optional	String[]	Weekdays Allowed values: MON, TUE, WED, THU, FRI, SAT, SUN, MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, SATURDAY, SUNDAY
positiveActions	optional	Object[]	Positive Actions
cid		String	Component ID
property		String	Property Name
value	optional	String	Value
templateid	optional	String	Template ID
negativeActions	optional	Object[]	Negative Actions
cid		String	Component ID
property		String	Property Name
value	optional	String	Value
templateid	optional	String	Template ID
tags	optional	String/String[]	Tagging
meta	optional	Object	Additional Meta Informations

- Example [#parameter-examples-Events-setEvent-0\_2\_3-0]

```
{
  eid: "E10",
  name: "TestEvent",
  enabled: false,
  onChange: false,
  triggers: [
    {
      cid: "C0001",
      mapping: "playerstate",
      value: "PLAYING"
    }
  ],
  positiveActions: [
    {
      cid: "C0002",
      property: "switchon"
    }
  ]
}
```

- Success-Response [#success-examples-Events-setEvent-0\_2\_3-0]

```
true
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
120	System ID mismatch

- Error-Response [#error-examples-Events-setEvent-0\_2\_3-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Events - setEvent

Set/Update a Event

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
eid	String	Event ID
name	String	Event Name
enabled	optional Boolean	Enabled or disabled Default value: true Allowed values: true, false
onChange	optional Boolean	Fire Event always or just on change Default value: true Allowed values: true, false
triggers	Object[]	Triggers (Recursive/nesting arrays are allowed)
cid	String	Component ID
mapping	String	Mapping Name
operator	optional String	Operator Default value: ==
value	optional String	Value to compare with

Field	Type	Description
templateid	optional	String Template ID
conditions	optional	Object[] Conditions (Recursive/nesting arrays are allowed)
cid		String Component ID
mapping		String Mapping Name
operator	optional	String Operator Default value: ==
value	optional	String Value to compare with
templateid	optional	String Template ID
positiveActions	optional	Object[] Positive Actions
cid		String Component ID
property		String Property Name
value	optional	String Value
templateid	optional	String Template ID
negativeActions	optional	Object[] Negative Actions
cid		String Component ID
property		String Property Name
value	optional	String Value
templateid	optional	String Template ID
tags	optional	String/String[] Tagging
meta	optional	Object Additional Meta Informations

- Example [#parameter-examples-Events-setEvent-0\_2\_0-0]

```
{
  eid: "E10",
  name: "TestEvent",
  enabled: false,
  onChange: false,
  triggers: [
    {
      cid: "C0001",
      mapping: "state",
      value: "PLAYING"
    }
  ],
  positiveActions: [
    {
      cid: "C0002",
      property: "switchon"
    }
  ]
}
```

```
]
}
```

- Success-Response [#success-examples-Events-setEvent-0\_2\_0-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
120	System ID mismatch

- Error-Response [#error-examples-Events-setEvent-0\_2\_0-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Events - setEvent

Set/Update a Event

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
eid	String	Event ID
name	String	Event Name
enabled	optional Boolean	Enabled or disabled Default value: true Allowed values: true, false
onChange	optional Boolean	Fire Event always or just on change Default value: true Allowed values: true, false
triggers	Object[]	Triggers (Recursive/nesting arrays are allowed)
cid	String	Component ID
mapping	String	Mapping Name
operator	optional String	Operator Default value: ==



Field	Type	Description
value	optional	String Value to compare with
templateid	optional	String Template ID
conditions	optional	Object[] Conditions (Recursive/nesting arrays are allowed)
cid		String Component ID
mapping		String Mapping Name
operator	optional	String Operator Default value: ==
value	optional	String Value to compare with
templateid	optional	String Template ID
positiveActions		Object[] Positive Actions
cid		String Component ID
property		String Property Name
value	optional	String Value
templateid	optional	String Template ID
negativeActions	optional	Object[] Negative Actions
cid		String Component ID
property		String Property Name
value	optional	String Value
templateid	optional	String Template ID
tags	optional	String/String[] Tagging
meta	optional	Object Additional Meta Informations

- Example [#parameter-examples-Events-setEvent-0\_1\_8-0]

```
{
  eid: "E10",
  name: "TestEvent",
  enabled: false,
  onChange: false,
  triggers: [
    {
      cid: "C0001",
      mapping: "state",
      value: "PLAYING"
    }
  ],
  positiveActions: [
    {
```

```

    cid: "C0002",
    property: "switchon"
  }
]
}

```

- Success-Response [#success-examples-Events-setEvent-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
120	System ID mismatch

- Error-Response [#error-examples-Events-setEvent-0\_1\_8-0]

```

{
  errorCode: 112,
  errorText: "Not found"
}

```

## Events - setEventName

Set a new Event Name

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
eid	String	Event ID
name	String	Name

- Example [#parameter-examples-Events-setEventName-0\_1\_8-0]

```

{
  eid: "E10",
  name: "Test-Event"
}

```

- Success-Response [#success-examples-Events-setEventName-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

Name	Description
112	Not found

- Error-Response [#error-examples-Events-setEventName-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Events - setEventsProfile

Set Events Profile

EMIT

/api/v1

### Parameter

Field	Type	Description
enabled	Boolean	Enabled Status Allowed values: true, false
debug	optional Boolean	Debug Status Default value: false Allowed values: true, false

- Example [#parameter-examples-Events-setEventsProfile-0\_1\_8-0]

```
{
  enabled: true,
  debug: false
}
```

- Success-Response [#success-examples-Events-setEventsProfile-0\_1\_8-0]

true

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Events-setEventsProfile-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Floors

## Floors - addFloor

Add a Floor

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	The Name of the Floor

- Example [#parameter-examples-Floors-addFloor-0\_1\_8-0]

```
{
  name: "Third Floor"
}
```

### Success

Field	Type	Description
id	Integer	Floor ID

- Success-Response [#success-examples-Floors-addFloor-0\_1\_8-0]

```
{
  id: 3
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occured

- Error-Response [#error-examples-Floors-addFloor-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Floors - addFloor

Add a Floor

EMIT

```
/config
```

### Parameter

Field	Type	Description
name	String	The Name of the floor

- Example [#parameter-examples-Floors-addFloor-0\_1\_0-0]

```
{
  name: "Third Floor"
}
```

- Success-Response [#success-examples-Floors-addFloor-0\_1\_0-0]

```
{
  id: 3,
  name: "Third Floor"
}
```

### Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-Floors-addFloor-0\_1\_0-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Floors - getFloorName

Get Floor Name

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Floor ID to get name from

- Example [#parameter-examples-Floors-getFloorName-0\_1\_8-0]

```
{
  id: 1
}
```

- Success-Response [#success-examples-Floors-getFloorName-0\_1\_8-0]

```
"First Floor"
```

- Error-Response [#error-examples-Floors-getFloorName-0\_1\_8-0]

```
null
```

## Floors - getFloors

Get Floors

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-Floors-getFloors-0\_1\_8-0]

```
{
  sortBy: ['name', 'created']
}
```

}

**Success**

Field	Type	Description
object	Object[]	Floor Objects
id	Integer	Floor ID
name	String	Floor Name
roomsCount	Integer	Number of Rooms in it
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update

- Success-Response [#success-examples-Floors-getFloors-0\_1\_8-0]

```
[
  {
    id: 1,
    name: "First Floor",
    roomsCount: 2,
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
  },
  {
    id: 2,
    name: "Second Floor",
    roomsCount: 3,
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
  }
]
```

**Floors - getFloors**

Get Floors

EMIT

/config

- Success-Response [#success-examples-Floors-getFloors-0\_1\_0-0]

```
[
  {
    id: 1,
    name: "First Floor",
    roomsCount: 2
  },
  {
    id: 2,
    name: "Second Floor",
    roomsCount: 3
  }
]
```

**Floors - onFloorAdded**

Update Event when a new Floor was added

ON/EVENT

/api/v1

**Success**

Field	Type	Description
id	Integer	Floor ID
name	String	Floor Name

- Success-Response [#success-examples-Floors-onFloorAdded-0\_1\_8-0]

```
{
  id: 1,
  name: "Third Floor"
}
```

**Floors - onFloorNameChange**

Update Event when a Floor Name was changed

ON/EVENT

```
/api/v1
```

**Success**

Field	Type	Description
id	Integer	Floor ID
name	String	Floor Name

- Success-Response [#success-examples-Floors-onFloorNameChange-0\_1\_8-0]

```
{
  id: 1,
  name: "Third Floor"
}
```

**Floors - onFloorRemoved**

Update Event when a Floor was removed

ON/EVENT

```
/api/v1
```

**Success**

Field	Type	Description
id	Integer	Floor ID

- Success-Response [#success-examples-Floors-onFloorRemoved-0\_1\_8-0]

```
{
  id: 1
}
```

**Floors - removeFloor**

Remove a Floor

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Floor ID

- Example [#parameter-examples-Floors-removeFloor-0\_2\_3-0]

```
{
  id: 3
}
```

- Success-Response [#success-examples-Floors-removeFloor-0\_2\_3-0]

```
true
```

### Error-Codes

Name	Description
100	Floor has rooms in it
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Floors-removeFloor-0\_2\_3-0]

```
{
  errorCode: 100,
  errorText: "Floor has rooms in it"
}
```

## Floors - removeFloor

Remove a Floor

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Floor ID

- Example [#parameter-examples-Floors-removeFloor-0\_1\_8-0]

```
{
  id: 3
}
```

- Success-Response [#success-examples-Floors-removeFloor-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
------	-------------



100	Floor has rooms in it
111	Unknown error occured

- Error-Response [#error-examples-Floors-removeFloor-0\_1\_8-0]

```
{
  errorCode: 100,
  errorText: "Floor has rooms in it"
}
```

## Floors - setFloor

Set/Update a Floor

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Floor ID
name	optional String	Name

- Example [#parameter-examples-Floors-setFloor-0\_2\_3-0]

```
{
  id: 1,
  name: "Third Floor"
}
```

- Success-Response [#success-examples-Floors-setFloor-0\_2\_3-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occured
112	Not found

- Error-Response [#error-examples-Floors-setFloor-0\_2\_3-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Floors - setFloorName

Set Floor Name

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
id	Integer	Floor ID
name	String	New Name

- Example [#parameter-examples-Floors-setFloorName-0\_2\_0-0]

```
{
  id: 1,
  name: "Third Floor"
}
```

- Success-Response [#success-examples-Floors-setFloorName-0\_2\_0-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Floors-setFloorName-0\_2\_0-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

**Floors - setFloorName**

Set Floor Name

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
id	Integer	Floor ID
name	String	New Name

- Example [#parameter-examples-Floors-setFloorName-0\_1\_8-0]

```
{
  id: 1,
  name: "Third Floor"
}
```

- Success-Response [#success-examples-Floors-setFloorName-0\_1\_8-0]

```
true
```

**Error-Codes**

Name	Description
111	Unknown error occured

- Error-Response [#error-examples-Floors-setFloorName-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## KNX

### KNX - Import-KNX-File

Import KNX Project/Group Address File with the Help of SocketIOFileUpload Library (see SocketIOFileUpload [<https://github.com/vote539/socketio-file-upload>] for more Informations)

#### SOCKETIOFILEUPLOAD

```
/api/v1
```

- Example [#examples-KNX-Import\_KNX\_File-0\_1\_8-0]

```
// somewhere in <header>
// <script src="http://HOST:PORT/siofu/client.js"></script>

var uploader = new SocketIOFileUpload(socket);
uploader.listenOnInput(document.getElementById("knxImportInput"));
uploader.addEventListener('error', function(data) {
  if(data.code === 1) {
    console.log("File size error");
  }
});
uploader.addEventListener('progress', function(event) {
  console.log(parseInt(event.bytesLoaded / event.file.size * 100) + '%');
});
uploader.addEventListener('complete', function(event) {
  if(event.detail.error === false) {
    // Success
    window.location.reload();
  } else {
    // Error
  }
});
uploader.addEventListener('start', function(event) {
  event.file.meta.type = 'knxfile';
});
```

#### Success

Field	Type	Description
event	Object	
detail	Object	
error	Boolean	false upload successful  Allowed values: false

#### Error

Name	Type	Description
event	Object	
detail	Object	

Name	Type	Description
error	Boolean	<p>true upload not successful</p> <p>Allowed values: true</p>

## KNX - addKNXDevice

Add a KNX Device/Component

EMIT

/api/v1

### Parameter

Field	Type	Description
sid	String	System ID
name	String	Name of the Device
lid	String	Library ID of the Device
profile	String	Profile of the Device
propertiesAddresses	Object	KNX Group Addresses for Properties
mappingsAddresses	Object	KNX Group Addresses for Mappings
capabilities	optional String[]	Capabilities of the Device
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- Example [#parameter-examples-KNX-addKNXDevice-0\_1\_8-0]

```
{
  sid: "NS123456789",
  name: "Livingroom",
  lid: "knx.dimmer",
  profile: "knx_switch",
  propertiesAddresses: {"switchon": '1/1/1', "switchoff": '1/1/1', "level": '1/1/10'},
  mappingsAddresses: {"switch": '1/7/1', "level": '1/7/10'},
  capabilities: ["switch_multilevel_knx"]
}
```

### Success

Field	Type	Description
cid	String	New Component ID

- Success-Response [#success-examples-KNX-addKNXDevice-0\_1\_8-0]

```
{
  cid: "C6"
}
```

### Error-Codes

Name	Description
------	-------------

111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-KNX-addKNXDevice-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## KNX - addKNXDevice

Add a KNX Device/Component

EMIT

```
/config
```

### Parameter

Field	Type	Description
sid	String	System ID
name	String	Name of the Device
lid	String	Library ID of the Device
profile	String	Profile of the Device
propertiesAddresses	Object	KNX Group Addresses for Properties
mappingsAddresses	Object	KNX Group Addresses for Mappings
capabilities	optional String[]	Capabilities of the Device

- Example [#parameter-examples-KNX-addKNXDevice-0\_1\_6-0]

```
{
  sid: "NS1234567890",
  name: "Livingroom",
  lid: "knx.dimmer",
  profile: "knx_switch",
  propertiesAddresses: {"switchon": '1/1/1', "switchoff": '1/1/1', "level": '1/1/10'},
  mappingsAddresses: {"switch": '1/7/1', "level": '1/7/10'},
  capabilities: ["switch_multilevel_knx"]
}
```

- Success-Response [#success-examples-KNX-addKNXDevice-0\_1\_6-0]

```
{
  cid: "C6",
  error: false
}
```

### Error-Codes

Name	Description
111	Unknown error occurred
117	Not allowed

Name	Description
<ul style="list-style-type: none"> <li>Error-Response [#error-examples-KNX-addKNXDevice-0_1_6-0]</li> </ul>	

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## KNX - addKNXDevice

Add a KNX Device/Component

EMIT

```
/config
```

### Parameter

Field	Type	Description
sid	String	System ID
name	String	Name of the Device
profile	String	Profile of the Device
propertiesAddresses	Object	KNX Group Addresses for Properties
mappingsAddresses	Object	KNX Group Addresses for Mappings
capabilities	optional String[]	Capabilities of the Device

- Example [#parameter-examples-KNX-addKNXDevice-0\_1\_5-0]

```
{
  sid: "NS1234567890",
  name: "Livingroom",
  profile: "knx_dimmer",
  propertiesAddresses: {"switchon": '1/1/1', "switchoff": '1/1/1', "level": '1/1/10'},
  mappingsAddresses: {"switch": '1/7/1', "level": '1/7/10'},
  capabilities: []
}
```

- Success-Response [#success-examples-KNX-addKNXDevice-0\_1\_5-0]

```
{
  cid: "C6",
  error: false
}
```

### Error-Codes

Name	Description
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-KNX-addKNXDevice-0\_1\_5-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## KNX - addKNXGroupAddress

Add a user-defined KNX Group Address

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
addr	String	KNX Address
name	String	Name
type	String	Address Type (see <code>getKNXDataPointTypes</code> [ <code>#api-KNX-getKNXDataPointTypes</code> ] for more Informations)
description	optional String	Description
readOnInit	optional Boolean	Read on Initialization Flag Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>

- Example [`#parameter-examples-KNX-addKNXGroupAddress-0_2_8-0`]

```
{
  name: 'FirstFloor_Kitchen_Wall_Dimmer',
  type: 'DPT_1.001',
  addr: '2/1/36',
  description: 'Kitchen Wall Dimmer',
  readOnInit: false
}
```

- Success-Response [`#success-examples-KNX-addKNXGroupAddress-0_2_8-0`]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
117	Not allowed
118	Exists already

- Error-Response 1 [`#error-examples-KNX-addKNXGroupAddress-0_2_8-0`]
- Error-Response 2 [`#error-examples-KNX-addKNXGroupAddress-0_2_8-1`]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

```
{
  errorCode: 112,
```

```

    errorText: "Type not found"
  }

```

## KNX - addKNXGroupAddress

Add a user-defined KNX Group Address

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
addr	String	KNX Address
name	String	Name
type	String	Address Type (see <code>getKNXDataPointTypes</code> [#api-KNX-getKNXDataPointTypes] for more Informations)
description	optional String	Description

- Example [#parameter-examples-KNX-addKNXGroupAddress-0\_1\_9-0]

```

{
  name: 'FirstFloor_Kitchen_Wall_Dimmer',
  type: 'DPT_1.001',
  addr: '2/1/36',
  description: 'Kitchen Wall Dimmer'
}

```

- Success-Response [#success-examples-KNX-addKNXGroupAddress-0\_1\_9-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
117	Not allowed
118	Exists already

- Error-Response 1 [#error-examples-KNX-addKNXGroupAddress-0\_1\_9-0]
- Error-Response 2 [#error-examples-KNX-addKNXGroupAddress-0\_1\_9-1]

```

{
  errorCode: 106,
  errorText: "Parameter(s) error"
}

```

```

{
  errorCode: 112,
  errorText: "Type not found"
}

```



## KNX - addKNXGroupAddress

Add a user-defined KNX Group Address

EMIT

/api/v1

### Parameter

Field	Type	Description
addr	String	KNX Address
name	String	Name
type	String	Address Type (see <code>getKNXDataPointTypes</code> [#api-KNX-getKNXDataPointTypes] for more Informations)
description	optional String	Description

- Example [#parameter-examples-KNX-addKNXGroupAddress-0\_1\_8-0]

```
{
  name: 'FirstFloor_Kitchen_Wall_Dimmer',
  type: 'DPT_1.001',
  addr: '2/1/36',
  description: 'Kitchen Wall Dimmer'
}
```

- Success-Response [#success-examples-KNX-addKNXGroupAddress-0\_1\_8-0]

true

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
118	Exists already

- Error-Response 1 [#error-examples-KNX-addKNXGroupAddress-0\_1\_8-0]
- Error-Response 2 [#error-examples-KNX-addKNXGroupAddress-0\_1\_8-1]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

```
{
  errorCode: 112,
  errorText: "Type not found"
}
```

## KNX - addKNXGroupAddress

Add a user-defined KNX Group Address

EMIT

```
/config
```

### Parameter

Field	Type	Description
addr	String	KNX Address
name	String	Name
type	String	Address Type (see <code>getKNXDataPointTypes</code> [#api-KNX-getKNXDataPointTypes] for more Informations)
description	optional String	Description

- Example [#parameter-examples-KNX-addKNXGroupAddress-0\_1\_5-0]

```
{ name: 'FirstFloor_Kitchen_Wall_Dimmer',
  type: 'DPT_1.001',
  addr: '2/1/36',
  description: 'Kitchen Wall Dimmer'
}
```

- Success-Response [#success-examples-KNX-addKNXGroupAddress-0\_1\_5-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occured
112	Not found

- Error-Response 1 [#error-examples-KNX-addKNXGroupAddress-0\_1\_5-0]
- Error-Response 2 [#error-examples-KNX-addKNXGroupAddress-0\_1\_5-1]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

```
{
  errorCode: 112,
  errorText: "Type not found"
}
```

## KNX - getKNXDataPointTypes

Get a List of KNX Datapoint Types (DPT's)

EMIT

```
/api/v1
```

### Success

Field	Type	Description
Object	Object	Objects with DPT Id's

Field	Type	Description
sizeInBit	Integer	Length/Size in Bit
sizeInText	String	Length/Size as String
name	String	DPT Name
id	String	DPT ID
description	String	Description

- Success-Response [#success-examples-KNX-getKNXDataPointTypes-0\_1\_8-0]

```
{'DPT_1.001':
  {sizeInBit: 1,
   sizeInText: "1-bit",
   name: "DPT 1.001",
   id: "DPT_Switch",
   description: "switch"
  },
 'DPT_1.002':
  {sizeInBit: 1,
   sizeInText: "1-bit",
   name: "DPT 1.002",
   id: "DPT_Bool",
   description: "boolean"
  }
  ...
}
```

## KNX - getKNXDataPointTypes

Get a List of KNX Datapoint Types (DPT's)

EMIT

```
/config
```

- Success-Response [#success-examples-KNX-getKNXDataPointTypes-0\_1\_5-0]

```
{'DPT_1.001':
  {type: "1bit",
   name: "DPT 1.001",
   description: "DPT_Switch"
  },
 'DPT_1.002':
  {type: "1bit",
   name: "DPT 1.002",
   description: "DPT_Bool"
  }
  ...
}
```

## KNX - getKNXGroupAddresses

Get KNX Project Group Addresses

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	optional String	Project Name/ID or leave empty if you want to fetch the user-defined KNX Addresses

- Example [#parameter-examples-KNX-getKNXGroupAddresses-0\_2\_13-0]

```
{
  name: "MyHome.esf"
}
```

## Success

Field	Type	Description
Array	Object[]	with Objects
Object	Object	Group Address Object
addr	String	KNX Group Address
name	String	Name
type	String	DPT Type
description	String	Description
readOnInit	Boolean	Read on Initialization Flag Allowed values: <code>true</code> , <code>false</code>
dependencies	Object[]/Boolean	Scene or Event Dependencies or <code>false</code> when no Dependencies at all

- Success-Response (Project) [#success-examples-KNX-getKNXGroupAddresses-0\_2\_13-0]
- Success-Response (user-defined) [#success-examples-KNX-getKNXGroupAddresses-0\_2\_13-1]

```
[
  {
    addr: '2/1/36',
    name: 'FirstFloor_Kitchen_Wall_Dimmer',
    type: 'DPT_1.001',
    description: 'Kitchen Wall Dimmer',
    readOnInit: false,
    dependencies: [events: [], scenes: ['1']]
  },
  ...
]
```

```
[
  {
    addr: '1/1/10',
    name: 'My Group Address',
    type: 'DPT_1.001',
    description: '',
    readOnInit: true,
    created: 'Wed Jan 27 2016 07:54:34 GMT+0100 (CET)',
    lastUpdate: 'Wed Jan 27 2016 07:54:34 GMT+0100 (CET)',
    dependencies: false
  },
  ...
]
```

## Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-KNX-getKNXGroupAddresses-0\_2\_13-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## KNX - getKNXGroupAddresses

Get KNX Project Group Addresses

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	optional String	Project Name/ID or leave empty if you want to fetch the user-defined KNX Addresses

- Example [#parameter-examples-KNX-getKNXGroupAddresses-0\_2\_8-0]

```
{
  name: "MyHome.esf"
}
```

### Success

Field	Type	Description
Array	Object[]	with Objects
Object	Object	Group Address Object
addr	String	KNX Group Address
name	String	Name
type	String	DPT Type
description	String	Description
readOnInit	Boolean	Read on Initialization Flag Allowed values: true, false

- Success-Response (Project) [#success-examples-KNX-getKNXGroupAddresses-0\_2\_8-0]
- Success-Response (user-defined) [#success-examples-KNX-getKNXGroupAddresses-0\_2\_8-1]

```
[
  {
    addr: '2/1/36',
    name: 'FirstFloor_Kitchen_Wall_Dimmer',
    type: 'DPT_1.001',
    description: 'Kitchen Wall Dimmer',
    readOnInit: false
  },
  ...
]
```

```
[
  {
    addr: '1/1/10',
    name: 'My Group Address',
    type: 'DPT_1.001',
    description: '',
    readOnInit: true,
    created: 'Wed Jan 27 2016 07:54:34 GMT+0100 (CET)',
    lastUpdate: 'Wed Jan 27 2016 07:54:34 GMT+0100 (CET)'
  },
  ...
]
```

### Error-Codes

Name	Description
111	Unknown error occured

- Error-Response [#error-examples-KNX-getKNXGroupAddresses-0\_2\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## KNX - getKNXGroupAddresses

Get KNX Project Group Addresses

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	optional String	Project Name/ID or leave empty if you want to fetch the user-defined KNX Addresses

- Example [#parameter-examples-KNX-getKNXGroupAddresses-0\_1\_8-0]

```
{
  name: "MyHome.esf"
}
```

### Success

Field	Type	Description
Array	Object[]	with Objects
Object	Object	Group Address Object
addr	String	KNX Group Address
name	String	Name
type	String	DPT Type
description	String	Description

- Success-Response (Project) [#success-examples-KNX-getKNXGroupAddresses-0\_1\_8-0]
- Success-Response (user-defined) [#success-examples-KNX-getKNXGroupAddresses-0\_1\_8-1]

```
[
  { addr: '2/1/36',
    name: 'FirstFloor_Kitchen_Wall_Dimmer',
    type: 'DPT_1.001',
    description: 'Kitchen Wall Dimmer'
  },
  ...
]
```

```
[
  { addr: '1/1/10',
    name: 'My Group Address',
    type: 'DPT_1.001',
    description: ''
  }
]
```

```

    created: 'Wed Jan 27 2016 07:54:34 GMT+0100 (CET)',
    lastUpdate: 'Wed Jan 27 2016 07:54:34 GMT+0100 (CET)'
  },
  ...
]

```

### Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-KNX-getKNXGroupAddresses-0\_1\_8-0]

```

{
  errorCode: 111,
  errorText: "Unknown error occurred"
}

```

## KNX - getKNXGroupAddresses

Get KNX Project Group Addresses

EMIT

```
/config
```

### Parameter

Field	Type	Description
name	optional String	Project Name/ID or leave empty if you want to fetch the user-defined KNX Addresses

- Example [#parameter-examples-KNX-getKNXGroupAddresses-0\_1\_5-0]

```

{
  name: "MyHome.esf"
}

```

- Success-Response [#success-examples-KNX-getKNXGroupAddresses-0\_1\_5-0]

```

{'2/1/36':
  { name: 'FirstFloor_Kitchen_Wall_Dimmer',
    type: 'DPT_1.001',
    description: 'Kitchen Wall Dimmer'
  },
  ...
}

```

### Error-Codes

Name	Description
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-KNX-getKNXGroupAddresses-0\_1\_5-0]

```

{
  errorCode: 112,
  errorText: "Not found"
}

```

## KNX - getKNXMainGroups

## Get KNX Project Main Group Address Informations

EMIT

/api/v1

## Parameter

Field	Type	Description
name	String	Project Name/ID
sortBy <span style="float: right;">optional</span>	String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Example [#parameter-examples-KNX-getKNXMainGroups-0\_1\_8-0]
- Sorting Example [#parameter-examples-KNX-getKNXMainGroups-0\_1\_8-1]

```
{
  name: 'MyHome.esf'
}
```

```
{
  name: 'MyHome.esf',
  sortBy: ['-addr']
}
```

## Success

Field	Type	Description
Array	Object[]	with Objects
Object	Object	Group Address Object
addr	String	KNX Group Address
name	String	Name

- Success-Response [#success-examples-KNX-getKNXMainGroups-0\_1\_8-0]

```
[{addr: '4', name: 'Shutters'},
 {addr: '3', name: 'Heating'},
 {addr: '2', name: 'Dimming'},
 {addr: '1', name: 'Switching'},
 {addr: '0', name: 'Central'}
]
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-KNX-getKNXMainGroups-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## KNX - getKNXMainGroups

EMIT IX Project Main Group Address Informations



```
/config
```

### Parameter

Field	Type	Description
name	String	Project Name/ID

- Example [#parameter-examples-KNX-getKNXMainGroups-0\_1\_5-0]

```
{
  name: "MyHome.esf"
}
```

- Success-Response [#success-examples-KNX-getKNXMainGroups-0\_1\_5-0]

```
{"4": { name: 'Shutters' },
"3": { name: 'Heating' },
"2": { name: 'Dimming' },
"1": { name: 'Switching' },
"0": { name: 'Central' }
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-KNX-getKNXMainGroups-0\_1\_5-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## KNX - getKNXMiddleGroups

Get KNX Project Middle Group Address Informations

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Project Name/ID
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Example [#parameter-examples-KNX-getKNXMiddleGroups-0\_1\_8-0]
- Sorting Example [#parameter-examples-KNX-getKNXMiddleGroups-0\_1\_8-1]

```
{
  name: 'MyHome.esf'
}
```

```
{
  name: 'MyHome.esf',

```

```
sortBy: ['name']
}
```

### Success

Field	Type	Description
Array	Object[]	with Objects
Object	Object	Group Address Object
addr	String	KNX Group Address
name	String	Name

- Success-Response [#success-examples-KNX-getKNXMiddleGroups-0\_1\_8-0]

```
[{addr: '3/0', name: 'Groups'},
 {addr: '4/1', name: 'Heating'},
 {addr: '1/2', name: 'Garden'},
 {addr: '0/1', name: 'Central'},
 {addr: '1/1', name: 'House'},
 {addr: '3/1', name: 'Shutters'},
 {addr: '0/0', name: 'Weather Station'}
]
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error ocured

- Error-Response [#error-examples-KNX-getKNXMiddleGroups-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## KNX - getKNXMiddleGroups

Get KNX Project Middle Group Address Informations

EMIT

```
/config
```

### Parameter

Field	Type	Description
name	String	Project Name/ID

- Example [#parameter-examples-KNX-getKNXMiddleGroups-0\_1\_5-0]

```
{
  name: "MyHome.esf"
}
```

- Success-Response [#success-examples-KNX-getKNXMiddleGroups-0\_1\_5-0]

```
{'3/0': { name: 'Groups' },
 '4/1': { name: 'Heating' },
 '1/2': { name: 'Garden' },
 '0/1': { name: 'Central' },
```

```
'1/1': { name: 'House' },
'3/1': { name: 'Shutters' },
'0/0': { name: 'Weather Station' }
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-KNX-getKNXMiddleGroups-0\_1\_5-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## KNX - getKNXProjects

Get KNX Projects List and Meta Informations

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-KNX-getKNXProjects-0\_1\_8-0]

```
{
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
Array	Object[]	with Objects
Object	Object	Project Object
file	String	Filename
name	String	Name
version	String	Version Number
addrForm	Integer	Address Format/Style
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update

- Success-Response [#success-examples-KNX-getKNXProjects-0\_1\_8-0]

```
[{
  file: "MyHome.esf",
  name: "My Home",
  version: "1.11",
  addrForm: 3,
  created: "Wed Sep 16 2015 02:00:00 GMT+0200 (CEST)",
  lastUpdate: "Wed Sep 16 2015 02:00:00 GMT+0200 (CEST)"
}]
```

### Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-KNX-getKNXProjects-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## KNX - getKNXProjects

Get KNX Projects List

EMIT

```
/config
```

- Success-Response [#success-examples-KNX-getKNXProjects-0\_1\_5-0]

```
[
  "MyHome.esf"
]
```

### Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-KNX-getKNXProjects-0\_1\_5-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## KNX - knxImportError

Update Event when Error occurs on KNX File Import

ON/EVENT

```
/api/v1
```

### Error

Name	Type	Description
errorText	String	Error-Text

- Error-Response [#error-examples-KNX-knxImportError-0\_1\_8-0]

```
{
  errorText: "Unable to detect or wrong KNX file format!"
}
```

## KNX - knxImportFinished

Update Event when KNX File Import finished

ON/EVENT

/api/v1

### Response

Field	Type	Description
object	Object	Result Object
addresses	Object[]	Array with Objects
Object	Object	Group Address Object
addr	String	KNX Group Address
name	String	Name
type	String	DPT Type
description	String	Description
duplicates	String[]	List of Group Addresses which are already existing in the system and has not been imported
devices	Object[]	Array with Auto-generated Devices
Object	Object	Device Object
id	String	ID
name	String	Name
Description	String	Description
type	String	Type
meta	Object	Meta Informations
addresses	Object	Group Addresses

- Response [#success-examples-KNX-knxImportFinished-0\_2\_0-0]

```
{
  addresses: [
    { addr: '2/1/36',
      name: 'FirstFloor_Kitchen_Wall_Dimmer',
      type: 'DPT_1.001',
      description: 'Kitchen Wall Dimmer'
    },
    ...
  ],
  duplicates: ['1/1/1', '1/1/2'],
```

```

    devices: [
      { id: '628494305',
        name: 'TXA663A - 1 - 3',
        description: '',
        type: 'DimmableLight',
        meta: {},
        addresses: {TargetAddress: "2/4/29"},
      },
      ...
    ],
  }
}

```

## KNX - knxImportProgress

Update Event when Progress of KNX Import File Parsing is changing

ON/EVENT

```
/api/v1
```

### Response

Field	Type	Description
percent	Integer	Percent finished

- Example [#success-examples-KNX-knxImportProgress-0\_1\_8-0]

```
{
  percent: 75
}
```

- Error-Response [#error-examples-KNX-knxImportProgress-0\_1\_8-0]

```
// "When a unexpected error occurs"
{
  percent: -1
}
```

## KNX - knxRemoveProgress

Update Event when Progress of KNX Project File Remove is changing

ON/EVENT

```
/api/v1
```

### Response

Field	Type	Description
percent	Integer	Percent finished

- Example [#success-examples-KNX-knxRemoveProgress-0\_1\_9-0]

```
{
  percent: 75
}
```

- Error-Response [#error-examples-KNX-knxRemoveProgress-0\_1\_9-0]

```
// "When a unexpected error occurs"
{
  percent: -1
}
```

## KNX - knxStateChange

Update Event when KNX State Events get fired

ON/EVENT

/api/v1

### Success

Field	Type	Description
sid	String	System ID
status	String	Status Allowed values: <code>connected</code> , <code>disconnected</code>

- Idle Response [#success-examples-KNX-knxStateChange-0\_2\_13-0]

```
{
  sid: 'NS123456789',
  status: 'connected'
}
```

## KNX - removeKNXGroupAddress

Remove a KNX Group Address

EMIT

/api/v1

### Parameter

Field	Type	Description
addr	String	KNX Address

- Example [#parameter-examples-KNX-removeKNXGroupAddress-0\_2\_13-0]

```
{
  addr: "2/1/36"
}
```

- Success-Response [#success-examples-KNX-removeKNXGroupAddress-0\_2\_13-0]

true

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
121	Dependency error

- Error-Response 1 [#error-examples-KNX-removeKNXGroupAddress-0\_2\_13-0]
- Error-Response 2 [#error-examples-KNX-removeKNXGroupAddress-0\_2\_13-1]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

```
{
  errorCode: 121,
  errorText: "Dependency error",
  dependencies: {events: ["E10", "E11"], scenes: []}
}
```

## KNX - removeKNXGroupAddress

Remove a user-defined KNX Group Address

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
addr	String	KNX Address

- Example [#parameter-examples-KNX-removeKNXGroupAddress-0\_2\_0-0]

```
{
  addr: "2/1/36"
}
```

- Success-Response [#success-examples-KNX-removeKNXGroupAddress-0\_2\_0-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
121	Dependency error

- Error-Response 1 [#error-examples-KNX-removeKNXGroupAddress-0\_2\_0-0]
- Error-Response 2 [#error-examples-KNX-removeKNXGroupAddress-0\_2\_0-1]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

```
{
  errorCode: 121,
  errorText: "Dependency error",
  dependencies: {events: ["E10", "E11"], scenes: []}
}
```

## KNX - removeKNXGroupAddress



Remove a user-defined KNX Group Address

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
addr	String	KNX Address

- Example [#parameter-examples-KNX-removeKNXGroupAddress-0\_1\_9-0]

```
{
  addr: "2/1/36"
}
```

- Success-Response [#success-examples-KNX-removeKNXGroupAddress-0\_1\_9-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
121	Dependency error

- Error-Response 1 [#error-examples-KNX-removeKNXGroupAddress-0\_1\_9-0]
- Error-Response 2 [#error-examples-KNX-removeKNXGroupAddress-0\_1\_9-1]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

```
{
  errorCode: 121,
  errorText: "Dependency error",
  dependencies: {events: ["E10", "E11"], scenes: []}
}
```

## KNX - removeKNXGroupAddress

Remove a user-defined KNX Group Address

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
addr	String	KNX Address

- Example [#parameter-examples-KNX-removeKNXGroupAddress-0\_1\_8-0]

```
{
  addr: "2/1/36"
}
```

```
}
}
```

- Success-Response [#success-examples-KNX-removeKNXGroupAddress-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-KNX-removeKNXGroupAddress-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## KNX - removeKNXProject

Remove a KNX Project

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Project Name/ID
force <span style="float: right;">optional</span>	Boolean	Force to remove Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>

- Example [#parameter-examples-KNX-removeKNXProject-0\_2\_0-0]

```
{
  name: "MyHome.esf"
}
```

- Success-Response [#success-examples-KNX-removeKNXProject-0\_2\_0-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
121	Dependency error

- Error-Response 1 [#error-examples-KNX-removeKNXProject-0\_2\_0-0]
- Error-Response 2 [#error-examples-KNX-removeKNXProject-0\_2\_0-1]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

```
{
  errorCode: 121,
  errorText: "Dependency error",
  dependencies: {events: ["E10", "E11"], scenes: []}
}
```

## KNX - removeKNXProject

Remove a KNX Project

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Project Name/ID
force <span style="float: right;">optional</span>	Boolean	Force to remove Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>

- Example [#parameter-examples-KNX-removeKNXProject-0\_1\_9-0]

```
{
  name: "MyHome.esf"
}
```

- Success-Response [#success-examples-KNX-removeKNXProject-0\_1\_9-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
121	Dependency error

- Error-Response 1 [#error-examples-KNX-removeKNXProject-0\_1\_9-0]
- Error-Response 2 [#error-examples-KNX-removeKNXProject-0\_1\_9-1]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

```
{
  errorCode: 121,
```

```

    errorText: "Dependency error",
    dependencies: {events: ["E10", "E11"], scenes: []}
  }

```

## KNX - removeKNXProject

Remove a KNX Project

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Project Name/ID
force	optional Boolean	Force to remove Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>

- Example [#parameter-examples-KNX-removeKNXProject-0\_1\_8-0]

```

{
  name: "MyHome.esf"
}

```

- Success-Response [#success-examples-KNX-removeKNXProject-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-KNX-removeKNXProject-0\_1\_8-0]

```

{
  errorCode: 112,
  errorText: "Not found"
}

```

## KNX - removeKNXProject

Remove a KNX Project

EMIT

```
/config
```

### Parameter

Field	Type	Description
name	String	Project Name/ID

- Example [#parameter-examples-KNX-removeKNXProject-0\_1\_5-0]

```
{
  name: "MyHome.esf"
}
```

- Success-Response [#success-examples-KNX-removeKNXProject-0\_1\_5-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-KNX-removeKNXProject-0\_1\_5-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## KNX - setKNXGroupAddress

Set/Update a KNX Group Address

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
addr	String	KNX Address
name	optional String	Name
description	optional String	Description
type	optional String	DPT Type
readOnInit	optional Boolean	Read on Initialization Flag Allowed values: true, false

- Example [#parameter-examples-KNX-setKNXGroupAddress-0\_2\_9-0]

```
{
  addr: '2/1/36',
  name: 'Kitchen Wall Dimmer',
  description: 'Kitchen Wall Dimmer',
  readOnInit: true
}
```

- Success-Response [#success-examples-KNX-setKNXGroupAddress-0\_2\_9-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-KNX-setKNXGroupAddress-0\_2\_9-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Library

### Library - getLibraryByID

Get Profile Data/Informations out of the Library

EMIT

```
/api/v1
```

#### Parameter

Field	Type	Description
lid	String	Library ID

- Example [#parameter-examples-Library-getLibraryByID-0\_2\_9-0]
- Example Sonos [#parameter-examples-Library-getLibraryByID-0\_2\_9-1]

```
{
  lid: "knx.dimmer"
}
```

```
{
  lid: "sonos.default"
}
```

#### Success

Field	Type	Description
version	String	Library Version
description	String	Description
author	String	Author
className	String	Class Name
engineType	String	Engine Type
header	Object	Header Informations

Field	Type	Description
properties	Object	Properties/Actions
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
value	optional String	Fixed Value
join	optional String	(mremote) Join Type
min	optional Integer	Minimum Value (for UI)
max	optional Integer	Maximum Value (for UI)
internalMin	optional Integer	Minimum Value (Control-wise, Auto Scaling)
internalMax	optional Integer	Maximum Value (Control-wise, Auto Scaling)
valueList	optional Object[]	List of possible Key/Value Pairs
maxLength	optional Integer	Maximum Length
propertiesMeta	Object	Properties/Actions Meta Data
text	String	Text/Description
properties	Object[]	Child Elements
mappings	Object	Mappings/Feedbacks
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
join	optional String	(mremote) Join Type
valueList	optional Object[]	List of possible Key/Value Pairs
mappingsMeta	Object	Mappings/Feedbacks Meta Data
text	String	Text/Description
properties	Object[]	Child Elements

Field	Type	Description
hideMappings	optional Boolean	Hide Mappings? Allowed values: true, false
hideProperties	optional Boolean	Hide Properties? Allowed values: true, false
triggerTemplates	optional Object	Predefined Trigger/Mapping Templates
templateid	String	Unique Template Id
mapping	String	Mapping/Feedback Name
text	String	Text/Description
value	String	Predefined Value
icon	String	Icon
actionTemplates	optional Object	Predefined Property/Action Templates
templateid	String	Unique Template Id
mapping	String	Property/Action Name
text	String	Text/Description
value	String	Predefined Value
icon	String	Icon

- Success-Response (Dimmer) [#success-examples-Library-getLibraryByID-0\_2\_9-0]
- Success-Response (Sonos) [#success-examples-Library-getLibraryByID-0\_2\_9-1]

```
{
  version: "1.1",
  description: "KNX Dimmer Profile",
  author: "nomos system AG",
  className: "KNX",
  engineType: "KNX",
  header: {},
  properties: {
    switchon: {
      sizeInBit: 1,
      datatype: "bool",
      method: "set",
      property: "value",
      value: 1,
      join: "d"
    },
    switchoff: {
      sizeInBit: 1,
      datatype: "bool",
      method: "set",
      property: "value",
      value: 0,
      join: "d"
    },
    level: {
      sizeInBit: 8,
      datatype: "int",
      method: "set",
      property: "value",
      min: 0,

```



```

        max: 100,
        internalMin: 0,
        internalMax: 100,
        join: "a"
    }
},
propertiesMeta: {
    switch: {
        text: "Status Indication",
        properties: [
            "switchon",
            "switchoff"
        ]
    },
    level: {
        text: "Level Indication",
        properties: [
            "level"
        ]
    }
},
mappings: {
    switch: {
        sizeInBit: 1,
        datatype: "bool",
        method: "get",
        property: "value",
        join: "d"
    },
    level: {
        sizeInBit: 8,
        datatype: "int",
        method: "get",
        property: "value",
        join: "a"
    }
},
mappingsMeta: {
    switch: {
        text: "Status Indication",
        properties: [
            "switch"
        ]
    },
    level: {
        text: "Level Indication",
        properties: [
            "level"
        ]
    }
}
}

```

```

{
  "version": "1.3",
  "description": "Sonos Profile",
  "author": "nomos system AG",
  "className": "",
  "engineType": "SONOS",
  "properties": {
    "allfavorites": {
      "method": "get",
      "property": "allfavorites",
      "datatype": "null"
    },
    "allplaylists": {
      "method": "get",
      "property": "allplaylists",
      "datatype": "null"
    },
    "alltitlesofplaylist": {
      "method": "get",
      "property": "alltitlesofplaylist",
      "datatype": "string"
    },
    "favoritescovers": {
      "method": "cover",
      "source": "favorites",
      "datatype": "null"
    },
    "next": {
      "method": "command",
      "command": "next",

```

```

    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "play": {
    "method": "command",
    "command": "play",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "pause": {
    "method": "command",
    "command": "pause",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "playfavorite": {
    "method": "command",
    "command": "playfavorite",
    "datatype": "string"
  },
  "playlistcovers": {
    "method": "cover",
    "source": "playlist",
    "datatype": "null"
  },
  "playplaylist": {
    "method": "command",
    "command": "playplaylist",
    "datatype": "string"
  },
  "prev": {
    "method": "command",
    "command": "prev",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "stop": {
    "method": "command",
    "command": "stop",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "volume": {
    "method": "set",
    "property": "volume",
    "min": 0,
    "max": 100,
    "join": "a",
    "datatype": "int"
  }
},
"propertiesMeta": {
  "allfavorites": {
    "text": "Get all favorites",
    "properties": [
      "allfavorites"
    ]
  },
  "allplaylists": {
    "text": "Get all playlists",
    "properties": [
      "allplaylists"
    ]
  },
  "alltitlesofplaylist": {
    "text": "Get all titles of a playlist",
    "properties": [
      "alltitlesofplaylist"
    ]
  },
  "favoritescovers": {
    "text": "Get favorites covers",
    "properties": [
      "favoritescovers"
    ]
  },
  "next": {
    "text": "Play next",
    "properties": [

```

```

        "next"
      ]
    },
    "play": {
      "text": "Play",
      "properties": [
        "play"
      ]
    },
    "playfavorite": {
      "text": "Play favorite",
      "properties": [
        "playfavorite"
      ]
    },
    "playlistcovers": {
      "text": "Get playlist covers",
      "properties": [
        "playlistcovers"
      ]
    },
    "playplaylist": {
      "text": "Play playlist",
      "properties": [
        "playplaylist"
      ]
    },
    "prev": {
      "text": "Play previous",
      "properties": [
        "prev"
      ]
    },
    "stop": {
      "text": "Stopp",
      "properties": [
        "stop"
      ]
    },
    "volume": {
      "text": "Set Volume",
      "properties": [
        "volume"
      ]
    }
  },
  "mappings": {
    "ptime": {
      "method": "get",
      "property": "ptime",
      "join": "s",
      "volatile": true,
      "datatype": "string"
    },
    "ctime": {
      "method": "get",
      "property": "ctime",
      "join": "s",
      "datatype": "string"
    },
    "ptimep": {
      "method": "get",
      "property": "ptime",
      "join": "a",
      "volatile": true,
      "datatype": "int"
    },
    "volume": {
      "method": "get",
      "property": "volume",
      "min": 0,
      "max": 100,
      "join": "a",
      "datatype": "int"
    },
    "playerstate": {
      "method": "get",
      "property": "STATE",
      "datatype": "string",
      "valueList": [
        {
          "text": "Playing",
          "value": "PLAYING"
        }
      ]
    }
  },

```

```

        {
            "text": "Pausiert",
            "value": "PAUSED"
        },
        {
            "text": "Gestoppt",
            "value": "STOPPED"
        }
    ]
},
"album": {
    "method": "get",
    "property": "ALBUM",
    "datatype": "string"
},
"allfavorites": {
    "method": "get",
    "property": "ALLFAVORITES",
    "datatype": "stringlist"
},
"allplaylists": {
    "method": "get",
    "property": "ALLPLAYLISTS",
    "datatype": "stringlist"
},
"alltitlesofplaylist": {
    "method": "get",
    "property": "ALLTITLESOFPLAYLIST",
    "datatype": "stringlist"
},
"artist": {
    "method": "get",
    "property": "ARTIST",
    "datatype": "string"
},
"crossfade": {
    "method": "get",
    "property": "CROSSFADE",
    "datatype": "bool"
},
"index": {
    "method": "get",
    "property": "INDEX",
    "datatype": "int"
},
"repeat": {
    "method": "get",
    "property": "REPEAT",
    "datatype": "bool"
},
"shuffle": {
    "method": "get",
    "property": "SHUFFLE",
    "datatype": "bool"
},
"title": {
    "method": "get",
    "property": "TITLE",
    "datatype": "string"
},
"cover": {
    "method": "get",
    "property": "cover",
    "datatype": "base64"
}
},
"mappingsMeta": {
    "ptime": {
        "text": "Current playtime",
        "properties": [
            "ptime"
        ]
    },
    "ctime": {
        "text": "Entire playtime",
        "properties": [
            "ctime"
        ]
    },
    "ptimep": {
        "text": "Current playtime (percent)",
        "properties": [
            "ptimep"
        ]
    }
}

```

```

    },
    "volume": {
      "text": "Volume",
      "properties": [
        "volume"
      ]
    },
    },
    "playerstate": {
      "text": "Player state",
      "properties": [
        "playerstate"
      ]
    },
    },
    "album": {
      "text": "Album",
      "properties": [
        "album"
      ]
    },
    },
    "allfavorites": {
      "text": "All favorites",
      "properties": [
        "allfavorites"
      ]
    },
    },
    "allplaylists": {
      "text": "All playlists",
      "properties": [
        "allplaylists"
      ]
    },
    },
    "alltitlesofplaylist": {
      "text": "All titles of a playlist",
      "properties": [
        "alltitlesofplaylist"
      ]
    },
    },
    "artist": {
      "text": "Artist",
      "properties": [
        "artist"
      ]
    },
    },
    "crossfade": {
      "text": "Crossfade",
      "properties": [
        "crossfade"
      ]
    },
    },
    "index": {
      "text": "Index",
      "properties": [
        "index"
      ]
    },
    },
    "repeat": {
      "text": "Repeat",
      "properties": [
        "repeat"
      ]
    },
    },
    "shuffle": {
      "text": "Shuffle",
      "properties": [
        "shuffle"
      ]
    },
    },
    "title": {
      "text": "Title",
      "properties": [
        "title"
      ]
    },
    },
    "cover": {
      "text": "Cover",
      "properties": [
        "cover"
      ]
    }
  },
  "hideMappings": false,
  "triggerTemplates": [
    {
      "templateid": "state.playing",

```

```

    "mapping": "playerstate",
    "text": "is Playing",
    "value": "PLAYING",
    "icon": "play"
  },
  {
    "templateid": "state.paused",
    "mapping": "playerstate",
    "text": "is Paused",
    "value": "PAUSED",
    "icon": "pause"
  },
  {
    "templateid": "state.stopped",
    "mapping": "playerstate",
    "text": "is Stopped",
    "value": "STOPPED",
    "icon": "stop"
  },
  {
    "templateid": "volume",
    "mapping": "volume",
    "text": "Volume Level",
    "icon": "volume-up"
  }
],
"hideProperties": false,
"actionTemplates": [
  {
    "templateid": "play",
    "mapping": "play",
    "text": "Play",
    "icon": "play"
  },
  {
    "templateid": "next",
    "mapping": "next",
    "text": "Next Song",
    "icon": "step-forward"
  },
  {
    "templateid": "stop",
    "mapping": "stop",
    "text": "Stop",
    "icon": "stop"
  },
  {
    "templateid": "volume",
    "mapping": "volume",
    "text": "Volume Level",
    "icon": "volume-up"
  },
  {
    "templateid": "playlist",
    "mapping": "playplaylist",
    "text": "David Bowie",
    "value": "David Bowie",
    "icon": "play"
  }
]
}

```

## Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Library-getLibraryByID-0\_2\_9-0]

```

{
  errorCode: 112,
  errorText: "Not found"
}

```

## Library - getLibraryByID

Get Profile Data/Informations out of the Library

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
lid	String	Library ID

- Example [#parameter-examples-Library-getLibraryByID-0\_1\_8-0]
- Example Sonos [#parameter-examples-Library-getLibraryByID-0\_1\_8-1]

```
{
  lid: "knx.dimmer"
}
```

```
{
  lid: "sonos.default"
}
```

### Success

Field	Type	Description
version	String	Library Version
description	String	Description
author	String	Author
className	String	Class Name
engineType	String	Engine Type
properties	Object	Properties/Actions
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
value	optional String	Fixed Value
join	optional String	(mremote) Join Type
min	optional Integer	Minimum Value (for UI)
max	optional Integer	Maximum Value (for UI)
internalMin	optional Integer	Minimum Value (Control-wise, Auto Scaling)

Field		Type	Description
internalMax	optional	Integer	Maximum Value (Control-wise, Auto Scaling)
valueList	optional	Object[]	List of possible Key/Value Pairs
maxLength	optional	Integer	Maximum Length
propertiesMeta		Object	Properties/Actions Meta Data
text		String	Text/Description
properties		Object[]	Child Elements
mappings		Object	Mappings/Feedbacks
sizeInBit		Integer	Size in Bit
datatype		String	Datatype (see Data Types [#DATATYPES] for more Informations)
method		String	Method
property		String	Property Name
join	optional	String	(mremote) Join Type
valueList	optional	Object[]	List of possible Key/Value Pairs
mappingsMeta		Object	Mappings/Feedbacks Meta Data
text		String	Text/Description
properties		Object[]	Child Elements
hideMappings	optional	Boolean	Hide Mappings? Allowed values: true, false
hideProperties	optional	Boolean	Hide Properties? Allowed values: true, false
triggerTemplates	optional	Object	Predefined Trigger/Mapping Templates
templateid		String	Unique Template Id
mapping		String	Mapping/Feedback Name
text		String	Text/Description
value		String	Predefined Value
icon		String	Icon
actionTemplates	optional	Object	Predefined Property/Action Templates



Field	Type	Description
templateid	String	Unique Template Id
mapping	String	Property/Action Name
text	String	Text/Description
value	String	Predefined Value
icon	String	Icon

- Success-Response (Dimmer) [#success-examples-Library-getLibraryByID-0\_1\_8-0]
- Success-Response (Sonos) [#success-examples-Library-getLibraryByID-0\_1\_8-1]

```
{
  version: "1.1",
  description: "KNX Dimmer Profile",
  author: "nomos system AG",
  className: "KNX",
  engineType: "KNX",
  properties: {
    switchon: {
      sizeInBit: 1,
      datatype: "bool",
      method: "set",
      property: "value",
      value: 1,
      join: "d"
    },
    switchoff: {
      sizeInBit: 1,
      datatype: "bool",
      method: "set",
      property: "value",
      value: 0,
      join: "d"
    },
    level: {
      sizeInBit: 8,
      datatype: "int",
      method: "set",
      property: "value",
      min: 0,
      max: 100,
      internalMin: 0,
      internalMax: 100,
      join: "a"
    }
  },
  propertiesMeta: {
    switch: {
      text: "Status Indication",
      properties: [
        "switchon",
        "switchoff"
      ]
    },
    level: {
      text: "Level Indication",
      properties: [
        "level"
      ]
    }
  },
  mappings: {
    switch: {
      sizeInBit: 1,
      datatype: "bool",
      method: "get",
      property: "value",
      join: "d"
    },
    level: {
      sizeInBit: 8,
      datatype: "int",
      method: "get",

```

```

        property: "value",
        join: "a"
    }
},
mappingsMeta: {
    switch: {
        text: "Status Indication",
        properties: [
            "switch"
        ]
    },
    level: {
        text: "Level Indication",
        properties: [
            "level"
        ]
    }
}
}
}

```

```

{
    "version": "1.3",
    "description": "Sonos Profile",
    "author": "nomos system AG",
    "className": "",
    "engineType": "SONOS",
    "properties": {
        "allfavorites": {
            "method": "get",
            "property": "allfavorites",
            "datatype": "null"
        },
        "allplaylists": {
            "method": "get",
            "property": "allplaylists",
            "datatype": "null"
        },
        "alltitlesofplaylist": {
            "method": "get",
            "property": "alltitlesofplaylist",
            "datatype": "string"
        },
        "favoritescovers": {
            "method": "cover",
            "source": "favorites",
            "datatype": "null"
        },
        "next": {
            "method": "command",
            "command": "next",
            "value": 1,
            "join": "d",
            "datatype": "null"
        },
        "play": {
            "method": "command",
            "command": "play",
            "value": 1,
            "join": "d",
            "datatype": "null"
        },
        "pause": {
            "method": "command",
            "command": "pause",
            "value": 1,
            "join": "d",
            "datatype": "null"
        },
        "playfavorite": {
            "method": "command",
            "command": "playfavorite",
            "datatype": "string"
        },
        "playlistcovers": {
            "method": "cover",
            "source": "playlist",
            "datatype": "null"
        },
        "playplaylist": {
            "method": "command",
            "command": "playplaylist",
            "datatype": "string"
        },
    },
}

```

```

"prev": {
  "method": "command",
  "command": "prev",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"stop": {
  "method": "command",
  "command": "stop",
  "value": 1,
  "join": "d",
  "datatype": "null"
},
"volume": {
  "method": "set",
  "property": "volume",
  "min": 0,
  "max": 100,
  "join": "a",
  "datatype": "int"
}
},
"propertiesMeta": {
  "allfavorites": {
    "text": "Get all favorites",
    "properties": [
      "allfavorites"
    ]
  },
  "allplaylists": {
    "text": "Get all playlists",
    "properties": [
      "allplaylists"
    ]
  },
  "alltitlesofplaylist": {
    "text": "Get all titles of a playlist",
    "properties": [
      "alltitlesofplaylist"
    ]
  },
  "favoritescovers": {
    "text": "Get favorites covers",
    "properties": [
      "favoritescovers"
    ]
  },
  "next": {
    "text": "Play next",
    "properties": [
      "next"
    ]
  },
  "play": {
    "text": "Play",
    "properties": [
      "play"
    ]
  },
  "playfavorite": {
    "text": "Play favorite",
    "properties": [
      "playfavorite"
    ]
  },
  "playlistcovers": {
    "text": "Get playlist covers",
    "properties": [
      "playlistcovers"
    ]
  },
  "playplaylist": {
    "text": "Play playlist",
    "properties": [
      "playplaylist"
    ]
  },
  "prev": {
    "text": "Play previous",
    "properties": [
      "prev"
    ]
  }
},

```

```

"stop": {
  "text": "Stopp",
  "properties": [
    "stop"
  ]
},
"volume": {
  "text": "Set Volume",
  "properties": [
    "volume"
  ]
}
},
"mappings": {
  "ptime": {
    "method": "get",
    "property": "ptime",
    "join": "s",
    "volatile": true,
    "datatype": "string"
  },
  "ctime": {
    "method": "get",
    "property": "ctime",
    "join": "s",
    "datatype": "string"
  },
  "ptimep": {
    "method": "get",
    "property": "ptime",
    "join": "a",
    "volatile": true,
    "datatype": "int"
  },
  "volume": {
    "method": "get",
    "property": "volume",
    "min": 0,
    "max": 100,
    "join": "a",
    "datatype": "int"
  },
  "playerstate": {
    "method": "get",
    "property": "STATE",
    "datatype": "string",
    "valueList": [
      {
        "text": "Playing",
        "value": "PLAYING"
      },
      {
        "text": "Pausiert",
        "value": "PAUSED"
      },
      {
        "text": "Gestoppt",
        "value": "STOPPED"
      }
    ]
  },
  "album": {
    "method": "get",
    "property": "ALBUM",
    "datatype": "string"
  },
  "allfavorites": {
    "method": "get",
    "property": "ALLFAVORITES",
    "datatype": "stringlist"
  },
  "allplaylists": {
    "method": "get",
    "property": "ALLPLAYLISTS",
    "datatype": "stringlist"
  },
  "alltitlesofplaylist": {
    "method": "get",
    "property": "ALLTITLESOFPLAYLIST",
    "datatype": "stringlist"
  },
  "artist": {
    "method": "get",
    "property": "ARTIST",

```

```

    "datatype": "string"
  },
  "crossfade": {
    "method": "get",
    "property": "CROSSFADE",
    "datatype": "bool"
  },
  "index": {
    "method": "get",
    "property": "INDEX",
    "datatype": "int"
  },
  "repeat": {
    "method": "get",
    "property": "REPEAT",
    "datatype": "bool"
  },
  "shuffle": {
    "method": "get",
    "property": "SHUFFLE",
    "datatype": "bool"
  },
  "title": {
    "method": "get",
    "property": "TITLE",
    "datatype": "string"
  },
  "cover": {
    "method": "get",
    "property": "cover",
    "datatype": "base64"
  }
},
"mappingsMeta": {
  "ptime": {
    "text": "Current playtime",
    "properties": [
      "ptime"
    ]
  },
  "ctime": {
    "text": "Entire playtime",
    "properties": [
      "ctime"
    ]
  },
  "ptimep": {
    "text": "Current playtime (percent)",
    "properties": [
      "ptimep"
    ]
  },
  "volume": {
    "text": "Volume",
    "properties": [
      "volume"
    ]
  },
  "playerstate": {
    "text": "Player state",
    "properties": [
      "playerstate"
    ]
  },
  "album": {
    "text": "Album",
    "properties": [
      "album"
    ]
  },
  "allfavorites": {
    "text": "All favorites",
    "properties": [
      "allfavorites"
    ]
  },
  "allplaylists": {
    "text": "All playlists",
    "properties": [
      "allplaylists"
    ]
  },
  "alltitlesofplaylist": {
    "text": "All titles of a playlist",

```

```

    "properties": [
      "alltitlesofplaylist"
    ]
  },
  "artist": {
    "text": "Artist",
    "properties": [
      "artist"
    ]
  },
  "crossfade": {
    "text": "Crossfade",
    "properties": [
      "crossfade"
    ]
  },
  "index": {
    "text": "Index",
    "properties": [
      "index"
    ]
  },
  "repeat": {
    "text": "Repeat",
    "properties": [
      "repeat"
    ]
  },
  "shuffle": {
    "text": "Shuffle",
    "properties": [
      "shuffle"
    ]
  },
  "title": {
    "text": "Title",
    "properties": [
      "title"
    ]
  },
  "cover": {
    "text": "Cover",
    "properties": [
      "cover"
    ]
  }
},
"hideMappings": false,
"triggerTemplates": [
  {
    "templateid": "state.playing",
    "mapping": "playerstate",
    "text": "is Playing",
    "value": "PLAYING",
    "icon": "play"
  },
  {
    "templateid": "state.paused",
    "mapping": "playerstate",
    "text": "is Paused",
    "value": "PAUSED",
    "icon": "pause"
  },
  {
    "templateid": "state.stopped",
    "mapping": "playerstate",
    "text": "is Stopped",
    "value": "STOPPED",
    "icon": "stop"
  },
  {
    "templateid": "volume",
    "mapping": "volume",
    "text": "Volume Level",
    "icon": "volume-up"
  }
],
"hideProperties": false,
"actionTemplates": [
  {
    "templateid": "play",
    "mapping": "play",
    "text": "Play",
    "icon": "play"
  }
]

```

```

    },
    {
      "templateid": "next",
      "mapping": "next",
      "text": "Next Song",
      "icon": "step-forward"
    },
    {
      "templateid": "stop",
      "mapping": "stop",
      "text": "Stop",
      "icon": "stop"
    },
    {
      "templateid": "volume",
      "mapping": "volume",
      "text": "Volume Level",
      "icon": "volume-up"
    },
    {
      "templateid": "playlist",
      "mapping": "playplaylist",
      "text": "David Bowie",
      "value": "David Bowie",
      "icon": "play"
    }
  ]
}

```

## Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Library-getLibraryByID-0\_1\_8-0]

```

{
  errorCode: 112,
  errorText: "Not found"
}

```

## Library - getLibraryByID

Get Profile Data/Informations out of the Library

EMIT

```
/config
```

### Parameter

Field	Type	Description
lid	String	Library ID

- Example [#parameter-examples-Library-getLibraryByID-0\_1\_6-0]

```

{
  lid: "knx.dimmer"
}

```

- Success-Response [#success-examples-Library-getLibraryByID-0\_1\_6-0]

```

{
  version: "1.0",
  description: "KNX Dimmer Profile",
  author: "nomos system AG",
  className: "KNX",
  engineType: "KNX",
  properties: {

```

```

    switchon: {
      method: "set",
      property: "value",
      value: 1,
      join: "d"
    },
    switchoff: {
      method: "set",
      property: "value",
      value: 0,
      join: "d"
    },
    level: {
      method: "set",
      property: "value",
      min: 0,
      max: 100,
      join: "a"
    }
  },
  propertiesMeta: {
    switch: {
      text: "Status Indication",
      properties: [
        "switchon",
        "switchoff"
      ]
    },
    level: {
      text: "Level Indication",
      properties: [
        "level"
      ]
    }
  },
  mappings: {
    switch: {
      method: "get",
      property: "value",
      join: "d"
    },
    level: {
      method: "get",
      property: "value",
      join: "a"
    }
  },
  mappingsMeta: {
    switch: {
      text: "Status Indication",
      mappings: [
        "switch"
      ]
    },
    level: {
      text: "Level Indication",
      mappings: [
        "level"
      ]
    }
  }
}

```

## Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- [Error-Response \[#error-examples-Library-getLibraryByID-0\\_1\\_6-0\]](#)

```

{
  errorCode: 112,
  errorText: "Not found"
}

```



## Library - getLibraryByProfile

Get Profile Data/Informations out of the Library

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name
capabilities	optional String[]	Capabilities

- Example Dimmer [#parameter-examples-Library-getLibraryByProfile-0\_2\_9-0]
- Example Sonos [#parameter-examples-Library-getLibraryByProfile-0\_2\_9-1]

```
{
  name: "knx_switch",
  capabilities: ["switch_multilevel_knx"]
}
```

```
{
  name: "sonos"
}
```

### Success

Field	Type	Description
version	String	Library Version
description	String	Description
author	String	Author
className	String	Class Name
engineType	String	Engine Type
header	Object	Header Informations
properties	Object	Properties/Actions
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
value	optional String	Fixed Value
join	optional String	(mremote) Join Type
min	optional Integer	Minimum Value (for UI)

Field		Type	Description
max	optional	Integer	Maximum Value (for UI)
internalMin	optional	Integer	Minimum Value (Control-wise, Auto Scaling)
internalMax	optional	Integer	Maximum Value (Control-wise, Auto Scaling)
maxLength	optional	Integer	Maximum Length
valueList	optional	Object[]	List of possible Key/Value Pairs
propertiesMeta		Object	Properties/Actions Meta Data
text		String	Text/Description
properties		Object[]	Child Elements
mappings		Object	Mappings/Feedbacks
sizeInBit		Integer	Size in Bit
datatype		String	Datatype (see Data Types [#DATATYPES] for more Informations)
method		String	Method
property		String	Property Name
onChange	optional	Boolean	Trigger always or just on change Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>
join	optional	String	(mremote) Join Type
valueList	optional	Object[]	List of possible Key/Value Pairs
mappingsMeta		Object	Mappings/Feedbacks Meta Data
text		String	Text/Description
properties		Object[]	Child Elements
hideMappings	optional	Boolean	Hide Mappings? Allowed values: <code>true</code> , <code>false</code>
hideProperties	optional	Boolean	Hide Properties? Allowed values: <code>true</code> , <code>false</code>
triggerTemplates	optional	Object	Predefined Trigger/Mapping Templates
templateid		String	Unique Template Id

Field	Type	Description
mapping	String	Mapping/Feedback Name
text	String	Text/Description
value	String	Predefined Value
icon	String	Icon
actionTemplates	optional Object	Predefined Property/Action Templates
templateid	String	Unique Template Id
mapping	String	Property/Action Name
text	String	Text/Description
value	String	Predefined Value
icon	String	Icon

- Success-Response (Dimmer) [#success-examples-Library-getLibraryByProfile-0\_2\_9-0]
- Success-Response (Sonos) [#success-examples-Library-getLibraryByProfile-0\_2\_9-1]

```
{
  version: "1.1",
  description: "KNX Dimmer Profile",
  author: "nomos system AG",
  className: "KNX",
  engineType: "KNX",
  header: {},
  properties: {
    switchon: {
      sizeInBit: 1,
      datatype: "bool",
      method: "set",
      property: "value",
      value: 1,
      join: "d"
    },
    switchoff: {
      sizeInBit: 1,
      datatype: "bool",
      method: "set",
      property: "value",
      value: 0,
      join: "d"
    },
    level: {
      sizeInBit: 8,
      datatype: "int",
      method: "set",
      property: "value",
      min: 0,
      max: 100,
      internalMin: 0,
      internalMax: 100,
      join: "a"
    }
  },
  propertiesMeta: {
    switch: {
      text: "Status Indication",
      properties: [
        "switchon",
        "switchoff"
      ]
    },
    level: {
      text: "Level Indication",
      properties: [
```

```

        "level"
      ]
    }
  },
  mappings: {
    switch: {
      sizeInBit: 1,
      datatype: "bool",
      method: "get",
      property: "value",
      join: "d"
    },
    level: {
      sizeInBit: 8,
      datatype: "int",
      method: "get",
      property: "value",
      join: "a"
    }
  },
  mappingsMeta: {
    switch: {
      text: "Status Indication",
      properties: [
        "switch"
      ]
    },
    level: {
      text: "Level Indication",
      properties: [
        "level"
      ]
    }
  }
}

```

```

{
  "version": "1.3",
  "description": "Sonos Profile",
  "author": "nomos system AG",
  "className": "",
  "engineType": "SONOS",
  "properties": {
    "allfavorites": {
      "method": "get",
      "property": "allfavorites",
      "datatype": "null"
    },
    "allplaylists": {
      "method": "get",
      "property": "allplaylists",
      "datatype": "null"
    },
    "alltitlesofplaylist": {
      "method": "get",
      "property": "alltitlesofplaylist",
      "datatype": "string"
    },
    "favoritescovers": {
      "method": "cover",
      "source": "favorites",
      "datatype": "null"
    },
    "next": {
      "method": "command",
      "command": "next",
      "value": 1,
      "join": "d",
      "datatype": "null"
    },
    "play": {
      "method": "command",
      "command": "play",
      "value": 1,
      "join": "d",
      "datatype": "null"
    },
    "pause": {
      "method": "command",
      "command": "pause",
      "value": 1,
      "join": "d",
      "datatype": "null"
    }
  }
}

```

```

    },
    "playfavorite": {
      "method": "command",
      "command": "playfavorite",
      "datatype": "string"
    },
    "playlistcovers": {
      "method": "cover",
      "source": "playlist",
      "datatype": "null"
    },
    "playplaylist": {
      "method": "command",
      "command": "playplaylist",
      "datatype": "string"
    },
    "prev": {
      "method": "command",
      "command": "prev",
      "value": 1,
      "join": "d",
      "datatype": "null"
    },
    "stop": {
      "method": "command",
      "command": "stop",
      "value": 1,
      "join": "d",
      "datatype": "null"
    },
    "volume": {
      "method": "set",
      "property": "volume",
      "min": 0,
      "max": 100,
      "join": "a",
      "datatype": "int"
    }
  },
  "propertiesMeta": {
    "allfavorites": {
      "text": "Get all favorites",
      "properties": [
        "allfavorites"
      ]
    },
    "allplaylists": {
      "text": "Get all playlists",
      "properties": [
        "allplaylists"
      ]
    },
    "alltitlesofplaylist": {
      "text": "Get all titles of a playlist",
      "properties": [
        "alltitlesofplaylist"
      ]
    },
    "favoritescovers": {
      "text": "Get favorites covers",
      "properties": [
        "favoritescovers"
      ]
    },
    "next": {
      "text": "Play next",
      "properties": [
        "next"
      ]
    },
    "play": {
      "text": "Play",
      "properties": [
        "play"
      ]
    },
    "playfavorite": {
      "text": "Play favorite",
      "properties": [
        "playfavorite"
      ]
    },
    "playlistcovers": {
      "text": "Get playlist covers",

```

```

    "properties": [
      "playlistcovers"
    ]
  },
  "playplaylist": {
    "text": "Play playlist",
    "properties": [
      "playplaylist"
    ]
  },
  "prev": {
    "text": "Play previous",
    "properties": [
      "prev"
    ]
  },
  "stop": {
    "text": "Stopp",
    "properties": [
      "stop"
    ]
  },
  "volume": {
    "text": "Set Volume",
    "properties": [
      "volume"
    ]
  }
},
"mappings": {
  "ptime": {
    "method": "get",
    "property": "ptime",
    "join": "s",
    "volatile": true,
    "datatype": "string"
  },
  "ctime": {
    "method": "get",
    "property": "ctime",
    "join": "s",
    "datatype": "string"
  },
  "ptimep": {
    "method": "get",
    "property": "ptime",
    "join": "a",
    "volatile": true,
    "datatype": "int"
  },
  "volume": {
    "method": "get",
    "property": "volume",
    "min": 0,
    "max": 100,
    "join": "a",
    "datatype": "int"
  },
  "playerstate": {
    "method": "get",
    "property": "STATE",
    "datatype": "string",
    "valueList": [
      {
        "text": "Playing",
        "value": "PLAYING"
      },
      {
        "text": "Pausiert",
        "value": "PAUSED"
      },
      {
        "text": "Gestoppt",
        "value": "STOPPED"
      }
    ]
  },
  "album": {
    "method": "get",
    "property": "ALBUM",
    "datatype": "string"
  },
  "allfavorites": {
    "method": "get",

```

```

    "property": "ALLFAVORITES",
    "datatype": "stringlist"
  },
  "allplaylists": {
    "method": "get",
    "property": "ALLPLAYLISTS",
    "datatype": "stringlist"
  },
  "alltitlesofplaylist": {
    "method": "get",
    "property": "ALLTITLESOFPLAYLIST",
    "datatype": "stringlist"
  },
  "artist": {
    "method": "get",
    "property": "ARTIST",
    "datatype": "string"
  },
  "crossfade": {
    "method": "get",
    "property": "CROSSFADE",
    "datatype": "bool"
  },
  "index": {
    "method": "get",
    "property": "INDEX",
    "datatype": "int"
  },
  "repeat": {
    "method": "get",
    "property": "REPEAT",
    "datatype": "bool"
  },
  "shuffle": {
    "method": "get",
    "property": "SHUFFLE",
    "datatype": "bool"
  },
  "title": {
    "method": "get",
    "property": "TITLE",
    "datatype": "string"
  },
  "cover": {
    "method": "get",
    "property": "cover",
    "datatype": "base64"
  }
},
"mappingsMeta": {
  "ptime": {
    "text": "Current playtime",
    "properties": [
      "ptime"
    ]
  },
  "ctime": {
    "text": "Entire playtime",
    "properties": [
      "ctime"
    ]
  },
  "ptimep": {
    "text": "Current playtime (percent)",
    "properties": [
      "ptimep"
    ]
  },
  "volume": {
    "text": "Volume",
    "properties": [
      "volume"
    ]
  },
  "playerstate": {
    "text": "Player state",
    "properties": [
      "playerstate"
    ]
  },
  "album": {
    "text": "Album",
    "properties": [
      "album"
    ]
  }
}

```

```

    ]
  },
  "allfavorites": {
    "text": "All favorites",
    "properties": [
      "allfavorites"
    ]
  },
  "allplaylists": {
    "text": "All playlists",
    "properties": [
      "allplaylists"
    ]
  },
  "alltitlesofplaylist": {
    "text": "All titles of a playlist",
    "properties": [
      "alltitlesofplaylist"
    ]
  },
  "artist": {
    "text": "Artist",
    "properties": [
      "artist"
    ]
  },
  "crossfade": {
    "text": "Crossfade",
    "properties": [
      "crossfade"
    ]
  },
  "index": {
    "text": "Index",
    "properties": [
      "index"
    ]
  },
  "repeat": {
    "text": "Repeat",
    "properties": [
      "repeat"
    ]
  },
  "shuffle": {
    "text": "Shuffle",
    "properties": [
      "shuffle"
    ]
  },
  "title": {
    "text": "Title",
    "properties": [
      "title"
    ]
  },
  "cover": {
    "text": "Cover",
    "properties": [
      "cover"
    ]
  }
},
"hideMappings": false,
"triggerTemplates": [
  {
    "templateid": "state.playing",
    "mapping": "playerstate",
    "text": "Is Playing",
    "value": "PLAYING",
    "icon": "play"
  },
  {
    "templateid": "state.paused",
    "mapping": "playerstate",
    "text": "Is Paused",
    "value": "PAUSED",
    "icon": "pause"
  },
  {
    "templateid": "state.stopped",
    "mapping": "playerstate",
    "text": "Is Stopped",
    "value": "STOPPED",

```



```

        "icon": "stop"
      },
      {
        "templateid": "volume",
        "mapping": "volume",
        "text": "Volume Level",
        "icon": "volume-up"
      }
    ],
    "hideProperties": false,
    "actionTemplates": [
      {
        "templateid": "play",
        "mapping": "play",
        "text": "Play",
        "icon": "play"
      },
      {
        "templateid": "next",
        "mapping": "next",
        "text": "Next Song",
        "icon": "step-forward"
      },
      {
        "templateid": "stop",
        "mapping": "stop",
        "text": "Stop",
        "icon": "stop"
      },
      {
        "templateid": "volume",
        "mapping": "volume",
        "text": "Volume Level",
        "icon": "volume-up"
      },
      {
        "templateid": "playlist",
        "mapping": "playplaylist",
        "text": "David Bowie",
        "value": "David Bowie",
        "icon": "play"
      }
    ]
  }
}

```

## Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Library-getLibraryByProfile-0\_2\_9-0]

```

{
  errorCode: 112,
  errorText: "Not found"
}

```

## Library - getLibraryByProfile

Get Profile Data/Informations out of the Library

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name

Field	Type	Description
capabilities	optional String[]	Capabilities

- Example Dimmer [#parameter-examples-Library-getLibraryByProfile-0\_1\_9-0]
- Example Sonos [#parameter-examples-Library-getLibraryByProfile-0\_1\_9-1]

```
{
  name: "knx_switch",
  capabilities: ["switch_multilevel_knx"]
}
```

```
{
  name: "sonos"
}
```

## Success

Field	Type	Description
version	String	Library Version
description	String	Description
author	String	Author
className	String	Class Name
engineType	String	Engine Type
properties	Object	Properties/Actions
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
value	optional String	Fixed Value
join	optional String	(mremote) Join Type
min	optional Integer	Minimum Value (for UI)
max	optional Integer	Maximum Value (for UI)
internalMin	optional Integer	Minimum Value (Control-wise, Auto Scaling)
internalMax	optional Integer	Maximum Value (Control-wise, Auto Scaling)
maxLength	optional Integer	Maximum Length
valueList	optional Object[]	List of possible Key/Value Pairs
propertiesMeta	Object	Properties/Actions Meta Data

Field	Type	Description
text	String	Text/Description
properties	Object[]	Child Elements
mappings	Object	Mappings/Feedbacks
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
onChange	optional Boolean	Trigger always or just on change Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>
join	optional String	(mremote) Join Type
valueList	optional Object[]	List of possible Key/Value Pairs
mappingsMeta	Object	Mappings/Feedbacks Meta Data
text	String	Text/Description
properties	Object[]	Child Elements
hideMappings	optional Boolean	Hide Mappings? Allowed values: <code>true</code> , <code>false</code>
hideProperties	optional Boolean	Hide Properties? Allowed values: <code>true</code> , <code>false</code>
triggerTemplates	optional Object	Predefined Trigger/Mapping Templates
templateid	String	Unique Template Id
mapping	String	Mapping/Feedback Name
text	String	Text/Description
value	String	Predefined Value
icon	String	Icon
actionTemplates	optional Object	Predefined Property/Action Templates
templateid	String	Unique Template Id

Field	Type	Description
mapping	String	Property/Action Name
text	String	Text/Description
value	String	Predefined Value
icon	String	Icon

- Success-Response (Dimmer) [#success-examples-Library-getLibraryByProfile-0\_1\_9-0]
- Success-Response (Sonos) [#success-examples-Library-getLibraryByProfile-0\_1\_9-1]

```
{
  version: "1.1",
  description: "KNX Dimmer Profile",
  author: "nomos system AG",
  className: "KNX",
  engineType: "KNX",
  properties: {
    switchon: {
      sizeInBit: 1,
      datatype: "bool",
      method: "set",
      property: "value",
      value: 1,
      join: "d"
    },
    switchoff: {
      sizeInBit: 1,
      datatype: "bool",
      method: "set",
      property: "value",
      value: 0,
      join: "d"
    },
    level: {
      sizeInBit: 8,
      datatype: "int",
      method: "set",
      property: "value",
      min: 0,
      max: 100,
      internalMin: 0,
      internalMax: 100,
      join: "a"
    }
  },
  propertiesMeta: {
    switch: {
      text: "Status Indication",
      properties: [
        "switchon",
        "switchoff"
      ]
    },
    level: {
      text: "Level Indication",
      properties: [
        "level"
      ]
    }
  },
  mappings: {
    switch: {
      sizeInBit: 1,
      datatype: "bool",
      method: "get",
      property: "value",
      join: "d"
    },
    level: {
      sizeInBit: 8,
      datatype: "int",
      method: "get",
      property: "value",
      join: "a"
    }
  },
}
```

```

mappingsMeta: {
  switch: {
    text: "Status Indication",
    properties: [
      "switch"
    ]
  },
  level: {
    text: "Level Indication",
    properties: [
      "level"
    ]
  }
}
}

```

```

{
  "version": "1.3",
  "description": "Sonos Profile",
  "author": "nomos system AG",
  "className": "",
  "engineType": "SONOS",
  "properties": {
    "allfavorites": {
      "method": "get",
      "property": "allfavorites",
      "datatype": "null"
    },
    "allplaylists": {
      "method": "get",
      "property": "allplaylists",
      "datatype": "null"
    },
    "alltitlesofplaylist": {
      "method": "get",
      "property": "alltitlesofplaylist",
      "datatype": "string"
    },
    "favoritescovers": {
      "method": "cover",
      "source": "favorites",
      "datatype": "null"
    },
    "next": {
      "method": "command",
      "command": "next",
      "value": 1,
      "join": "d",
      "datatype": "null"
    },
    "play": {
      "method": "command",
      "command": "play",
      "value": 1,
      "join": "d",
      "datatype": "null"
    },
    "pause": {
      "method": "command",
      "command": "pause",
      "value": 1,
      "join": "d",
      "datatype": "null"
    },
    "playfavorite": {
      "method": "command",
      "command": "playfavorite",
      "datatype": "string"
    },
    "playlistcovers": {
      "method": "cover",
      "source": "playlist",
      "datatype": "null"
    },
    "playplaylist": {
      "method": "command",
      "command": "playplaylist",
      "datatype": "string"
    },
    "prev": {
      "method": "command",
      "command": "prev",
      "value": 1,

```

```

    "join": "d",
    "datatype": "null"
  },
  "stop": {
    "method": "command",
    "command": "stop",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "volume": {
    "method": "set",
    "property": "volume",
    "min": 0,
    "max": 100,
    "join": "a",
    "datatype": "int"
  }
},
"propertiesMeta": {
  "allfavorites": {
    "text": "Get all favorites",
    "properties": [
      "allfavorites"
    ]
  },
  "allplaylists": {
    "text": "Get all playlists",
    "properties": [
      "allplaylists"
    ]
  },
  "alltitlesofplaylist": {
    "text": "Get all titles of a playlist",
    "properties": [
      "alltitlesofplaylist"
    ]
  },
  "favoritescovers": {
    "text": "Get favorites covers",
    "properties": [
      "favoritescovers"
    ]
  },
  "next": {
    "text": "Play next",
    "properties": [
      "next"
    ]
  },
  "play": {
    "text": "Play",
    "properties": [
      "play"
    ]
  },
  "playfavorite": {
    "text": "Play favorite",
    "properties": [
      "playfavorite"
    ]
  },
  "playlistcovers": {
    "text": "Get playlist covers",
    "properties": [
      "playlistcovers"
    ]
  },
  "playplaylist": {
    "text": "Play playlist",
    "properties": [
      "playplaylist"
    ]
  },
  "prev": {
    "text": "Play previous",
    "properties": [
      "prev"
    ]
  },
  "stop": {
    "text": "Stopp",
    "properties": [
      "stop"
    ]
  }
}

```

```

    ]
  },
  "volume": {
    "text": "Set Volume",
    "properties": [
      "volume"
    ]
  }
},
"mappings": {
  "ptime": {
    "method": "get",
    "property": "ptime",
    "join": "s",
    "volatile": true,
    "datatype": "string"
  },
  "ctime": {
    "method": "get",
    "property": "ctime",
    "join": "s",
    "datatype": "string"
  },
  "ptimep": {
    "method": "get",
    "property": "ptime",
    "join": "a",
    "volatile": true,
    "datatype": "int"
  },
  "volume": {
    "method": "get",
    "property": "volume",
    "min": 0,
    "max": 100,
    "join": "a",
    "datatype": "int"
  },
  "playerstate": {
    "method": "get",
    "property": "STATE",
    "datatype": "string",
    "valueList": [
      {
        "text": "Playing",
        "value": "PLAYING"
      },
      {
        "text": "Pausiert",
        "value": "PAUSED"
      },
      {
        "text": "Gestoppt",
        "value": "STOPPED"
      }
    ]
  },
  "album": {
    "method": "get",
    "property": "ALBUM",
    "datatype": "string"
  },
  "allfavorites": {
    "method": "get",
    "property": "ALLFAVORITES",
    "datatype": "stringlist"
  },
  "allplaylists": {
    "method": "get",
    "property": "ALLPLAYLISTS",
    "datatype": "stringlist"
  },
  "alltitlesofplaylist": {
    "method": "get",
    "property": "ALLTITLESOFPLAYLIST",
    "datatype": "stringlist"
  },
  "artist": {
    "method": "get",
    "property": "ARTIST",
    "datatype": "string"
  },
  "crossfade": {
    "method": "get",

```

```

    "property": "CROSSFADE",
    "datatype": "bool"
  },
  "index": {
    "method": "get",
    "property": "INDEX",
    "datatype": "int"
  },
  "repeat": {
    "method": "get",
    "property": "REPEAT",
    "datatype": "bool"
  },
  "shuffle": {
    "method": "get",
    "property": "SHUFFLE",
    "datatype": "bool"
  },
  "title": {
    "method": "get",
    "property": "TITLE",
    "datatype": "string"
  },
  "cover": {
    "method": "get",
    "property": "cover",
    "datatype": "base64"
  }
},
"mappingsMeta": {
  "ptime": {
    "text": "Current playtime",
    "properties": [
      "ptime"
    ]
  },
  "ctime": {
    "text": "Entire playtime",
    "properties": [
      "ctime"
    ]
  },
  "ptimep": {
    "text": "Current playtime (percent)",
    "properties": [
      "ptimep"
    ]
  },
  "volume": {
    "text": "Volume",
    "properties": [
      "volume"
    ]
  },
  "playerstate": {
    "text": "Player state",
    "properties": [
      "playerstate"
    ]
  },
  "album": {
    "text": "Album",
    "properties": [
      "album"
    ]
  },
  "allfavorites": {
    "text": "All favorites",
    "properties": [
      "allfavorites"
    ]
  },
  "allplaylists": {
    "text": "All playlists",
    "properties": [
      "allplaylists"
    ]
  },
  "alltitlesofplaylist": {
    "text": "All titles of a playlist",
    "properties": [
      "alltitlesofplaylist"
    ]
  }
},

```



```

"artist": {
  "text": "Artist",
  "properties": [
    "artist"
  ]
},
"crossfade": {
  "text": "Crossfade",
  "properties": [
    "crossfade"
  ]
},
"index": {
  "text": "Index",
  "properties": [
    "index"
  ]
},
"repeat": {
  "text": "Repeat",
  "properties": [
    "repeat"
  ]
},
"shuffle": {
  "text": "Shuffle",
  "properties": [
    "shuffle"
  ]
},
"title": {
  "text": "Title",
  "properties": [
    "title"
  ]
},
"cover": {
  "text": "Cover",
  "properties": [
    "cover"
  ]
}
},
"hideMappings": false,
"triggerTemplates": [
  {
    "templateid": "state.playing",
    "mapping": "playerstate",
    "text": "Is Playing",
    "value": "PLAYING",
    "icon": "play"
  },
  {
    "templateid": "state.paused",
    "mapping": "playerstate",
    "text": "Is Paused",
    "value": "PAUSED",
    "icon": "pause"
  },
  {
    "templateid": "state.stopped",
    "mapping": "playerstate",
    "text": "Is Stopped",
    "value": "STOPPED",
    "icon": "stop"
  },
  {
    "templateid": "volume",
    "mapping": "volume",
    "text": "Volume Level",
    "icon": "volume-up"
  }
],
"hideProperties": false,
"actionTemplates": [
  {
    "templateid": "play",
    "mapping": "play",
    "text": "Play",
    "icon": "play"
  },
  {
    "templateid": "next",
    "mapping": "next",

```

```

    "text": "Next Song",
    "icon": "step-forward"
  },
  {
    "templateid": "stop",
    "mapping": "stop",
    "text": "Stop",
    "icon": "stop"
  },
  {
    "templateid": "volume",
    "mapping": "volume",
    "text": "Volume Level",
    "icon": "volume-up"
  },
  {
    "templateid": "playlist",
    "mapping": "playplaylist",
    "text": "David Bowie",
    "value": "David Bowie",
    "icon": "play"
  }
]
}

```

## Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Library-getLibraryByProfile-0\_1\_9-0]

```

{
  errorCode: 112,
  errorText: "Not found"
}

```

## Library - getLibraryByProfile

Get Profile Data/Informations out of the Library

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name
capabilities	optional String[]	Capabilities

- Example Dimmer [#parameter-examples-Library-getLibraryByProfile-0\_1\_8-0]
- Example Sonos [#parameter-examples-Library-getLibraryByProfile-0\_1\_8-1]

```

{
  name: "knx_switch",
  capabilities: ["switch_multilevel_knx"]
}

```

```

{
  name: "sonos"
}

```

### Success

Field	Type	Description
version	String	Library Version
description	String	Description
author	String	Author
className	String	Class Name
engineType	String	Engine Type
properties	Object	Properties/Actions
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
value	optional String	Fixed Value
join	optional String	(mremote) Join Type
min	optional Integer	Minimum Value (for UI)
max	optional Integer	Maximum Value (for UI)
internalMin	optional Integer	Minimum Value (Control-wise, Auto Scaling)
internalMax	optional Integer	Maximum Value (Control-wise, Auto Scaling)
valueList	optional Object[]	List of possible Key/Value Pairs
propertiesMeta	Object	Properties/Actions Meta Data
text	String	Text/Description
properties	Object[]	Child Elements
mappings	Object	Mappings/Feedbacks
sizeInBit	Integer	Size in Bit
datatype	String	Datatype (see Data Types [#DATATYPES] for more Informations)
method	String	Method
property	String	Property Name
join	optional String	(mremote) Join Type

Field	Type	Description
valueList	optional Object[]	List of possible Key/Value Pairs
mappingsMeta	Object	Mappings/Feedbacks Meta Data
text	String	Text/Description
properties	Object[]	Child Elements
hideMappings	optional Boolean	Hide Mappings? Allowed values: true, false
hideProperties	optional Boolean	Hide Properties? Allowed values: true, false
triggerTemplates	optional Object	Predefined Trigger/Mapping Templates
templateid	String	Unique Template Id
mapping	String	Mapping/Feedback Name
text	String	Text/Description
value	String	Predefined Value
icon	String	Icon
actionTemplates	optional Object	Predefined Property/Action Templates
templateid	String	Unique Template Id
mapping	String	Property/Action Name
text	String	Text/Description
value	String	Predefined Value
icon	String	Icon

- Success-Response (Dimmer) [#success-examples-Library-getLibraryByProfile-0\_1\_8-0]
- Success-Response (Sonos) [#success-examples-Library-getLibraryByProfile-0\_1\_8-1]

```
{
  version: "1.1",
  description: "KNX Dimmer Profile",
  author: "nomos system AG",
  className: "KNX",
  engineType: "KNX",
  properties: {
    switchon: {
      sizeInBit: 1,
      datatype: "bool",
      method: "set",
      property: "value",
      value: 1,
      join: "d"
    },
    switchoff: {
      sizeInBit: 1,
```

```

        datatype: "bool",
        method: "set",
        property: "value",
        value: 0,
        join: "d"
    },
    level: {
        sizeInBit: 8,
        datatype: "int",
        method: "set",
        property: "value",
        min: 0,
        max: 100,
        internalMin: 0,
        internalMax: 100,
        join: "a"
    }
},
propertiesMeta: {
    switch: {
        text: "Status Indication",
        properties: [
            "switchon",
            "switchoff"
        ]
    },
    level: {
        text: "Level Indication",
        properties: [
            "level"
        ]
    }
},
mappings: {
    switch: {
        sizeInBit: 1,
        datatype: "bool",
        method: "get",
        property: "value",
        join: "d"
    },
    level: {
        sizeInBit: 8,
        datatype: "int",
        method: "get",
        property: "value",
        join: "a"
    }
},
mappingsMeta: {
    switch: {
        text: "Status Indication",
        properties: [
            "switch"
        ]
    },
    level: {
        text: "Level Indication",
        properties: [
            "level"
        ]
    }
}
}

```

```

{
  "version": "1.3",
  "description": "Sonos Profile",
  "author": "nomos system AG",
  "className": "",
  "engineType": "SONOS",
  "properties": {
    "allfavorites": {
      "method": "get",
      "property": "allfavorites",
      "datatype": "null"
    },
    "allplaylists": {
      "method": "get",
      "property": "allplaylists",
      "datatype": "null"
    },
    "alltitlesofplaylist": {

```

```

    "method": "get",
    "property": "alltitlesofplaylist",
    "datatype": "string"
  },
  "favoritescovers": {
    "method": "cover",
    "source": "favorites",
    "datatype": "null"
  },
  "next": {
    "method": "command",
    "command": "next",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "play": {
    "method": "command",
    "command": "play",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "pause": {
    "method": "command",
    "command": "pause",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "playfavorite": {
    "method": "command",
    "command": "playfavorite",
    "datatype": "string"
  },
  "playlistcovers": {
    "method": "cover",
    "source": "playlist",
    "datatype": "null"
  },
  "playplaylist": {
    "method": "command",
    "command": "playplaylist",
    "datatype": "string"
  },
  "prev": {
    "method": "command",
    "command": "prev",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "stop": {
    "method": "command",
    "command": "stop",
    "value": 1,
    "join": "d",
    "datatype": "null"
  },
  "volume": {
    "method": "set",
    "property": "volume",
    "min": 0,
    "max": 100,
    "join": "a",
    "datatype": "int"
  }
},
"propertiesMeta": {
  "allfavorites": {
    "text": "Get all favorites",
    "properties": [
      "allfavorites"
    ]
  },
  "allplaylists": {
    "text": "Get all playlists",
    "properties": [
      "allplaylists"
    ]
  },
  "alltitlesofplaylist": {
    "text": "Get all titles of a playlist",
    "properties": [

```

```

        "alltitlesofplaylist"
    ]
},
"favoritescovers": {
    "text": "Get favorites covers",
    "properties": [
        "favoritescovers"
    ]
},
"next": {
    "text": "Play next",
    "properties": [
        "next"
    ]
},
"play": {
    "text": "Play",
    "properties": [
        "play"
    ]
},
"playfavorite": {
    "text": "Play favorite",
    "properties": [
        "playfavorite"
    ]
},
"playlistcovers": {
    "text": "Get playlist covers",
    "properties": [
        "playlistcovers"
    ]
},
"playplaylist": {
    "text": "Play playlist",
    "properties": [
        "playplaylist"
    ]
},
"prev": {
    "text": "Play previous",
    "properties": [
        "prev"
    ]
},
"stop": {
    "text": "Stopp",
    "properties": [
        "stop"
    ]
},
"volume": {
    "text": "Set Volume",
    "properties": [
        "volume"
    ]
}
},
"mappings": {
    "ptime": {
        "method": "get",
        "property": "ptime",
        "join": "s",
        "volatile": true,
        "datatype": "string"
    },
    "ctime": {
        "method": "get",
        "property": "ctime",
        "join": "s",
        "datatype": "string"
    },
    "ptimep": {
        "method": "get",
        "property": "ptime",
        "join": "a",
        "volatile": true,
        "datatype": "int"
    },
    "volume": {
        "method": "get",
        "property": "volume",
        "min": 0,
        "max": 100,

```

```

    "join": "a",
    "datatype": "int"
  },
  "state": {
    "method": "get",
    "property": "STATE",
    "datatype": "string",
    "valueList": [
      {
        "text": "Playing",
        "value": "PLAYING"
      },
      {
        "text": "Pausiert",
        "value": "PAUSED"
      },
      {
        "text": "Gestoppt",
        "value": "STOPPED"
      }
    ]
  },
  "album": {
    "method": "get",
    "property": "ALBUM",
    "datatype": "string"
  },
  "allfavorites": {
    "method": "get",
    "property": "ALLFAVORITES",
    "datatype": "stringlist"
  },
  "allplaylists": {
    "method": "get",
    "property": "ALLPLAYLISTS",
    "datatype": "stringlist"
  },
  "alltitlesofplaylist": {
    "method": "get",
    "property": "ALLTITLESOFPLAYLIST",
    "datatype": "stringlist"
  },
  "artist": {
    "method": "get",
    "property": "ARTIST",
    "datatype": "string"
  },
  "crossfade": {
    "method": "get",
    "property": "CROSSFADE",
    "datatype": "bool"
  },
  "index": {
    "method": "get",
    "property": "INDEX",
    "datatype": "int"
  },
  "repeat": {
    "method": "get",
    "property": "REPEAT",
    "datatype": "bool"
  },
  "shuffle": {
    "method": "get",
    "property": "SHUFFLE",
    "datatype": "bool"
  },
  "title": {
    "method": "get",
    "property": "TITLE",
    "datatype": "string"
  },
  "cover": {
    "method": "get",
    "property": "cover",
    "datatype": "base64"
  }
},
"mappingsMeta": {
  "ptime": {
    "text": "Current playtime",
    "properties": [
      "ptime"
    ]
  }
}

```



```
  },
  "ctime": {
    "text": "Entire playtime",
    "properties": [
      "ctime"
    ]
  },
  "ptimep": {
    "text": "Current playtime (percent)",
    "properties": [
      "ptimep"
    ]
  },
  "volume": {
    "text": "Volume",
    "properties": [
      "volume"
    ]
  },
  "state": {
    "text": "Player state",
    "properties": [
      "state"
    ]
  },
  "album": {
    "text": "Album",
    "properties": [
      "album"
    ]
  },
  "allfavorites": {
    "text": "All favorites",
    "properties": [
      "allfavorites"
    ]
  },
  "allplaylists": {
    "text": "All playlists",
    "properties": [
      "allplaylists"
    ]
  },
  "alltitlesofplaylist": {
    "text": "All titles of a playlist",
    "properties": [
      "alltitlesofplaylist"
    ]
  },
  "artist": {
    "text": "Artist",
    "properties": [
      "artist"
    ]
  },
  "crossfade": {
    "text": "Crossfade",
    "properties": [
      "crossfade"
    ]
  },
  "index": {
    "text": "Index",
    "properties": [
      "index"
    ]
  },
  "repeat": {
    "text": "Repeat",
    "properties": [
      "repeat"
    ]
  },
  "shuffle": {
    "text": "Shuffle",
    "properties": [
      "shuffle"
    ]
  },
  "title": {
    "text": "Title",
    "properties": [
      "title"
    ]
  }
}
```

```

    },
    "cover": {
      "text": "Cover",
      "properties": [
        "cover"
      ]
    }
  },
  "hideMappings": false,
  "triggerTemplates": [
    {
      "templateid": "state.playing",
      "mapping": "state",
      "text": "is Playing",
      "value": "PLAYING",
      "icon": "play"
    },
    {
      "templateid": "state.paused",
      "mapping": "state",
      "text": "is Paused",
      "value": "PAUSED",
      "icon": "pause"
    },
    {
      "templateid": "state.stopped",
      "mapping": "state",
      "text": "is Stopped",
      "value": "STOPPED",
      "icon": "stop"
    },
    {
      "templateid": "volume",
      "mapping": "volume",
      "text": "Volume Level",
      "icon": "volume-up"
    }
  ],
  "hideProperties": false,
  "actionTemplates": [
    {
      "templateid": "play",
      "mapping": "play",
      "text": "Play",
      "icon": "play"
    },
    {
      "templateid": "next",
      "mapping": "next",
      "text": "Next Song",
      "icon": "step-forward"
    },
    {
      "templateid": "stop",
      "mapping": "stop",
      "text": "Stop",
      "icon": "stop"
    },
    {
      "templateid": "volume",
      "mapping": "volume",
      "text": "Volume Level",
      "icon": "volume-up"
    },
    {
      "templateid": "playlist",
      "mapping": "playplaylist",
      "text": "David Bowie",
      "value": "David Bowie",
      "icon": "play"
    }
  ]
}

```

## Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Library-getLibraryByProfile-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Library - getLibraryByProfile

Get Profile Data/Informations out of the Library

EMIT

```
/config
```

### Parameter

Field	Type	Description
name	String	Profile Name
capabilities	optional String[]	Capabilities

- Example [#parameter-examples-Library-getLibraryByProfile-0\_1\_6-0]

```
{
  name: "knx_switch",
  capabilities: ["switch_multilevel_knx"]
}
```

- Success-Response [#success-examples-Library-getLibraryByProfile-0\_1\_6-0]

```
{
  version: "1.0",
  description: "KNX Dimmer Profile",
  author: "nomos system AG",
  className: "KNX",
  engineType: "KNX",
  properties: {
    switchon: {
      method: "set",
      property: "value",
      value: 1,
      join: "d"
    },
    switchoff: {
      method: "set",
      property: "value",
      value: 0,
      join: "d"
    },
    level: {
      method: "set",
      property: "value",
      min: 0,
      max: 100,
      join: "a"
    }
  },
  propertiesMeta: {
    switch: {
      text: "Status Indication",
      properties: [
        "switchon",
        "switchoff"
      ]
    },
    level: {
      text: "Level Indication",
      properties: [
        "level"
      ]
    }
  },
  mappings: {
```

```

    switch: {
      method: "get",
      property: "value",
      join: "d"
    },
    level: {
      method: "get",
      property: "value",
      join: "a"
    }
  },
  mappingsMeta: {
    switch: {
      text: "Status Indication",
      mappings: [
        "switch"
      ]
    },
    level: {
      text: "Level Indication",
      mappings: [
        "level"
      ]
    }
  }
}

```

### Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Library-getLibraryByProfile-0\_1\_6-0]

```

{
  errorCode: 112,
  errorText: "Not found"
}

```

## Library - getLibraryIndex

Get Library Index Data/Informations

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Module Name

- Example [#parameter-examples-Library-getLibraryIndex-0\_1\_8-0]

```

{
  name: "KNX"
}

```

### Success

Field	Type	Description
object	Object	Object Tree by Name
iconset	String	Iconset Name

Field	Type	Description
profiles	Object	Profiles under this Tree
profile	Object	Profile Object by ID
lid	String	Library ID
capabilities	String[]	Capabilities
profile	String	Profile Name

- Success-Response [#success-examples-Library-getLibraryIndex-0\_1\_8-0]

```
{
  Lights: {
    iconset: "lights",
    profiles: {
      Switch: {
        lid: "knx.switch",
        capabilities: [],
        profile: "knx_switch"
      },
      Dimmer: {
        lid: "knx.dimmer",
        capabilities: ["switch_multilevel_knx"],
        profile: "knx_switch"
      }
    }
  }
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
112	Not found
117	Not allowed

- Error-Response [#error-examples-Library-getLibraryIndex-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Licensing

### Licensing - Upload-License-Key

Set/Upload License Key File with the Help of SocketIOFileUpload Library (see SocketIOFileUpload [<https://github.com/vote539/socketio-file-upload>] for more Informations)

#### SOCKETIOFILEUPLOAD

```
/api/v1
```

- Example [#examples-Licensing-Upload\_License\_Key-0\_1\_8-0]

```
// somewhere in <header>
// <script src="http://HOST:PORT/siofu/client.js"></script>

var uploader = new SocketIOFileUpload(socket);
uploader.listenOnInput(document.getElementById("licenseUploadInput"));
uploader.maxFileSize = 706;
uploader.addEventListener('error', function(data) {
    if(data.code === 1) {
        console.log("File size error");
    }
});
uploader.addEventListener('progress', function(event) {
    console.log(parseInt(event.bytesLoaded / event.file.size * 100) + '%');
});
uploader.addEventListener('complete', function(event) {
    if(event.detail.error === false) {
        // Success
        window.location.reload();
    } else {
        // Error
    }
});
uploader.addEventListener('start', function(event) {
    event.file.meta.type = 'keyfile';
});
```

### Success

Field	Type	Description
event	Object	
detail	Object	
error	Boolean	false upload successful Allowed values: false

### Error

Name	Type	Description
event	Object	
detail	Object	
error	Boolean	true upload not successful Allowed values: true

## Licensing - getLicenseConfig

Get License Configuration/Informations

EMIT

```
/api/v1
```

### Success

Field	Type	Description
license	Object	More detailed License Informations
serialNumber	String	The serial number of the system.
status	String	Status Text

- Success-Response [#success-examples-Licensing-getLicenseConfig-0\_1\_8-0]

```
{
  license:
    [ { name: 'Validity', value: 'unlimited' },
      { name: 'CommandServers', value: 25 },
```

```

{
  name: 'Remote Devices', value: 25 },
  name: 'Event Support', value: true },
  name: 'XPL Support', value: true },
  name: 'Home Automation', value: true },
  name: 'Extended Buttons', value: false },
  name: 'DVB Streaming', value: false },
  name: 'mremote/iViewer', value: true },
  name: 'UPnP/Sonos', value: true }
},
serialNumber: "NS123456789",
status: "OK"
}

```

- Error-Response [#error-examples-Licensing-getLicenseConfig-0\_1\_8-0]

```

{
  license: {},
  serialNumber: "NS123456789",
  status: "Key File missing"
}

```

## Licensing - getLicenseConfig

Get License Configuration/Informations

EMIT

```
/config
```

### Success

Field	Type	Description
serialNumber	String	The serial number of the system.
status	String	Status Text

- Success-Response [#success-examples-Licensing-getLicenseConfig-0\_1\_0-0]

```

{
  "serialNumber": "NS123456789",
  "status": "OK"
}

```

- Error-Response [#error-examples-Licensing-getLicenseConfig-0\_1\_0-0]

```

{
  "serialNumber": "NS123456789",
  "status": "Key File missing"
}

```

## Logging

### Logging - disableLogging

Disabling Data Logging for a particular Component Property

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
-------	------	-------------

cid	String	Component ID
property	String	Property/Mapping Name

- Example [#parameter-examples-Logging-disableLogging-0\_2\_5-0]

```
{
  cid: "C10",
  property: "state"
}
```

- Success-Response [#success-examples-Logging-disableLogging-0\_2\_5-0]

```
true
```

## Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Logging-disableLogging-0\_2\_5-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Logging - enableLogging

Enabling Data Logging for a particular Component Property

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID
property	String	Property/Mapping Name

- Example [#parameter-examples-Logging-enableLogging-0\_2\_5-0]

```
{
  cid: "C10",
  property: "state"
}
```

- Success-Response [#success-examples-Logging-enableLogging-0\_2\_5-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error



Name	Description
112	Not found

- Error-Response [#error-examples-Logging-enableLogging-0\_2\_5-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Logging - getLoggingData

Get Data Log for a particular Component Property

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID
property	String	Property/Mapping Name
from	optional Integer/String	Timestamp from
to	optional Integer/String	Timestamp to

- Example 1 (get all data) [#parameter-examples-Logging-getLoggingData-0\_2\_11-0]
- Example 2 [#parameter-examples-Logging-getLoggingData-0\_2\_11-1]
- Example 3 [#parameter-examples-Logging-getLoggingData-0\_2\_11-2]
- Example 4 [#parameter-examples-Logging-getLoggingData-0\_2\_11-3]

```
{
  cid: "C10",
  property: "state"
}
```

```
{
  cid: "C10",
  property: "state",
  from: 1469431719634
}
```

```
{
  cid: "C10",
  property: "state",
  from: "Mon Jul 25 2016 09:28:39 GMT+0200 (CEST)"
}
```

```
{
  cid: "C10",
  property: "state",
  from: "Mon Jul 25 2016 00:00:00 GMT+0200 (CEST)",
  to: "Mon Jul 25 2016 23:59:59 GMT+0200 (CEST)",
}
```

### Success

Field	Type	Description
result	Object	Result Object

Field	Type	Description
data	Object	Data Set by Timestamps
unit	optional String	Unit of Value

- Success-Response 1 ("state" Example) [#success-examples-Logging-getLoggingData-0\_2\_11-0]
- Success-Response 2 ("temperature" Example) [#success-examples-Logging-getLoggingData-0\_2\_11-1]

```
{
  data: {
    1469431719634: 1,
    1469431729998: 0,
    ...
  }
}
```

```
{
  data: {
    1469431719634: 25.7,
    1469431729998: 24.5,
    ...
  },
  unit: "°C"
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Logging-getLoggingData-0\_2\_11-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Logging - getLoggingData

Get Data Log for a particular Component Property

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID
property	String	Property/Mapping Name
from	optional Integer/String	Timestamp from
to	optional Integer/String	Timestamp to

- Example 1 (get all data) [#parameter-examples-Logging-getLoggingData-0\_2\_5-0]
- Example 2 [#parameter-examples-Logging-getLoggingData-0\_2\_5-1]
- Example 3 [#parameter-examples-Logging-getLoggingData-0\_2\_5-2]
- Example 4 [#parameter-examples-Logging-getLoggingData-0\_2\_5-3]

```
{
  cid: "C10",
  property: "state"
}
```

```
{
  cid: "C10",
  property: "state",
  from: 1469431719634
}
```

```
{
  cid: "C10",
  property: "state",
  from: "Mon Jul 25 2016 09:28:39 GMT+0200 (CEST)"
}
```

```
{
  cid: "C10",
  property: "state",
  from: "Mon Jul 25 2016 00:00:00 GMT+0200 (CEST)",
  to: "Mon Jul 25 2016 23:59:59 GMT+0200 (CEST)",
}
```

- Success-Response [#success-examples-Logging-getLoggingData-0\_2\_5-0]

```
{
  1469431719634: 1,
  1469431729998: 0,
  ...
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Logging-getLoggingData-0\_2\_5-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Logging - resetLogging

Completely delete/reset Data Log for a particular Component Property

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID
property	String	Property/Mapping Name

- Example [#parameter-examples-Logging-resetLogging-0\_2\_5-0]

```
{
  cid: "C10",
}
```

```
{
  property: "state"
}
```

- Success-Response [#success-examples-Logging-resetLogging-0\_2\_5-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-Logging-resetLogging-0\_2\_5-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## MessageBus

### MessageBus - busMessage

Emit a Bus Message

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
eventName	String	Event Name (Format: senderId.sourceSID.eventType.receiver.destinationSID)
data	Object	Data Object
channel	String	Channel Name  Default value: default  Allowed values: default

- mremote Example [#parameter-examples-MessageBus-busMessage-0\_2\_4-0]
- Daemon Script Run Example [#parameter-examples-MessageBus-busMessage-0\_2\_4-1]

```
{
  eventName: "ID.NS123456789.mremote.daemon.NS123456789",
  data: {method: "mremote", joins: {"d1": 1}}
}
```

```
{
  eventName: "ID.NS123456789.cmd.daemon.NS123456789",
  data: {method: "command", class: "SCRIPT", command: {name: 'RUN', value: 'SCRIPTNAME.myh'}}
}
```

- Success-Response [#success-examples-MessageBus-busMessage-0\_2\_4-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
112	Not found

- Error-Response [#error-examples-MessageBus-busMessage-0\_2\_4-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

**MessageBus - onBusMessage**

Is getting fired on Message Bus Events (you have to call 'startMessageBusLog' before)

ON/EVENT

```
/api/v1
```

**Success**

Field	Type	Description
eventName	String	Event Name
data	Object	Data Object

- Example [#success-examples-MessageBus-onBusMessage-0\_2\_4-0]

```
{
  eventName: "sync.NS987654321.ping.sync.NS123456789",
  data: {ip: "192.168.1.30"}
}
```

**MessageBus - startMessageBusLog**

Start Message Bus Logging

EMIT

```
/api/v1
```

- Success-Response [#success-examples-MessageBus-startMessageBusLog-0\_2\_4-0]

```
true
```

**Error-Codes**

Name	Description
113	Already connected

- Error-Response [#error-examples-MessageBus-startMessageBusLog-0\_2\_4-0]

```
{
  errorCode: 113,
  errorText: "Already connected"
}
```

## MessageBus - stopMessageBusLog

Stop Message Bus Logging

EMIT

```
/api/v1
```

- Success-Response [#success-examples-MessageBus-stopMessageBusLog-0\_2\_4-0]

```
true
```

### Error-Codes

Name	Description
112	Not found

- Error-Response [#error-examples-MessageBus-stopMessageBusLog-0\_2\_4-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Miscellaneous

### Miscellaneous - auth

If the API expects Authorization or User Password Authorization is enabled, this function has to be used to authorize the Client.

Note: This function is not available on HTTP REST API.

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
username	optional String	Username
password	String	Password

- Example (API Auth) [#parameter-examples-Miscellaneous-auth-0\_1\_8-0]
- Example (User Auth) [#parameter-examples-Miscellaneous-auth-0\_1\_8-1]

```
{
  password: "passwd"
}
```

```
{
  username: "Test",
  password: "password1234"
}
```

- Success-Response [#success-examples-Miscellaneous-auth-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
------	-------------

106	Parameter(s) error
109	Too many authorization attempts
110	Authorization failed

- Error-Response [#error-examples-Miscellaneous-auth-0\_1\_8-0]

```
{
  errorCode: 110,
  errorText: "Authorization failed"
}
```

## Miscellaneous - auth

If a socket.io Namespace expects Authorization this function has to be used to authorize the Client.

EMIT

```
/NAMESPACE-NAME
```

### Parameter

Field	Type	Description
password	String	Password

- Example [#parameter-examples-Miscellaneous-auth-0\_1\_0-0]

```
{
  password: "passwd"
}
```

- Success-Response [#success-examples-Miscellaneous-auth-0\_1\_0-0]

```
true
```

### Error-Codes

Name	Description
109	Too many authorization attempts
110	Authorization failed

- Error-Response [#error-examples-Miscellaneous-auth-0\_1\_0-0]

```
{
  errorCode: 110,
  errorText: "Authorization failed for namespace"
}
```

## Miscellaneous - getProductProfile

Get Product Profile of the System

EMIT

```
/api/v1
```

### Success

Field	Type	Description
-------	------	-------------

title	String	Product Title
id	String	Product Profile ID
version	String	Product Version
OEM	String	OEM name
companyUrl	String	Company Website/URL
companyName	String	Company Name
channel	String	Update Channel
modules	Object[]	Enabled Product Modules
panelModules	Object[]	Enabled Product Panel Modules

- Success-Response [#success-examples-Miscellaneous-getProductProfile-0\_1\_8-0]

```
{
  title: "Basic",
  id: "com.nomos-system.basic",
  version: "0.8.16",
  OEM: "nomos",
  companyUrl: "http://www.nomos-system.com",
  companyName: "nomos system AG",
  channel: "default",
  modules: {
    zwave: {
      name: "Z-Wave",
      expire: false
    },
    itunes: {
      name: "Apple iTunes",
      expire: false
    },
    sonos: {
      expire: false,
      name: "Sonos"
    },
    hue: {
      expire: false,
      name: "Philips HUE"
    }
  },
  panelModules: {
    network: {
      expire: false
    },
    support: {
      expire: false
    },
    licensing: {
      expire: false
    },
    configuration: {
      expire: false
    },
    software-updates: {
      expire: false
    },
    password: {
      expire: false
    },
    preferences: {
      expire: false
    },
    advanced: {
      expire: false
    },
    cloud: {
```



```

    expire: false
  }
}
}

```

## Miscellaneous - getVersion

Get Version Informations

EMIT

```
/api/v1
```

### Success

Field	Type	Description
api	String	API/nomos Engine API Version
ncd	String	Configuration Service Version
engine	String	Engine/Daemon Version

- Success-Response [#success-examples-Miscellaneous-getVersion-0\_1\_8-0]

```

{
  api: '0.1.5',
  ncd: '0.06',
  engine: '1.1.77'
}

```

## Miscellaneous - init

Client/Socket Initialization Function

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
language	String	Client/App language code Size range: . . 2
appVersion	optional String	Client/App version
appId	optional String	Client/App id
appName	optional String	Client/App name
osVersion	optional String	Operating System version
platform	optional String	Operating System platform (iOS/android/OSX/...)
model	optional String	Device Model
name	optional String	Client/App name (Mobile Device Name for example)

Field	Type	Type	Description
uagent	optional	String	User Agent String
did	optional	String	Device UID
token	optional	String	Device Token (for Push Notifications)
userName	optional	String	Cloud User Name
userToken	optional	String	Cloud User Token

- Browser Example [#parameter-examples-Miscellaneous-init-0\_1\_8-0]
- App Example [#parameter-examples-Miscellaneous-init-0\_1\_8-1]

```
{
  language: "en",
  uagent: "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_10_5) AppleWebKit/600.8.9 (KHTML, like Gecko) Version/8.0.8 Safari/600.8"
}
```

```
{
  language: "en",
  appVersion: "1.0.1",
  appId: "com.nomos-system.testapp",
  appName: "nomos TestApp",
  osVersion: "8.4.1",
  platform: "iOS",
  model: "iPhone6,1",
  name: "iPhone of Bernhard",
  did: "1E4F8745-BBBB-40DA-1F7A-2CDAC92BBBBB",
  token: "098765432109876543210987654321098765432109876543210987654321",
  userName: "bernhard1",
  userToken: "abcdefghijklmnopqrstuvxyzabcdefghijklmnopqrstuvxyz"
}
```

- Success-Response [#success-examples-Miscellaneous-init-0\_1\_8-0]

```
true
```

## Miscellaneous - init

Client/Socket Initialization Function

EMIT

```
/config
```

### Parameter

Field	Type	Type	Description
language		String	Client/App language code Size range: . . 2
version	optional	String	Client/App version
osVersion	optional	String	Operating System version
platform	optional	String	Operating System platform
model	optional	String	Device Model

Field	Type	Description
name	optional	String Client/App name (Mobile Device Name for example)
uagent	optional	String User Agent String
did	optional	String Device UID
token	optional	String Device Token (for Push Notifications)
userName	optional	String Cloud User Name
userToken	optional	String Cloud User Token

- Browser Example [#parameter-examples-Miscellaneous-init-0\_1\_0-0]
- App Example [#parameter-examples-Miscellaneous-init-0\_1\_0-1]

```
{
  "language": "en",
  "uagent": "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_10_5) AppleWebKit/600.8.9 (KHTML, like Gecko) Version/8.0.8 Safari/604.1"
}
```

```
{
  "language": "en",
  "version": "1.0",
  "osVersion": "8.4.1",
  "platform": "iOS",
  "model": "iPhone6,1",
  "name": "iPhone of Bernhard",
  "did": "12345678901234567890",
  "token": "09876543210987654321",
  "userName": "bernhard1",
  "userToken": "abcdefghijklmnopqrstuvxyz"
}
```

- Success-Response [#success-examples-Miscellaneous-init-0\_1\_0-0]

```
true
```

## Miscellaneous - logout

If Authorization is enabled, this function can be used to destroy the session.

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Miscellaneous-logout-0\_2\_0-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-Miscellaneous-logout-0\_2\_0-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Miscellaneous - setIOPassword

Set's a API Password, see auth [#api-Miscellaneous-auth] Function for more Informations

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
oldPassword	String	The old Password to remove
newPassword	String	The new Password to set

- Set a Password Example [#parameter-examples-Miscellaneous-setIOPassword-0\_1\_8-0]
- Set a new Password Example [#parameter-examples-Miscellaneous-setIOPassword-0\_1\_8-1]
- Remove a Password Example [#parameter-examples-Miscellaneous-setIOPassword-0\_1\_8-2]

```
{
  oldPassword: null,
  newPassword: "passwd"
}
```

```
{
  oldPassword: "passwd",
  newPassword: "passwd2"
}
```

```
{
  oldPassword: "passwd2",
  newPassword: null
}
```

- Success-Response [#success-examples-Miscellaneous-setIOPassword-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
108	Password does not match
111	Unknown error ocurred

- Error-Response [#error-examples-Miscellaneous-setIOPassword-0\_1\_8-0]

```
{
  errorCode: 108,
  errorText: "Password does not match"
}
```

## Netatmo

### Netatmo - addNetatmoDevice

Add a netatmo module as component

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
sid	optional String	System ID
name	String	Name of the Device
id	String	Module id
type	String	Module type (see documentation [https://dev.netatmo.com/dev/resources/technical/reference/weatherstation/getstationsdata] )
lid	optional String	Library ID of the module
profile	optional String	Profile of the module
capabilities	optional String[]	Capabilities of the Device
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- Example [#parameter-examples-Netatmo-addNetatmoDevice-0\_2\_4-0]

```
{
  sid: "NS123456789",
  name: "Wetterstation",
  id: "70:ee:e2:e2:e2:e2",
  type: "NAMain",
  lid: "netatmo.NAMain",
  profile: "netatmo_NAMain",
  capabilities: []
}
```

**Success**

Field	Type	Description
cid	String	The new Component ID

- Success-Response [#success-examples-Netatmo-addNetatmoDevice-0\_2\_4-0]

```
{
  cid: "C2"
}
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Netatmo-addNetatmoDevice-0\_2\_4-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## Netatmo - getNetatmoDevices

Get netatmo devices that are reported by the cloud

EMIT

```
/api/v1
```

### Success

Field	Type	Description
name	String	Name of the setup
lastUpdate	String	Timestamp of when the data was captured
modules	Object[]	Array with all the modules(s)
id	String	ID of the module
name	String	Name of the module
type	String	Type of the module (see documentation [ <a href="https://dev.netatmo.com/dev/resources/technical/reference/weatherstation/getstationsdata">https://dev.netatmo.com/dev/resources/technical/reference/weatherstation/getstationsdata</a> ])
properties	Object[]	Properties of the modules as defined in the profile

- Success-Response [#success-examples-Netatmo-getNetatmoDevices-0\_2\_4-0]

```
[
  {
    name: "Office",
    lastUpdate: 1468414833,
    modules: [
      {
        id: "70:ee:e2:e2:e2:e2",
        name: "Wetterstation",
        type: "NAMain",
        properties: [
          {
            name: "temperature",
            value: 24.9
          }
        ]
      }
    ]
  }
]
```

## Netatmo - getNetatmoUser

Get netatmo user

EMIT

```
/api/v1
```

### Success

Field	Type	Description
user	Object	User object from the netatmo API (see documentation [ <a href="https://dev.netatmo.com/dev/resources/technical/reference/weatherstation/getstationsdata">https://dev.netatmo.com/dev/resources/technical/reference/weatherstation/getstationsdata</a> ])

Field	Type	Description
<ul style="list-style-type: none"> <li>Success-Response [#success-examples-Netatmo-getNetatmoUser-0_2_4-0]</li> </ul>		

```
{
  mail: "your-email@nomos-system.com",
  administrative: {
    country: "AT",
    reg_locale: "de-AT",
    lang: "de-DE",
    unit: 0,
    windunit: 0,
    pressureunit: 0,
    feel_like_algo: 0
  }
}
```

## Network

### Network - getNetworkConfig

Get Network Configuration

EMIT

/api/v1

#### Success

Field	Type	Description
interfaces	Object[]	Network Interfaces Array
interface	String	Interface ID
link	String	Link Name
address	String	Mac Address
ipv6_address	String	IPv6 Address
ipv4_address	String	IPv4 Address
ipv4_gateway	String	IPv4 Gateway Address
ipv4_broadcast	String	IPv4 Broadcast Address
ipv4_subnet_mask	String	IPv4 Subnet Mask
nameserver	String[]	Nameserver Addresses
dhcp	Boolean	Interface DHCP Enabled Status Allowed values: <code>true</code> , <code>false</code>
up	Boolean	Interface Up Status Allowed values: <code>true</code> , <code>false</code>

Field	Type	Description
broadcast	Boolean	Interface Broadcast Status Allowed values: <code>true</code> , <code>false</code>
running	Boolean	Interface Running Status Allowed values: <code>true</code> , <code>false</code>
multicast	Boolean	Interface Multicast Status Allowed values: <code>true</code> , <code>false</code>
wireless	Boolean	Interface is Wireless Allowed values: <code>true</code> , <code>false</code>
hostname	String	Hostname
nameserver	String[]	Global Nameserver Addresses

- Success-Response [#success-examples-Network-getNetworkConfig-0\_2\_0-0]

```
{
  interfaces: [
    {
      interface: "eth0",
      link: "ethernet",
      address: "b8:27:eb:05:a8:ee",
      ipv6_address: "fe80::ba27:ebff:feff:a86a/64",
      ipv4_address: "192.168.1.112",
      ipv4_gateway: "192.168.1.1",
      ipv4_broadcast: "192.168.1.255",
      ipv4_subnet_mask: "255.255.255.0",
      nameserver: ["127.0.0.1"],
      dhcp: true,
      up: true,
      broadcast: true,
      running: true,
      multicast: true,
      wireless: false
    },
    ...
  ],
  hostname: "nomos",
  nameserver: [
    "127.0.0.1",
    "192.168.1.1"
  ]
}
```

## Network - getNetworkConfig

Get Network Configuration

EMIT

/api/v1

### Success

Field	Type	Description
interfaces	Object[]	Network Interfaces Array
interface	String	Interface ID



Field	Type	Description
link	String	Link Name
address	String	Mac Address
ipv6_address	String	IPv6 Address
ipv4_address	String	IPv4 Address
ipv4_gateway	String	IPv4 Gateway Address
ipv4_broadcast	String	IPv4 Broadcast Address
ipv4_subnet_mask	String	IPv4 Subnet Mask
dhcp	Boolean	Interface DHCP Enabled Status Allowed values: <code>true</code> , <code>false</code>
up	Boolean	Interface Up Status Allowed values: <code>true</code> , <code>false</code>
broadcast	Boolean	Interface Broadcast Status Allowed values: <code>true</code> , <code>false</code>
running	Boolean	Interface Running Status Allowed values: <code>true</code> , <code>false</code>
multicast	Boolean	Interface Multicast Status Allowed values: <code>true</code> , <code>false</code>
wireless	Boolean	Interface is Wireless Allowed values: <code>true</code> , <code>false</code>
hostname	String	Hostname
nameserver	String[]	Nameserver Addresses

- Success-Response [#success-examples-Network-getNetworkConfig-0\_1\_8-0]

```
{
  interfaces: [
    {
      interface: "eth0",
      link: "ethernet",
      address: "b8:27:eb:05:a8:ee",
      ipv6_address: "fe80::ba27:ebff:feff:a86a/64",
      ipv4_address: "192.168.1.112",
      ipv4_gateway: "192.168.1.1",
      ipv4_broadcast: "192.168.1.255",
      ipv4_subnet_mask: "255.255.255.0",
      dhcp: true,
      up: true,
      broadcast: true,
      running: true,
      multicast: true,
      wireless: false
    },
    ...
  ],
}
```

```

hostname: "nomos",
nameserver: [
  "127.0.0.1",
  "192.168.1.1"
]
}

```

## Network - getSSIDs

Get SSID's List

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
interface	String	Network interface name

- Example [#parameter-examples-Network-getSSIDs-0\_1\_8-0]

```

{
  interface: "wlan0"
}

```

### Success

Field	Type	Description
object	Object[]	List of SSID's available
address	String	Mac Address
channel	Integer	Channel Number
frequency	Float	Frequency
mode	String	Network Mode
quality	Integer	Network Quality
signal	Integer	Signal Strength
ssid	String	SSID Name
security	String	Security

- Success-Response [#success-examples-Network-getSSIDs-0\_1\_8-0]

```

[
  {
    address: "d4:d1:84:66:83:11",
    channel: 6,
    frequency: 2.437,
    mode: "master",
    quality: 100,
    signal: 100,
    ssid: "HOME_WLAN",
    security: "wpa2"
  }
]

```

### Error-Codes

Name	Description
111	Unknown error occured

- Error-Response [#error-examples-Network-getSSIDs-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Network - setNetworkConfig

Set Network Configuration

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
hostname	optional String	Hostname of the system
nameserver	optional String[]	Global Nameserver(s)
interfaces	Object[]	Network Interface Configuration
interface	String	Name of the Interface
dhcp	Boolean/String	DHCP enabled or disabled
ipv4_address	optional String	IPv4 IP Address
ipv4_subnet_mask	optional String	IPv4 Subnet Mask
ipv4_gateway	optional String	IPv4 Gateway Address
nameserver	optional String[]	Nameserver(s)
ssid	optional String	Wireless SSID
psk	optional String	Wireless Preshared Key

- DHCP Example [#parameter-examples-Network-setNetworkConfig-0\_2\_0-0]
- Static IP Example [#parameter-examples-Network-setNetworkConfig-0\_2\_0-1]
- Wireless Example [#parameter-examples-Network-setNetworkConfig-0\_2\_0-2]

```
{
  interfaces: [
    {
      interface: "eth0",
      dhcp: true
    }
  ],
  hostname: "nomos",
  nameserver: [
    "127.0.0.1",
    "192.168.1.1"
  ]
}
```

```
{
  interfaces: [
    {
      interface: "eth0",
      ipv4_address: "192.168.1.112",
      ipv4_subnet_mask: "255.255.255.0",
      ipv4_gateway: "192.168.1.1",
      dhcp: false
    }
  ],
  hostname: "nomos",
  nameserver: [
    "127.0.0.1",
    "192.168.1.1"
  ]
}
```

```
{
  interfaces: [
    {
      interface: "wlan0",
      ssid: "HOME_WLAN",
      psk: "MyPresharedKey",
      dhcp: true
    }
  ],
  hostname: "nomos",
  nameserver: [
    "127.0.0.1",
    "192.168.1.1"
  ]
}
```

- Success-Response [#success-examples-Network-setNetworkConfig-0\_2\_0-0]

```
true
```

### Error-Codes

Name	Description
105	Unsupported on this system
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Network-setNetworkConfig-0\_2\_0-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Network - setNetworkConfig

Set Network Configuration

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
hostname	optional String	Hostname of the system
nameserver	optional String[]	Nameserver(s)

Field	Type	Description
interfaces	Object[]	Network Interface Configuration
interface	String	Name of the Interface
dhcp	Boolean/String	DHCP enabled or disabled
ipv4_address	optional String	IPv4 IP Address
ipv4_subnet_mask	optional String	IPv4 Subnet Mask
ipv4_gateway	optional String	IPv4 Gateway Address
ssid	optional String	Wireless SSID
psk	optional String	Wireless Preshared Key

- DHCP Example [#parameter-examples-Network-setNetworkConfig-0\_1\_8-0]
- Static IP Example [#parameter-examples-Network-setNetworkConfig-0\_1\_8-1]
- Wireless Example [#parameter-examples-Network-setNetworkConfig-0\_1\_8-2]

```
{
  interfaces: [
    {
      interface: "eth0",
      dhcp: true
    }
  ],
  hostname: "nomos",
  nameserver: [
    "127.0.0.1",
    "192.168.1.1"
  ]
}
```

```
{
  interfaces: [
    {
      interface: "eth0",
      ipv4_address: "192.168.1.112",
      ipv4_subnet_mask: "255.255.255.0",
      ipv4_gateway: "192.168.1.1",
      dhcp: false
    }
  ],
  hostname: "nomos",
  nameserver: [
    "127.0.0.1",
    "192.168.1.1"
  ]
}
```

```
{
  interfaces: [
    {
      interface: "wlan0",
      ssid: "HOME_WLAN",
      psk: "MyPresharedKey",
      dhcp: true
    }
  ],
  hostname: "nomos",
  nameserver: [
    "127.0.0.1",
    "192.168.1.1"
  ]
}
```

- Success-Response [#success-examples-Network-setNetworkConfig-0\_1\_8-0]

```
true
```

## Error-Codes

Name	Description
105	Unsupported on this system
106	Parameter(s) error
111	Unknown error ocurred

- Error-Response [#error-examples-Network-setNetworkConfig-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Network - setNetworkConfig

Set Network Configuration

EMIT

```
/config
```

### Parameter

Field	Type	Description
hostname	optional String	Hostname of the system
nameserver	optional String[]	Nameserver(s)
interfaces	Object[]	Network Interface Configuration
interface	String	Name of the Interface
dhcp	Boolean	true   false DHCP enabled or disabled
ipv4_address	optional String	IPv4 IP Address
ipv4_subnet_mask	optional String	IPv4 Subnet Mask
ipv4_gateway	optional String	IPv4 Gateway Address
ssid	optional String	Wireless SSID
psk	optional String	Wireless Preshared Key

- DHCP Example [#parameter-examples-Network-setNetworkConfig-0\_1\_0-0]
- Static IP Example [#parameter-examples-Network-setNetworkConfig-0\_1\_0-1]
- Wireless Example [#parameter-examples-Network-setNetworkConfig-0\_1\_0-2]

```
{
  interfaces: [
    {
      interface: "eth0",
      dhcp: true
    }
  ],
}
```

```

hostname: "nomos",
nameserver: [
  "127.0.0.1",
  "192.168.1.1"
]
}

```

```

{
  interfaces: [
    {
      interface: "eth0",
      ipv4_address: "192.168.1.112",
      ipv4_subnet_mask: "255.255.255.0",
      ipv4_gateway: "192.168.1.1",
      dhcp: false
    }
  ],
  hostname: "nomos",
  nameserver: [
    "127.0.0.1",
    "192.168.1.1"
  ]
}

```

```

{
  interfaces: [
    {
      interface: "wlan0",
      ssid: "HOME_WLAN",
      psk: "MyPresharedKey",
      dhcp: true
    }
  ],
  hostname: "nomos",
  nameserver: [
    "127.0.0.1",
    "192.168.1.1"
  ]
}

```

## Error-Codes

Name	Description
105	Unsupported on this system
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Network-setNetworkConfig-0\_1\_0-0]

```

{
  errorCode: 106,
  errorText: "Parameter(s) error"
}

```

## Network - setNetworkHostname

Set Network Hostname

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Hostname of the system

- Example [#parameter-examples-Network-setNetworkHostname-0\_2\_11-0]

```
{
  name: "nomos"
}
```

- Success-Response [#success-examples-Network-setNetworkHostname-0\_2\_11-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error

- Error-Response [#error-examples-Network-setNetworkHostname-0\_2\_11-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Notification

### Notification - getNotifications

Get (internal) Notification List/History. When no range start or stop parameters are submitted the result is all notifications.

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
rangeStart	optional Integer	Range Start Default value: 0
rangeStop	optional Integer	Range End
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Example 1 [#parameter-examples-Notification-getNotifications-0\_2\_0-0]
- Example 2 [#parameter-examples-Notification-getNotifications-0\_2\_0-1]
- Sorting Example [#parameter-examples-Notification-getNotifications-0\_2\_0-2]

```
{
  rangeStop: 10
}
```

```
{
  rangeStart: 10,
  rangeStop: 20
}
```

```
{
  sortBy: ['-timestamp', 'priority']
}
```

### Success



Field	Type	Description
object	Object[]	Notification Objects
id	String	Message ID
timestamp	String	Timestamp Created
name	String	Name
text	String	Text
priority	Integer	Priority (see Priorities [#PRIORITIES] for more Informations) Size range: 0–4
profile	String	Profile Name

- Success-Response [#success-examples-Notification-getNotifications-0\_2\_0-0]

```
[ { id: 'c0f1db78f6036eff9911b388564fc481',
  timestamp: 'Wed Sep 23 2015 13:08:13 GMT+0200 (CEST)',
  name: 'Example!',
  text: 'Notification Example!',
  priority: 1,
  profile: 'default' }
{ ... },
{ ... }
]
```

## Notification - getNotifications

Get (internal) Notification List/History. When no range start or stop parameters are submitted the result is all notifications.

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
rangeStart	optional Integer	Range Start Default value: 0
rangeStop	optional Integer	Range End
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Example 1 [#parameter-examples-Notification-getNotifications-0\_1\_9-0]
- Example 2 [#parameter-examples-Notification-getNotifications-0\_1\_9-1]
- Sorting Example [#parameter-examples-Notification-getNotifications-0\_1\_9-2]

```
{
  rangeStop: 10
}
```

```
{
  rangeStart: 10,
  rangeStop: 20
}
```

```
{
  sortBy: ['-timestamp', 'priority']
}
```

### Success

Field	Type	Description
object	Object[]	Notification Objects
id	String	Message ID
timestamp	String	Timestamp Created
text	String	Text
priority	Integer	Priority (see Priorities [#PRIORITIES] for more Informations) Size range: 0–4
profile	String	Profile Name

- Success-Response [#success-examples-Notification-getNotifications-0\_1\_9-0]

```
[ { id: 'c0f1db78f6036eff9911b388564fc481',
  timestamp: 'Wed Sep 23 2015 13:08:13 GMT+0200 (CEST)',
  text: 'Notification Example!',
  priority: 1,
  profile: 'default' }
  { ... },
  { ... }
]
```

## Notification - getNotifications

Get (internal) Notification List/History. When no range start or stop parameters are submitted the result is all notifications.

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
rangeStart	optional Integer	Range Start Default value: 0
rangeStop	optional Integer	Range End
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Example 1 [#parameter-examples-Notification-getNotifications-0\_1\_8-0]
- Example 2 [#parameter-examples-Notification-getNotifications-0\_1\_8-1]
- Sorting Example [#parameter-examples-Notification-getNotifications-0\_1\_8-2]

```
{
  rangeStop: 10
}
```

```
{
  rangeStart: 10,
  rangeStop: 20
}
```

```
{
  sortBy: ['-timestamp', 'priority']
}
```

### Success

Field	Type	Description
object	Object[]	Notification Objects
id	String	Message ID
timestamp	String	Timestamp Created
text	String	Text
priority	Integer	Priority Size range: 0-5
profile	String	Profile Name

- Success-Response [#success-examples-Notification-getNotifications-0\_1\_8-0]

```
[ { id: 'c0f1db78f6036eff9911b388564fc481',
  timestamp: 'Wed Sep 23 2015 13:08:13 GMT+0200 (CEST)',
  text: 'Notification Example!',
  priority: 1,
  profile: 'default' }
  { ... },
  { ... }
]
```

## Notification - removeAllNotifications

Remove/clear (internal) Notifications List/History

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Notification-removeAllNotifications-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occurred

## Notification - removeNotification

Remove a (internal) Notification out of the List/History

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
-------	------	-------------

id	String	Notification ID
----	--------	-----------------

- Example [#parameter-examples-Notification-removeNotification-0\_1\_8-0]

```
{
  id: "c0f1db78f6036eff9911b388564fc481"
}
```

- Success-Response [#success-examples-Notification-removeNotification-0\_1\_8-0]

```
true
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

## Notification - sendNotification

Send a Notification

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
internal optional	Object	Internal Message System Options/Settings
text	String	Notification Text
name optional	String	Notification Name
priority optional	Integer	Priority (see Priorities [#PRIORITIES] for more Informations) Default value: 2 Size range: 0–4
email optional	Object	E-Mail System Options/Settings
receiver optional	String/String[]	E-Mail Receiver(s), as E-Mail Address(es) or as User-ID's to take E-Mail Address(es) from. When this parameter le Addresses will be used.
subject optional	String	Subject
text	String	Text
attachment optional	String/String[]	E-Mail Attachment URL(s), can be any kind of URL's which are reachable by the System. For example WebCam I too.
push optional	Object	Push Notification Message Options/Settings

Field	Type	Description
receiver optional	String[]/Object[]	Notification Receiver(s), as String(s) in form of "appld:did" (App-ID:Device-ID), as Object(s) {appld: "", did: ""} or l all known clients.
text	String	Notification Text
title optional	String	Notification Title
sound optional	String	Notification Sound (no file extension) or null for no sound at all. Default value: default
badge optional	Integer	Notification Badge/Message Count Indicator
payload optional	Object	Platform specific Notification Service Payload Options/Settings
APNS optional	Object	Apple Push Notification Service (see Documentation [https://developer.apple.com/library/ios/documentation/NetworkingInternet/Conceptual/RemoteNotification for more options])
apn optional	Object	Notification Payload
alert optional	String/Object	Message Text or more detailed Informations
title optional	String	Message Title
body optional	String	Message Text
sound optional	String	Notification Sound
badge optional	Integer	Notification Badge/Message Count Indicator
content-available optional	Integer	New content is available?
GCM optional	Object	Google Cloud Messaging (see Documentation [https://developers.google.com/cloud-messaging/http-server-re
delay_while_idle optional	Boolean	When this parameter is set to true, it indicates that the message should not be sent until the device becomes a Allowed values: true, false
time_to_live optional	Integer	This parameter specifies how long (in seconds) the message should be kept in GCM storage if the device is offlin
profile optional	String/String[]	Send a/or multiple predefined Notification Profile(s)
variables optional	String[]	Values/Variables to take place in Notification Text(s)

- Profile Example 1 [#parameter-examples-Notification-sendNotification-0\_2\_0-0]
- Profile Example 2 [#parameter-examples-Notification-sendNotification-0\_2\_0-1]
- Complex Example [#parameter-examples-Notification-sendNotification-0\_2\_0-2]
- A more complex Example [#parameter-examples-Notification-sendNotification-0\_2\_0-3]

```
{
  profile: "battery"
}
```

```
{
  profile: ["battery"],
}
```

```

variables: ["MultiSensor"]
}

```

```

{
  internal: {
    text: "The Temperature is %1",
    priority: 2
  },
  email: {
    subject: "The Temperature is %1",
    text: "The Temperature is %1",
    receiver: "test@nomos-system.com",
    attachment: "http://192.168.1.3/videostream.cgi?user=&pwd="
  },
  push: {
    text: "The Temperature is %1",
    sound: "sound-02",
    badge: 36
  },
  variables: ["36.4 Degrees"]
}

```

```

{
  internal: {
    text: "The Temperature is %1",
    priority: 2
  },
  email: {
    subject: "The Temperature is %1",
    text: "The Temperature is %1",
    receiver: ["test@nomos-system.com", "test2@nomos-system.com", 11, 12, 13],
    attachment: "http://192.168.1.3/videostream.cgi?user=&pwd="
  },
  push: {
    receiver: [{appId: "com.nomos-system.testapp", did: "1E4F8745-BBBB-40DA-1F7A-2CDAC92BBBBB"},
              "com.nomos-system.testapp:1E4F8745-AAAA-40DA-1F7B-2CDAC92AAAAA"
            ],
    payload: {
      APNS: { // Apple Push Notification Service Payload
        aps: {
          alert: {
            title: "Temperature %1",
            body: "The Temperature is %1",
          },
          sound: "sound-02",
          badge: 36
        },
        YOUR-PAYLOAD: { // individual Payload
          foo: "bar"
        }
      },
      GCM: { // Google Cloud Messaging Payload
        time_to_live: 10,
        YOUR-PAYLOAD: { // individual Payload
          foo: "bar"
        }
      }
    }
  },
  variables: ["36.4 Degrees"]
}

```

- Success-Response [#success-examples-Notification-sendNotification-0\_2\_0-0]

```
true
```

## Notification - sendNotification

Send a Notification

EMIT

```
/api/v1
```

Parameter

Field	Type	Description
internal optional	Object	Internal Message System Options/Settings
text	String	Notification Text
priority optional	Integer	Priority (see Priorities [#PRIORITIES] for more Informations) Default value: 2 Size range: 0–4
email optional	Object	E-Mail System Options/Settings
receiver optional	String/String[]	E-Mail Receiver(s), as E-Mail Address(es) or as User-ID's to take E-Mail Address(es) from. When this parameter le Addresses will be used.
subject optional	String	Subject
text	String	Text
attachment optional	String/String[]	E-Mail Attachment URL(s), can be any kind of URL's which are reachable by the System. For example WebCam I too.
push optional	Object	Push Notification Message Options/Settings
receiver optional	String[]/Object[]	Notification Receiver(s), as String(s) in form of "appId:did" (App-ID:Device-ID), as Object(s) {appId: "", did: ""} or l all known clients.
text	String	Notification Text
title optional	String	Notification Title
sound optional	String	Notification Sound (no file extension) or null for no sound at all. Default value: default
badge optional	Integer	Notification Badge/Message Count Indicator
payload optional	Object	Platform specific Notification Service Payload Options/Settings
APNS optional	Object	Apple Push Notification Service (see Documentation [https://developer.apple.com/library/ios/documentation/NetworkingInternet/Conceptual/RemoteNotification for more options)
apn optional	Object	Notification Payload
alert optional	String/Object	Message Text or more detailed Informations
title optional	String	Message Title
body optional	String	Message Text
sound optional	String	Notification Sound
badge optional	Integer	Notification Badge/Message Count Indicator

Field	Type	Description
content-available optional	Integer	New content is available?
GCM optional	Object	Google Cloud Messaging (see Documentation [ <a href="https://developers.google.com/cloud-messaging/http-server-re">https://developers.google.com/cloud-messaging/http-server-re</a> ])
delay_while_idle optional	Boolean	When this parameter is set to true, it indicates that the message should not be sent until the device becomes available. Allowed values: <code>true</code> , <code>false</code>
time_to_live optional	Integer	This parameter specifies how long (in seconds) the message should be kept in GCM storage if the device is offline.
profile optional	String/String[]	Send a/or multiple predefined Notification Profile(s)
variables optional	String[]	Values/Variables to take place in Notification Text(s)

- Profile Example 1 [#parameter-examples-Notification-sendNotification-0\_1\_9-0]
- Profile Example 2 [#parameter-examples-Notification-sendNotification-0\_1\_9-1]
- Complex Example [#parameter-examples-Notification-sendNotification-0\_1\_9-2]
- A more complex Example [#parameter-examples-Notification-sendNotification-0\_1\_9-3]

```
{
  profile: "battery"
}
```

```
{
  profile: ["battery"],
  variables: ["MultiSensor"]
}
```

```
{
  internal: {
    text: "The Temperature is %1",
    priority: 2
  },
  email: {
    subject: "The Temperature is %1",
    text: "The Temperature is %1",
    receiver: "test@nomos-system.com",
    attachment: "http://192.168.1.3/videostream.cgi?user=&pwd="
  },
  push: {
    text: "The Temperature is %1",
    sound: "sound-02",
    badge: 36
  },
  variables: ["36.4 Degrees"]
}
```

```
{
  internal: {
    text: "The Temperature is %1",
    priority: 2
  },
  email: {
    subject: "The Temperature is %1",
    text: "The Temperature is %1",
    receiver: ["test@nomos-system.com", "test2@nomos-system.com", 11, 12, 13],
    attachment: "http://192.168.1.3/videostream.cgi?user=&pwd="
  },
  push: {
    receiver: [{appId: "com.nomos-system.testapp", did: "1E4F8745-BBBB-40DA-1F7A-2CDAC92BBBBB"},
               "com.nomos-system.testapp:1E4F8745-AAAA-40DA-1F7B-2CDAC92AAAAA"],
    payload: {
      APNS: { // Apple Push Notification Service Payload
        aps: {
          alert: {
            title: "Temperature %1",
            body: "The Temperature is %1",
          },
          sound: "sound-02",
        }
      }
    }
  }
}
```



```

        badge: 36
      },
      YOUR-PAYLOAD: { // individual Payload
        foo: "bar"
      }
    },
    GCM: { // Google Cloud Messaging Payload
      time_to_live: 10,
      YOUR-PAYLOAD: { // individual Payload
        foo: "bar"
      }
    }
  }
},
variables: ["36.4 Degrees"]
}

```

- Success-Response [#success-examples-Notification-sendNotification-0\_1\_9-0]

```
true
```

## Notification - sendNotification

Send a Notification

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
internal optional	Object	Internal Message System Options/Settings
text	String	Notification Text
priority optional	Integer	Priority Size range: 0–5
email optional	Object	E-Mail System Options/Settings
receiver optional	String/String[]	E-Mail Receiver(s), as E-Mail Address(es) or as User-ID's to take E-Mail Address(es) from. When this parameter le Addresses will be used.
subject optional	String	Subject
text	String	Text
attachment optional	String/String[]	E-Mail Attachment URL(s), can be any kind of URL's which are reachable by the System. For example WebCam I too.
push optional	Object	Push Notification Message Options/Settings
receiver optional	String[]/Object[]	Notification Receiver(s), as String(s) in form of "appId:did" (App-ID:Device-ID), as Object(s) {appId: "", did: ""} or l all known clients.
text	String	Notification Text
sound optional	String	Notification Sound (no file extension)
badge optional	Integer	Notification Badge/Message Count Indicator

Field	Type	Description
payload optional	Object	Platform specific Notification Service Payload Options/Settings
APNS optional	Object	Apple Push Notification Service (see Documentation [ <a href="https://developer.apple.com/library/ios/documentation/NetworkingInternet/Conceptual/RemoteNotification">https://developer.apple.com/library/ios/documentation/NetworkingInternet/Conceptual/RemoteNotification</a> for more options])
apn optional	Object	Notification Payload
alert optional	String/Object	Message Text or more detailed Informations
title optional	String	Message Title
body optional	String	Message Text
sound optional	String	Notification Sound
badge optional	Integer	Notification Badge/Message Count Indicator
content-available optional	Integer	New content is available?
GCM optional	Object	Google Cloud Messaging (see Documentation [ <a href="https://developers.google.com/cloud-messaging/http-server-re">https://developers.google.com/cloud-messaging/http-server-re</a> ])
delay_while_idle optional	Boolean	When this parameter is set to true, it indicates that the message should not be sent until the device becomes available. Allowed values: true, false
time_to_live optional	Integer	This parameter specifies how long (in seconds) the message should be kept in GCM storage if the device is offline.
profile optional	String/String[]	Send a/or multiple predefined Notification Profile(s)
variables optional	String[]	Values/Variables to take place in Notification Text(s)

- Profile Example 1 [#parameter-examples-Notification-sendNotification-0\_1\_8-0]
- Profile Example 2 [#parameter-examples-Notification-sendNotification-0\_1\_8-1]
- Complex Example [#parameter-examples-Notification-sendNotification-0\_1\_8-2]
- A more complex Example [#parameter-examples-Notification-sendNotification-0\_1\_8-3]

```
{
  profile: "battery"
}
```

```
{
  profile: ["battery"],
  variables: ["MultiSensor"]
}
```

```
{
  internal: {
    text: "The Temperature is %1",
    priority: 2
  },
  email: {
    subject: "The Temperature is %1",
    text: "The Temperature is %1",
    receiver: "test@nomos-system.com",
    attachment: "http://192.168.1.3/videostream.cgi?user=&pwd="
  },
  push: {
    text: "The Temperature is %1",
    sound: "sound-02",
    badge: 36
  },
}
```

```
variables: ["36.4 Degrees"]
}
```

```
{
  internal: {
    text: "The Temperature is %1",
    priority: 2
  },
  email: {
    subject: "The Temperature is %1",
    text: "The Temperature is %1",
    receiver: ["test@nomos-system.com", "test2@nomos-system.com", 11, 12, 13],
    attachment: "http://192.168.1.3/videostream.cgi?user=&pwd="
  },
  push: {
    receiver: [{appId: "com.nomos-system.testapp", did: "1E4F8745-BBBB-40DA-1F7A-2CDAC92BBBBB"},
              {"com.nomos-system.testapp:1E4F8745-AAAA-40DA-1F7B-2CDAC92AAAAA"}
            ],
    payload: {
      APNS: { // Apple Push Notification Service Payload
        aps: {
          alert: {
            title: "Temperature %1",
            body: "The Temperature is %1",
          },
          sound: "sound-02.caf",
          badge: 36
        },
        YOUR-PAYLOAD: { // individual Payload
          foo: "bar"
        }
      },
      GCM: { // Google Cloud Messaging Payload
        time_to_live: 10,
        YOUR-PAYLOAD: { // individual Payload
          foo: "bar"
        }
      }
    }
  },
  variables: ["36.4 Degrees"]
}
```

- Success-Response [#success-examples-Notification-sendNotification-0\_1\_8-0]

```
true
```

## NotificationProfile

### NotificationProfile - addNotificationProfile

Add a Notification Profile

EMIT

```
/api/v1
```

#### Parameter

Field	Type	Description
name	String	Profile Name
description	String	Profile Description

Field	Type	Description
alertType	optional	String Profile Alert Type Default value: none Allowed values: none, battery, motion, flood, smoke
enabled	optional	Boolean Profile enabled/disabled Default value: true Allowed values: true, false
internal	optional	Object Internal Message System Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)
email	optional	Object E-Mail System Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)
push	optional	Object Push Notification Message Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)

- Example [#parameter-examples-NotificationProfile-addNotificationProfile-0\_1\_9-0]

```
{alertType: 'motion',
  name: 'Motion Alarm',
  description: 'Motion Alarm',
  enabled: false,
  internal: {text: 'Motion Alarm in %1'},
  push:
    {text: 'Motion Alarm in %1',
      sound: 'beep-02',
      badge: 1
    },
  email:
    { subject: 'Motion Alarm in %1',
      text: 'Motion Alarm in %1',
      receiver: ['test@nomos-system.com']
    }
}
```

- Success-Response [#success-examples-NotificationProfile-addNotificationProfile-0\_1\_9-0]

```
true
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occured

- Error-Response [#error-examples-NotificationProfile-addNotificationProfile-0\_1\_9-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## NotificationProfile - addNotificationProfile

Add a Notification Profile

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
name	String	Profile Name
description	optional String	Profile Description
alertType	optional String	Profile Alert Type Default value: none Allowed values: none, battery, motion, flood, smoke
enabled	optional Boolean	Profile enabled/disabled Default value: true Allowed values: true, false
internal	optional Object	Internal Message System Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)
email	optional Object	E-Mail System Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)
push	optional Object	Push Notification Message Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)

- Example [#parameter-examples-NotificationProfile-addNotificationProfile-0\_1\_8-0]

```
{alertType: 'motion',
 name: 'Motion Alarm',
 description: 'Motion Alarm',
 enabled: false,
 internal: {text: 'Motion Alarm in %1'},
 push:
  {text: 'Motion Alarm in %1',
   sound: 'beep-02',
   badge: 1
  },
 email:
  { subject: 'Motion Alarm in %1',
    text: 'Motion Alarm in %1',
    receiver: ['test@nomos-system.com']
  }
}
```

- Success-Response [#success-examples-NotificationProfile-addNotificationProfile-0\_1\_8-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-NotificationProfile-addNotificationProfile-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## NotificationProfile - disableNotificationProfile

Disable a Notification Profile

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name

- Example [#parameter-examples-NotificationProfile-disableNotificationProfile-0\_1\_8-0]

```
{
  name: "test"
}
```

- Success-Response [#success-examples-NotificationProfile-disableNotificationProfile-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-NotificationProfile-disableNotificationProfile-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## NotificationProfile - enableNotificationProfile

Enable a Notification Profile

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name

- Example [#parameter-examples-NotificationProfile-enableNotificationProfile-0\_1\_8-0]

```
{
  name: "test"
}
```

- Success-Response [#success-examples-NotificationProfile-enableNotificationProfile-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-NotificationProfile-enableNotificationProfile-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## NotificationProfile - getNotificationProfiles

Get all Notification Profiles

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
alertTypeFilter	optional String	Filter by "alertType"  Default value: all  Allowed values: all, battery, motion, flood, smoke
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-NotificationProfile-getNotificationProfiles-0\_1\_8-0]

```
{
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
object	Object[]	Notification Profile Objects
alertType	String	Alert Type
type	String	Type of Profile  Allowed values: user, system
name	String	Profile Name
description	String	Profile Description
enabled	Boolean	Enabled  Allowed values: true, false

Field	Type	Description
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update
internal	optional Object	Internal Message System Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)
email	optional Object	E-Mail System Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)
push	optional Object	Push Notification Message Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)

- Success-Response [#success-examples-NotificationProfile-getNotificationProfiles-0\_1\_8-0]

```
[{alertType: 'motion',
  type: 'system',
  name: 'Motion Alarm',
  description: 'Motion Alarm',
  enabled: true,
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  internal: {text: 'Motion Alarm in %1'},
  push:
  {text: 'Motion Alarm in %1',
   sound: 'beep-02',
   badge: 1
  },
  email:
  { subject: 'Motion Alarm in %1',
    text: 'Motion Alarm in %1',
    receiver: ['test@nomos-system.com']
  }
}]
```

## NotificationProfile - getNotificationProfiles

Get all Notification Profiles

EMIT

```
/config
```

### Parameter

Field	Type	Description
alertTypeFilter	optional String	Filter by "alertType"  Default value: all

- Success-Response [#success-examples-NotificationProfile-getNotificationProfiles-0\_1\_5-0]

```
[{ alertType: 'motion',
  type: 'system',
  name: 'Motion Alarm',
  description: 'Motion Alarm',
  internal: { text: 'Motion Alarm in %1' },
  push:
  { text: 'Motion Alarm in %1',
    sound: 'beep-02',
    badge: 1
  },
  email:
  { subject: 'Motion Alarm in %1',
    text: 'Motion Alarm in %1',
    receiver: [ 'test@nomos-system.com' ]
  }
}]
```



```
}
]
```

## NotificationProfile - removeNotificationProfile

Remove a Notification Profile

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name

- Example [#parameter-examples-NotificationProfile-removeNotificationProfile-0\_1\_9-0]

```
{
  name: "test"
}
```

- Success-Response [#success-examples-NotificationProfile-removeNotificationProfile-0\_1\_9-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
117	Not allowed
121	Dependency error

- Error-Response 1 [#error-examples-NotificationProfile-removeNotificationProfile-0\_1\_9-0]
- Error-Response 2 [#error-examples-NotificationProfile-removeNotificationProfile-0\_1\_9-1]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

```
{
  errorCode: 121,
  errorText: "Dependency error",
  dependencies: {events: ["E10"], scenes: [20, 21]}
}
```

## NotificationProfile - removeNotificationProfile

Remove a Notification Profile

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
name	String	Profile Name

- Example [#parameter-examples-NotificationProfile-removeNotificationProfile-0\_1\_8-0]

```
{
  name: "test"
}
```

- Success-Response [#success-examples-NotificationProfile-removeNotificationProfile-0\_1\_8-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
117	Not allowed

- Error-Response [#error-examples-NotificationProfile-removeNotificationProfile-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

**NotificationProfile - resetSystemNotificationProfiles**

Reset all System Notification Profiles to Factory Default

EMIT

```
/api/v1
```

- Success-Response [#success-examples-NotificationProfile-resetSystemNotificationProfiles-0\_1\_8-0]

```
true
```

**Error-Codes**

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-NotificationProfile-resetSystemNotificationProfiles-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

**NotificationProfile - setNotificationProfile**

Set/Update a Notification Profile

EMIT

/api/v1

**Parameter**

Field	Type	Description
name	String	Profile Name
description	String	Profile Description
alertType	optional String	Profile Alert Type Default value: none Allowed values: none, battery, motion, flood, smoke
enabled	optional Boolean	Profile enabled/disabled Default value: true Allowed values: true, false
internal	optional Object	Internal Message System Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)
email	optional Object	E-Mail System Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)
push	optional Object	Push Notification Message Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)

- Example [#parameter-examples-NotificationProfile-setNotificationProfile-0\_1\_9-0]

```
{alertType: 'motion',
name: 'Motion Alarm',
description: 'Motion Alarm',
enabled: false,
internal: {text: 'Motion Alarm in %1'},
push:
  {text: 'Motion Alarm in %1',
sound: 'beep-02',
badge: 1
},
email:
  { subject: 'Motion Alarm in %1',
text: 'Motion Alarm in %1',
receiver: ['test@nomos-system.com']
}
}
```

- Success-Response [#success-examples-NotificationProfile-setNotificationProfile-0\_1\_9-0]

true

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-NotificationProfile-setNotificationProfile-0\_1\_9-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## NotificationProfile - setNotificationProfile

Set/Update a Notification Profile

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name
description	optional String	Profile Description
alertType	optional String	Profile Alert Type Default value: none Allowed values: none, battery, motion, flood, smoke
enabled	optional Boolean	Profile enabled/disabled Default value: true Allowed values: true, false
internal	optional Object	Internal Message System Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)
email	optional Object	E-Mail System Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)
push	optional Object	Push Notification Message Options/Settings (see sendNotification [#api-Notification-sendNotification] for more Informations)

- Example [#parameter-examples-NotificationProfile-setNotificationProfile-0\_1\_8-0]

```
{alertType: 'motion',
 name: 'Motion Alarm',
 description: 'Motion Alarm',
 enabled: false,
 internal: {text: 'Motion Alarm in %1'},
 push:
  {text: 'Motion Alarm in %1',
   sound: 'beep-02',
   badge: 1
  },
 email:
  { subject: 'Motion Alarm in %1',
    text: 'Motion Alarm in %1',
    receiver: ['test@nomos-system.com']
  }
}
```

- Success-Response [#success-examples-NotificationProfile-setNotificationProfile-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error

Name	Description
111	Unknown error occured

- Error-Response [#error-examples-NotificationProfile-setNotificationProfile-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## PhilipsHUE

### PhilipsHUE - addHUELight

Add a HUE Light or Group

EMIT

```
/api/v1
```

#### Parameter

Field	Type	Description
sid	optional String	System ID
name	String	Name of the Light or Group
id	String	ID of the Light or Group
lid	optional String	Library ID of the Light or Group
profile	optional String	Profile of the Light or Group
capabilities	optional String[]	Capabilities of the Light or Group
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- Example (Light) [#parameter-examples-PhilipsHUE-addHUELight-0\_1\_9-0]
- Example (Group) [#parameter-examples-PhilipsHUE-addHUELight-0\_1\_9-1]

```
{
  sid: "NS123456789",
  name: "Kitchen Light",
  id: 1,
  lid: "hue.light",
  profile: "philips_hue",
  capabilities: []
}
```

```
{
  sid: "NS123456789",
  name: "Kitchen",
  id: "G_1",
  lid: "hue.group",
  profile: "philips_hue_group",
  capabilities: []
}
```

**Success**

Field	Type	Description
cid	String	The new Component ID

- Success-Response [#success-examples-PhilipsHUE-addHUELight-0\_1\_9-0]

```
{
  cid: "C3"
}
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
114	Not connected
117	Not allowed

- Error-Response [#error-examples-PhilipsHUE-addHUELight-0\_1\_9-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

**PhilipsHUE - addHUELight**

Add a HUE Light or Group

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
sid <small>optional</small>	String	System ID
name	String	Name of the Light or Group
id	String	ID of the Light or Group
lid <small>optional</small>	String	Library ID of the Light or Group
profile <small>optional</small>	String	Profile of the Light or Group
capabilities <small>optional</small>	String[]	Capabilities of the Light or Group
tags <small>optional</small>	String/String[]	Tagging
meta <small>optional</small>	Object	Additional Meta Informations

- Example (Light) [#parameter-examples-PhilipsHUE-addHUELight-0\_1\_8-0]
- Example (Group) [#parameter-examples-PhilipsHUE-addHUELight-0\_1\_8-1]

```
{
  sid: "NS123456789",
  name: "Kitchen Light",
  id: 1,
  lid: "hue.light",
  profile: "philips_hue",
  capabilities: []
}
```

```
{
  sid: "NS123456789",
  name: "Kitchen",
  id: "G_1",
  lid: "hue.group",
  profile: "philips_hue_group",
  capabilities: []
}
```

### Success

Field	Type	Description
cid	String	The new Component ID

- Success-Response [#success-examples-PhilipsHUE-addHUELight-0\_1\_8-0]

```
{
  cid: "C3"
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-PhilipsHUE-addHUELight-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## PhilipsHUE - addHUELight

Add a HUE Light or Group

EMIT

```
/config
```

### Parameter

Field	Type	Description
sid	optional String	System ID
name	String	Name of the Light or Group
id	String	ID/Name of the Light or Group

Field	Type	Type	Description
lid	optional	String	Library ID of the Light or Group
profile	optional	String	Profile of the Light or Group
capabilities	optional	String[]	Capabilities of the Light or Group

- Example (Light) [#parameter-examples-PhilipsHUE-addHUELight-0\_1\_6-0]
- Example (Group) [#parameter-examples-PhilipsHUE-addHUELight-0\_1\_6-1]

```
{
  sid: "NS1234567890",
  name: "Kitchen Light",
  id: "Hue color lamp 1",
  lid: "hue.light",
  profile: "philips_hue",
  capabilities: []
}
```

```
{
  sid: "NS1234567890",
  name: "Kitchen",
  id: "GROUP1",
  lid: "hue.group",
  profile: "philips_hue_group",
  capabilities: []
}
```

- Success-Response [#success-examples-PhilipsHUE-addHUELight-0\_1\_6-0]

```
{
  cid: "C3",
  error: false
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-PhilipsHUE-addHUELight-0\_1\_6-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## PhilipsHUE - addHUELight

Add a HUE Light or Group

EMIT

```
/config
```

### Parameter

Field	Type	Type	Description
sid	optional	String	System ID



Field	Type	Description
name	String	Name of the Light or Group
id	String	ID of the Light or Group
profile	optional String	Profile of the Light or Group
capabilities	optional String[]	Capabilities of the Light or Group

- Example (Light) [#parameter-examples-PhilipsHUE-addHUELight-0\_1\_5-0]
- Example (Group) [#parameter-examples-PhilipsHUE-addHUELight-0\_1\_5-1]

```
{
  sid: "NS1234567890",
  name: "Kitchen Light",
  id: 1,
  profile: "philips_hue",
  capabilities: []
}
```

```
{
  sid: "NS1234567890",
  name: "Kitchen",
  id: "GROUP1",
  profile: "philips_hue_group",
  capabilities: []
}
```

- Success-Response [#success-examples-PhilipsHUE-addHUELight-0\_1\_5-0]

```
{
  cid: "C3",
  error: false
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-PhilipsHUE-addHUELight-0\_1\_5-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## PhilipsHUE - createHUEGroup

Create a HUE Light Group

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
-------	------	-------------

sid	optional	String	System ID
controller-serial	optional	String	Serial Number of HUE Controller/Bridge
name		String	Name of the Group
light-ids		Integer[]	HUE Light ID's

- Example [#parameter-examples-PhilipsHUE-createHUEGroup-0\_1\_8-0]

```
{
  name: "G1",
  "light-ids": [1, 2]
}
```

- Success-Response [#success-examples-PhilipsHUE-createHUEGroup-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
116	Timeout occurred

- Error-Response [#error-examples-PhilipsHUE-createHUEGroup-0\_1\_8-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## PhilipsHUE - createHUEGroup

Create a HUE Light Group

EMIT

```
/config
```

### Parameter

Field	Type	Description
sid	optional	String
controller-serial	optional	String
name		String
light-ids		Integer[]

- Example [#parameter-examples-PhilipsHUE-createHUEGroup-0\_1\_5-0]

```
{
  name: "G1",
  'light-ids': [1, 2]
}
```

- Success-Response [#success-examples-PhilipsHUE-createHUEGroup-0\_1\_5-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
116	Timeout occurred

- Error-Response [#error-examples-PhilipsHUE-createHUEGroup-0\_1\_5-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## PhilipsHUE - getHUEDevices

Get (autodetected) HUE Devices/Controllers/Bridges with Pairing State

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
localOnly	optional Boolean	Only local detected? Default value: true Allowed values: true, false

### Success

Field	Type	Description
object	Object[]	HUE Bridges by Serial Number
sid	String	System ID
name	String	Bridge Name
status	String	Status Allowed values: active, inactive, removed
ip	String	IP Address
serial	String	Serial Number (MAC address)
lastUpdate	String	Timestamp Last Update

- Success-Response (paired) [#success-examples-PhilipsHUE-getHUEDevices-0\_2\_9-0]
- Success-Response (not paired) [#success-examples-PhilipsHUE-getHUEDevices-0\_2\_9-1]

```
{ '001788123456':
  [ { sid: 'NS123456789',
      name: 'Philips hue bridge 2012',
```

```

    status: 'active',
    ip: '192.168.1.108',
    serial: '001788123456',
    lastUpdate: 'Mon Nov 09 2015 14:32:28 GMT+0100 (CET)'
  }
]
}

```

```

{ '001788123456':
  [ { sid: 'NS123456789',
    name: 'Philips hue bridge 2012',
    status: 'inactive',
    ip: '192.168.1.108',
    serial: '001788123456',
    lastUpdate: 'Mon Nov 09 2015 14:32:28 GMT+0100 (CET)'
  }
]
}

```

## PhilipsHUE - getHUEDevices

Get (autodetected) HUE Devices/Controllers/Bridges with Pairing State

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
localOnly	optional Boolean	Only local detected? Default value: true Allowed values: true, false

### Success

Field	Type	Description
object	Object[]	HUE Bridges by Serial Number
sid	String	System ID
name	String	Bridge Name
status	String	Status Allowed values: active, inactive, removed
ip	String	IP Address
lastUpdate	String	Timestamp Last Update

- Success-Response (paired) [#success-examples-PhilipsHUE-getHUEDevices-0\_1\_9-0]
- Success-Response (not paired) [#success-examples-PhilipsHUE-getHUEDevices-0\_1\_9-1]

```

{ '001788123456':
  [ { sid: 'NS123456789',
    name: 'Philips hue bridge 2012',
    status: 'active',
    ip: '192.168.1.108',
    lastUpdate: 'Mon Nov 09 2015 14:32:28 GMT+0100 (CET)'
  }
]
}

```

```
{ '001788123456':
  [ { sid: 'NS123456789',
    name: 'Philips hue bridge 2012',
    status: 'inactive',
    ip: '192.168.1.108',
    lastUpdate: 'Mon Nov 09 2015 14:32:28 GMT+0100 (CET)'
  }
]
```

## PhilipsHUE - getHUEDevices

Get (autodetected) HUE Devices/Controllers/Bridges with Pairing State

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
localOnly	optional Boolean	Only local detected? Default value: <code>true</code> Allowed values: <code>true</code> , <code>false</code>

### Success

Field	Type	Description
object	Object[]	HUE Bridges by Serial Number
sid	String	System ID
name	String	Bridge Name
status	String	Status
ip	String	IP Address
lastUpdate	String	Timestamp Last Update

- Success-Response (paired) [#success-examples-PhilipsHUE-getHUEDevices-0\_1\_8-0]
- Success-Response (not paired) [#success-examples-PhilipsHUE-getHUEDevices-0\_1\_8-1]

```
{ '001788123456':
  [ { sid: 'NS123456789',
    name: 'Philips hue bridge 2012',
    status: 'active',
    ip: '192.168.1.108',
    lastUpdate: 'Mon Nov 09 2015 14:32:28 GMT+0100 (CET)'
  }
]
```

```
{ '001788123456':
  [ { sid: 'NS123456789',
    name: 'Philips hue bridge 2012',
    status: 'inactive',
    ip: '192.168.1.108',
    lastUpdate: 'Mon Nov 09 2015 14:32:28 GMT+0100 (CET)'
  }
]
```

## PhilipsHUE - getHUEDevices

Get (autodetected) HUE Devices/Controllers/Bridges with Pairing State

EMIT

```
/config
```

- Success-Response (paired) [#success-examples-PhilipsHUE-getHUEDevices-0\_1\_5-0]
- Success-Response (not paired) [#success-examples-PhilipsHUE-getHUEDevices-0\_1\_5-1]

```
{ '001788123456':
  [ { sid: 'NS123456789',
    name: 'Philips hue bridge 2012',
    status: 'active',
    ip: '192.168.1.108',
    lastUpdate: 'Mon Nov 09 2015 14:32:28 GMT+0100 (CET)'
  }
]
```

```
{ '001788123456':
  [ { sid: 'NS123456789',
    name: 'Philips hue bridge 2012',
    status: 'inactive',
    ip: '192.168.1.108',
    lastUpdate: 'Mon Nov 09 2015 14:32:28 GMT+0100 (CET)'
  }
]
```

## PhilipsHUE - getHUEDevices

Get HUE Devices/Components

EMIT

```
/config
```

- Success-Response [#success-examples-PhilipsHUE-getHUEDevices-0\_1\_0-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        name: "Hue Lamp 1",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    id: "Hue Lamp 1",
    profile: "philips_hue",
    capabilities: [],
    components: [
      {
        cid: "C3",
        sid: "NS123456789"
      }
    ]
  }
]
```

## PhilipsHUE - getHUEGroups

Get (autodetected) HUE Light Groups

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
localOnly	optional Boolean	Only local detected? Default value: true Allowed values: true, false

## Success

Field	Type	Description
available	Object	Device available on following Systems
sid	String	System ID
name	String	Name of the Group
lastUpdate	String	Timestamp Last Update
id	String	Group ID
lid	String	Library ID
profile	String	Profile Name
controller-serial	String	Bridge/Controller Serial Number
light-ids	Integer[]	HUE Light ID's
capabilities	String[]	Capabilities of the Device
components	Object[]	Component(s) (if already added to the underlying system)
cid	String	Component ID
sid	String	System ID

- Success-Response [#success-examples-PhilipsHUE-getHUEGroups-0\_1\_8-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        name: "GROUP1",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    id: "G_1",
    lid: "hue.group",
    profile: "philips_hue_group",
    "controller-serial": "001788123456",
    "light-ids": [1, 2],
    capabilities: [],
    components: [
      {
        cid: "C3",
        sid: "NS123456789"
      }
    ]
  }
]
```

## PhilipsHUE - getHUEGroups

Get (autodetected) HUE Light Groups

EMIT

```
/config
```

- Success-Response [#success-examples-PhilipsHUE-getHUEGroups-0\_1\_6-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        name: "GROUP1",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    id: "GROUP1",
    lid: "hue.group",
    profile: "philips_hue_group",
    'controller-serial': '001788123456',
    'light-ids': [1, 2],
    capabilities: [],
    components: [
      {
        cid: "C3",
        sid: "NS123456789"
      }
    ]
  }
]
```

## PhilipsHUE - getHUEGroups

Get (autodetected) HUE Light Groups

EMIT

```
/config
```

- Success-Response [#success-examples-PhilipsHUE-getHUEGroups-0\_1\_5-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        name: "GROUP1",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    id: "GROUP1",
    profile: "philips_hue_group",
    'controller-serial': '001788123456',
    'light-ids': [1, 2],
    capabilities: [],
    components: [
      {
        cid: "C3",
        sid: "NS123456789"
      }
    ]
  }
]
```

## PhilipsHUE - getHUELights

Get (autodetected) HUE Lights

EMIT



/api/v1

**Parameter**

Field	Type	Description
localOnly	optional Boolean	Only local detected? Default value: true Allowed values: true, false

**Success**

Field	Type	Description
available	Object	Device available on following Systems
sid	String	System ID
name	String	Name of the Light
lastUpdate	String	Timestamp Last Update
id	String	Light ID
lid	String	Library ID
profile	String	Profile Name
controller-serial	String	Bridge/Controller Serial Number
model	Object	Model Informations
id	String	Model Id
name	String	Model Name
type	String	Model Type
capabilities	String[]	Capabilities of the Device
components	Object[]	Component(s) (if already added to the underlying system)
cid	String	Component ID
sid	String	System ID

- Success-Response [#success-examples-PhilipsHUE-getHUELights-0\_2\_10-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        name: "Hue color lamp 1",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    id: "1",
    lid: "hue.light",
    profile: "philips_hue",
  }
]
```

```

"controller-serial": "001788123456",
model: {
  id: "LCT001",
  name: "Hue Bulb",
  type: "Extended Color Light"
},
capabilities: ["hue_level", "hue_saturation", "hue_hue", "hue_hsl"],
components: [
  {
    cid: "C3",
    sid: "NS123456789"
  }
]
}
]

```

## PhilipsHUE - getHUELights

Get (autodetected) HUE Lights

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
localOnly	optional Boolean	Only local detected? Default value: true Allowed values: true, false

### Success

Field	Type	Description
available	Object	Device available on following Systems
sid	String	System ID
name	String	Name of the Light
lastUpdate	String	Timestamp Last Update
id	String	Light ID
lid	String	Library ID
profile	String	Profile Name
controller-serial	String	Bridge/Controller Serial Number
modelid	String	Model ID
capabilities	String[]	Capabilities of the Device
components	Object[]	Component(s) (if already added to the underlying system)
cid	String	Component ID

Field	Type	Description
sid	String	System ID

- Success-Response [#success-examples-PhilipsHUE-getHUELights-0\_2\_2-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        name: "Hue color lamp 1",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    id: "1",
    lid: "hue.light",
    profile: "philips_hue",
    'controller-serial': '001788123456',
    modelid: 'LCT001',
    capabilities: [],
    components: [
      {
        cid: "C3",
        sid: "NS123456789"
      }
    ]
  }
]
```

## PhilipsHUE - getHUELights

Get (autodetected) HUE Lights

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
localOnly <span style="float: right;">optional</span>	Boolean	Only local detected? Default value: true Allowed values: true, false

### Success

Field	Type	Description
available	Object	Device available on following Systems
sid	String	System ID
name	String	Name of the Light
lastUpdate	String	Timestamp Last Update
id	String	Light ID
lid	String	Library ID
profile	String	Profile Name

Field	Type	Description
controller-serial	String	Bridge/Controller Serial Number
capabilities	String[]	Capabilities of the Device
components	Object[]	Component(s) (if already added to the underlying system)
cid	String	Component ID
sid	String	System ID

- Success-Response [#success-examples-PhilipsHUE-getHUELights-0\_1\_8-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        name: "Hue color lamp 1",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    id: "1",
    lid: "hue.light",
    profile: "philips_hue",
    'controller-serial': '001788123456',
    capabilities: [],
    components: [
      {
        cid: "C3",
        sid: "NS123456789"
      }
    ]
  }
]
```

## PhilipsHUE - getHUELights

Get (autodetected) HUE Lights

EMIT

```
/config
```

- Success-Response [#success-examples-PhilipsHUE-getHUELights-0\_1\_6-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        name: "Hue color lamp 1",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    id: "Hue color lamp 1",
    lid: "hue.light",
    profile: "philips_hue",
    'controller-serial': '001788123456',
    capabilities: [],
    components: [
      {
        cid: "C3",
        sid: "NS123456789"
      }
    ]
  }
]
```

## PhilipsHUE - getHUELights

Get (autodetected) HUE Lights

EMIT

```
/config
```

- Success-Response [#success-examples-PhilipsHUE-getHUELights-0\_1\_5-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        name: "Hue Lamp 1",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    id: 1,
    profile: "philips_hue",
    'controller-serial': '001788123456',
    capabilities: [],
    components: [
      {
        cid: "C3",
        sid: "NS123456789"
      }
    ]
  }
]
```

## PhilipsHUE - hueStateChange

Update Event when Philips HUE State Events get fired

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
sid	String	System ID
name	String	Bridge/Controller Name
serial	String	Bridge/Controller Serial Number
status	String	Status Allowed values: active, inactive, removed
ip	String	IP Address

- Response [#success-examples-PhilipsHUE-hueStateChange-0\_1\_8-0]

```
{
  sid: "NS123456789",
  name: "Philips hue bridge 2012",
  serial: "001788123456",
  status: "active",
  ip: "192.168.1.108"
}
```

## PhilipsHUE - identifyHUE

## Identify a HUE Light

## EMIT

```
/api/v1
```

## Parameter

Field	Type	Description
sid	optional	String System ID
controller-serial	optional	String Serial Number of HUE Controller/Bridge
id		String ID/Name of the Light or Group

- Example [#parameter-examples-PhilipsHUE-identifyHUE-0\_1\_8-0]

```
{
  id: 1
}
```

- Success-Response [#success-examples-PhilipsHUE-identifyHUE-0\_1\_8-0]

```
true
```

## Error-Codes

Name	Description
106	Parameter(s) error
112	Not found
116	Timeout occurred

- Error-Response [#error-examples-PhilipsHUE-identifyHUE-0\_1\_8-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## PhilipsHUE - removeHUEGroup

Removes a HUE Light Group

## EMIT

```
/api/v1
```

## Parameter

Field	Type	Description
sid	optional	String System ID
controller-serial	optional	String Serial Number of HUE Controller/Bridge
name		String Name of the Group

- Example [#parameter-examples-PhilipsHUE-removeHUEGroup-0\_1\_8-0]

```
{
  name: "G1"
}
```

- Success-Response [#success-examples-PhilipsHUE-removeHUEGroup-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
112	Not found
116	Timeout occurred

- Error-Response [#error-examples-PhilipsHUE-removeHUEGroup-0\_1\_8-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## Profiles

### Profiles - disableProfile

Disable a Profile

EMIT

```
/api/v1
```

#### Parameter

Field	Type	Description
name	String	Profile Name  Allowed values: hue, knx, netatmo, sonos, zwave

- Example [#parameter-examples-Profiles-disableProfile-0\_2\_3-0]

```
{
  name: "sonos"
}
```

- Success-Response [#success-examples-Profiles-disableProfile-0\_2\_3-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

Name	Description
117	Not allowed

- Error-Response [#error-examples-Profiles-disableProfile-0\_2\_3-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Profiles - disableProfile

Disable a Profile

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name

- Example [#parameter-examples-Profiles-disableProfile-0\_1\_8-0]

```
{
  name: "sonos"
}
```

- Success-Response [#success-examples-Profiles-disableProfile-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Profiles-disableProfile-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Profiles - enableProfile

Enable a Profile

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
-------	------	-------------



name	String	Profile Name Allowed values: hue, knx, netatmo, sonos, zwave
------	--------	---

- Example [#parameter-examples-Profiles-enableProfile-0\_2\_3-0]

```
{
  name: "sonos"
}
```

- Success-Response [#success-examples-Profiles-enableProfile-0\_2\_3-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
117	Not allowed

- Error-Response [#error-examples-Profiles-enableProfile-0\_2\_3-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Profiles - enableProfile

Enable a Profile

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name

- Example [#parameter-examples-Profiles-enableProfile-0\_1\_8-0]

```
{
  name: "sonos"
}
```

- Success-Response [#success-examples-Profiles-enableProfile-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error

Name	Description
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Profiles-enableProfile-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Profiles - getProfileMeta

Get Profile Meta Data

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name Allowed values: hue, knx, netatmo, sonos, zwave

- Example [#parameter-examples-Profiles-getProfileMeta-0\_2\_14-0]

```
{
  name: "sonos"
}
```

### Success

Field	Type	Description
enabled	Boolean	Enabled Status Allowed values: true, false
debug	Boolean	Debug Status Allowed values: true, false
status	String	Status Text
authorized	optional Boolean	Netatmo only: Authorized State Allowed values: true, false
username	optional String	Netatmo only: Username/E-Mail
physaddr	optional String	KNX only: Physical Address
addrForm	optional Integer	KNX only: Address Format (2 or 3 Step) Size range: 2-3
addrFormLocked	optional Boolean	KNX only: Address Format (2 or 3 Step) Change Protection Status Allowed values: true, false

Field	Type	Description
multicastEnabled	optional	Boolean KNX only: Multicast Server enabled/disabled Allowed values: true, false
offline	optional	Boolean KNX only: Offline State Allowed values: true, false

- Success-Response [#success-examples-Profiles-getProfileMeta-0\_2\_14-0]

```
{
  enabled: true,
  debug: false,
  status: ''
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
117	Not allowed

- Error-Response [#error-examples-Profiles-getProfileMeta-0\_2\_14-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Profiles - getProfileMeta

Get Profile Meta Data

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name

- Example [#parameter-examples-Profiles-getProfileMeta-0\_1\_8-0]

```
{
  name: "sonos"
}
```

### Success

Field	Type	Description
enabled	Boolean	Enabled Status Allowed values: true, false

Field	Type	Description
debug	Boolean	Debug Status Allowed values: <code>true</code> , <code>false</code>
physAddress <small>optional</small>	String	KNX only: Physical Address
addrForm <small>optional</small>	Integer	KNX only: Address Format (2 or 3 Step) Size range: 2–3
addrFormLocked <small>optional</small>	Boolean	KNX only: Address Format (2 or 3 Step) Change Protection Status Allowed values: <code>true</code> , <code>false</code>
multicastEnabled <small>optional</small>	Boolean	KNX only: Multicast Server enabled/disabled Allowed values: <code>true</code> , <code>false</code>

- Success-Response [#success-examples-Profiles-getProfileMeta-0\_1\_8-0]

```
{
  enabled: true,
  debug: false
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
117	Not allowed

- Error-Response [#error-examples-Profiles-getProfileMeta-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Profiles - setProfileMeta

Set Profile Meta Data

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name Allowed values: <code>hue</code> , <code>knx</code> , <code>netatmo</code> , <code>sonos</code> , <code>zwave</code>

Field	Type	Description
enabled	Boolean	Enabled Status Allowed values: <code>true</code> , <code>false</code>
debug optional	Boolean	Debug Status Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>
username optional	String	Netatmo only: Username/E-Mail
password optional	String	Netatmo only: Password (will not be stored on the system!)
physaddr optional	String	KNX only: Physical Address
addrForm optional	Integer	KNX only: Address Format (2 or 3 Step) Size range: 2–3
multicastEnabled optional	Boolean	KNX only: Multicast Server enabled/disabled Allowed values: <code>true</code> , <code>false</code>

- Example (Sonos) [#parameter-examples-Profiles-setProfileMeta-0\_2\_3-0]
- Example (HUE) [#parameter-examples-Profiles-setProfileMeta-0\_2\_3-1]
- Example (Netatmo) [#parameter-examples-Profiles-setProfileMeta-0\_2\_3-2]
- Example (KNX) [#parameter-examples-Profiles-setProfileMeta-0\_2\_3-3]

```
{
  name: "sonos",
  enabled: true,
  debug: true
}
```

```
{
  name: "hue",
  enabled: true
}
```

```
{
  name: "netatmo",
  enabled: true,
  username: "name@your-email.com",
  password: "mypassword"
}
```

```
{
  name: "knx",
  physaddr: "1.1.254",
  addrForm: 3,
  multicastEnabled: false,
  enabled: true
}
```

- Success-Response [#success-examples-Profiles-setProfileMeta-0\_2\_3-0]

```
true
```

## Error-Codes

Name	Description
106	Parameter(s) error

Name	Description
111	Unknown error occurred
112	Not found
115	Connection error
117	Not allowed

- Error-Response [#error-examples-Profiles-setProfileMeta-0\_2\_3-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Profiles - setProfileMeta

Set Profile Meta Data

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Profile Name
enabled	Boolean	Enabled Status Allowed values: <code>true</code> , <code>false</code>
debug optional	Boolean	Debug Status Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>
physAddress optional	String	KNX only: Physical Address
addrForm optional	Integer	KNX only: Address Format (2 or 3 Step) Size range: 2-3
multicastEnabled optional	Boolean	KNX only: Multicast Server enabled/disabled Allowed values: <code>true</code> , <code>false</code>

- Example (Sonos) [#parameter-examples-Profiles-setProfileMeta-0\_1\_8-0]
- Example (HUE) [#parameter-examples-Profiles-setProfileMeta-0\_1\_8-1]
- Example (KNX) [#parameter-examples-Profiles-setProfileMeta-0\_1\_8-2]

```
{
  name: "sonos",
  enabled: true,
  debug: true
}
```

```
{
  name: "hue",
  enabled: true
}
```

```
{
  name: "knx",
  physAddress: "1.1.254",
  addrForm: 3,
  multicastEnabled: false,
  enabled: true
}
```

- Success-Response [#success-examples-Profiles-setProfileMeta-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Profiles-setProfileMeta-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Profiles - setProfileMeta

Set Profile Meta Data

EMIT

```
/config
```

### Parameter

Field	Type	Description
name	String	Profile Name
enabled	Boolean	true   false Enabled Status
debug optional	Boolean	Debug Status Default value: false
physAddress optional	String	KNX only: Physical Address
addrForm optional	Integer	KNX only: Address Format (2 or 3 Step) Size range: 2-3
multicastEnabled optional	Boolean	true   false KNX only: Multicast Server enabled/disabled

- Example (Sonos) [#parameter-examples-Profiles-setProfileMeta-0\_1\_5-0]
- Example (HUE) [#parameter-examples-Profiles-setProfileMeta-0\_1\_5-1]
- Example (KNX) [#parameter-examples-Profiles-setProfileMeta-0\_1\_5-2]

```
{
  name: "sonos",
  enabled: true,
}
```

```

debug: true
}

```

```

{
  name: "hue",
  enabled: true
}

```

```

{
  name: "KNX",
  physAddress: "1.1.254",
  addrForm: 3,
  multicastEnabled: false,
  enabled: true
}

```

- Success-Response [#success-examples-Profiles-setProfileMeta-0\_1\_5-0]

```
true
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Profiles-setProfileMeta-0\_1\_5-0]

```

{
  errorCode: 106,
  errorText: "Parameter(s) error"
}

```

# Property

## Property - getProperty

Get Property Informations

EMIT

```
/api/v1
```

## Success

Field	Type	Description
name	String	Property Name
country	String	Country Code
region	String	Region
city	String	City
lat	Float	Location Latitude



Field	Type	Description
lng	Float	Location Longitude

- Success-Response [#success-examples-Property-getProperty-0\_1\_9-0]

```
{
  name: "Bernhard's Apartment",
  country: "CH",
  region: "",
  city: "Winterthur",
  lat: 47.483637,
  lng: 8.708144
}
```

## Property - getProperty

Get Property Informations

EMIT

```
/api/v1
```

### Success

Field	Type	Description
name	String	Property Name
country	String	Property Country Code

- Success-Response [#success-examples-Property-getProperty-0\_1\_8-0]

```
{
  name: "Bernhard's Apartment",
  country: "CH"
}
```

## Property - getPropertyImage

Get Property Image

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Property-getPropertyImage-0\_1\_8-0]

```
"..."
```

- Error-Response [#error-examples-Property-getPropertyImage-0\_1\_8-0]

```
null
```

## Property - getPropertyName

Get Property Name

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Property-getPropertyName-0\_1\_8-0]

```
"Bernhard's Apartment"
```

## Property - onPropertyImageChange

Update Event when Property Image has changed

ON/EVENT

```
/api/v1
```

### Parameter

Field	Type	Description
data	String	Image Data (base64 encoded)

- Example [#parameter-examples-Property-onPropertyImageChange-0\_1\_8-0]

```
"data: image/jpeg;base64,/9j/4AAQSkZJRgABAQEASABIA..."
```

## Property - onPropertyNameChange

Update Event when Property Name has changed

ON/EVENT

```
/api/v1
```

- Example [#success-examples-Property-onPropertyNameChange-0\_1\_8-0]

```
"Bernhard's Home"
```

## Property - setProperty

Set/Update Property

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Name
country	optional String	Country Code
region	optional String	Region
city	optional String	City
lat	optional Float	Location Latitude
lng	optional Float	Location Longitude

- Example [#parameter-examples-Property-setProperty-0\_1\_9-0]

```
{
  name: "Bernhard's Home",
}
```

```
{
  country: "CH"
}
```

- Success-Response [#success-examples-Property-setProperty-0\_1\_9-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Property-setProperty-0\_1\_9-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Property - setProperty

Set/Update Property

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Name
country	String	Country Code

- Example [#parameter-examples-Property-setProperty-0\_1\_8-0]

```
{
  name: "Bernhard's Home",
  country: "CH"
}
```

- Success-Response [#success-examples-Property-setProperty-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Property-setProperty-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Property - setPropertyImage

Set Property Image

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
data	String	(New) Image Data (base64 encoded)

- Example [#parameter-examples-Property-setPropertyImage-0\_1\_8-0]

```
{
  data: "..."
}
```

- Success-Response [#success-examples-Property-setPropertyImage-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occured

- Error-Response [#error-examples-Property-setPropertyImage-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Property - setPropertyName

Set Property Name

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	(New) name

- Example [#parameter-examples-Property-setPropertyName-0\_1\_8-0]

```
{
  name: "Bernhard's Home"
}
```

- Success-Response [#success-examples-Property-setPropertyName-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error

Name	Description
111	Unknown error occured

- Error-Response [#error-examples-Property-setPropertyName-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Rooms

### Rooms - addRoom

Add a Room

EMIT

```
/api/v1
```

#### Parameter

Field	Type	Description
name	String	The Name of the Room

- Example [#parameter-examples-Rooms-addRoom-0\_1\_8-0]

```
{
  name: "Bath Room"
}
```

#### Success

Field	Type	Description
id	Integer	Room ID

- Success-Response [#success-examples-Rooms-addRoom-0\_1\_8-0]

```
{
  id: 5
}
```

#### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occured

- Error-Response [#error-examples-Rooms-addRoom-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Rooms - addRoom

Add a Room

EMIT

```
/config
```

### Parameter

Field	Type	Description
name	String	The Name of the floor

- Example [#parameter-examples-Rooms-addRoom-0\_1\_0-0]

```
{
  name: "Bath Room"
}
```

- Success-Response [#success-examples-Rooms-addRoom-0\_1\_0-0]

```
{
  id: 5,
  name: "Bath Room"
}
```

### Error-Codes

Name	Description
111	Unknown error ocured

- Error-Response [#error-examples-Rooms-addRoom-0\_1\_0-0]

```
{
  errorCode: 111,
  errorText: "Unknown error ocured"
}
```

## Rooms - attachRoom

Attach a Room to a Floor

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Room ID
floor	Integer	Floor ID

- Example [#parameter-examples-Rooms-attachRoom-0\_1\_8-0]

```
{
  id: 5,
  floor: 1
}
```

- Success-Response [#success-examples-Rooms-attachRoom-0\_1\_8-0]

```
true
```

**Error-Codes**

Name	Description
102	Room already assigned to this floor
111	Unknown error occurred

- Error-Response [#error-examples-Rooms-attachRoom-0\_1\_8-0]

```
{
  errorCode: 102,
  errorText: "Room already assigned to this floor"
}
```

**Rooms - detachRoom**

Detach a Room from a Floor

EMIT

/api/v1

**Parameter**

Field	Type	Description
id	Integer	Room ID
floor	Integer	Floor ID

- Example [#parameter-examples-Rooms-detachRoom-0\_1\_8-0]

```
{
  id: 5,
  floor: 1
}
```

- Success-Response [#success-examples-Rooms-detachRoom-0\_1\_8-0]

true

**Error-Codes**

Name	Description
101	Room not assigned to this floor
111	Unknown error occurred

- Error-Response [#error-examples-Rooms-detachRoom-0\_1\_8-0]

```
{
  errorCode: 101,
  errorText: "Room not assigned to this floor"
}
```

**Rooms - getRoomName**

Get Room Name

EMIT

/api/v1

**Parameter**

Field	Type	Description
id	Integer	Room ID to get name from

- Example [#parameter-examples-Rooms-getRoomName-0\_1\_8-0]

```
{
  id: 1
}
```

- Success-Response [#success-examples-Rooms-getRoomName-0\_1\_8-0]

```
"Kitchen"
```

- Error-Response [#error-examples-Rooms-getRoomName-0\_1\_8-0]

```
null
```

**Rooms - getRooms**

Get Rooms

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-Rooms-getRooms-0\_1\_8-0]

```
{
  sortBy: ['name', 'created']
}
```

**Success**

Field	Type	Description
object	Object[]	Room Objects
id	Integer	Room ID
name	String	Room Name
floor	Integer[]	Floor ID's where this room is assigned to
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update

- Success-Response [#success-examples-Rooms-getRooms-0\_1\_8-0]

```
[
  {
    id: 1,
    name: "Kitchen",
    floor: [1],
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
  }
]
```



```

    },
    {
      id: 2,
      name: "Bed Room",
      floor: [2],
      created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
      lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
    }
  ]

```

## Rooms - getRooms

Get Rooms

EMIT

```
/config
```

- Success-Response [#success-examples-Rooms-getRooms-0\_1\_0-0]

```

[
  {
    id: 1,
    name: "Kitchen",
    floor: [1]
  },
  {
    id: 2,
    name: "Bed Room",
    floor: [2]
  }
]

```

## Rooms - onRoomAdded

Update Event when a new Room was added

ON/EVENT

```
/api/v1
```

Success

Field	Type	Description
id	Integer	Room ID
name	String	Room Name

- Success-Response [#success-examples-Rooms-onRoomAdded-0\_1\_8-0]

```

{
  id: 5,
  name: "Bath Room"
}

```

## Rooms - onRoomAttached

Update Event when a Room was attached to a Floor

ON/EVENT

```
/api/v1
```

Parameter

Field	Type	Description
-------	------	-------------

id	Integer	Room ID
floor	Integer	Floor ID

- Example [#parameter-examples-Rooms-onRoomAttached-0\_1\_8-0]

```
{
  id: 5,
  floor: 1
}
```

## Rooms - onRoomDetached

Update Event when a Room was detached from a Floor

ON/EVENT

/api/v1

### Parameter

Field	Type	Description
id	Integer	Room ID
floor	Integer	Floor ID

- Example [#parameter-examples-Rooms-onRoomDetached-0\_1\_8-0]

```
{
  id: 5,
  floor: 1
}
```

## Rooms - onRoomNameChange

Update Event when a Room Name was changed

ON/EVENT

/api/v1

### Success

Field	Type	Description
id	Integer	Room ID
name	String	Room Name

- Success-Response [#success-examples-Rooms-onRoomNameChange-0\_1\_8-0]

```
{
  id: 1,
  name: "Living Room"
}
```

## Rooms - onRoomRemoved

Update Event when a Room was removed

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
id	Integer	Room ID

- Success-Response [#success-examples-Rooms-onRoomRemoved-0\_1\_8-0]

```
{
  id: 5
}
```

## Rooms - removeRoom

Remove a Room

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Room ID

- Example [#parameter-examples-Rooms-removeRoom-0\_2\_3-0]

```
{
  id: 5
}
```

- Success-Response [#success-examples-Rooms-removeRoom-0\_2\_3-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occured
112	Not found

- Error-Response [#error-examples-Rooms-removeRoom-0\_2\_3-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Rooms - removeRoom

Remove a Room

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Room ID

- Example [#parameter-examples-Rooms-removeRoom-0\_1\_8-0]

```
{
  id: 5
}
```

- Success-Response [#success-examples-Rooms-removeRoom-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occured

- Error-Response [#error-examples-Rooms-removeRoom-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Rooms - setRoom

Set/Update a Room

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Room ID
name	optional String	Name

- Example [#parameter-examples-Rooms-setRoom-0\_2\_3-0]

```
{
  id: 1,
  name: "Living Room"
}
```

- Success-Response [#success-examples-Rooms-setRoom-0\_2\_3-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occured
112	Not found

- Error-Response [#error-examples-Rooms-setRoom-0\_2\_3-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Rooms - setRoomName

Set Room Name

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Room ID
name	String	New Name

- Example [#parameter-examples-Rooms-setRoomName-0\_2\_0-0]

```
{
  id: 1,
  name: "Living Room"
}
```

- Success-Response [#success-examples-Rooms-setRoomName-0\_2\_0-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occured
112	Not found

- Error-Response [#error-examples-Rooms-setRoomName-0\_2\_0-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Rooms - setRoomName

Set Room Name

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Room ID

Field	Type	Description
name	String	New Name

- Example [#parameter-examples-Rooms-setRoomName-0\_1\_8-0]

```
{
  id: 1,
  name: "Living Room"
}
```

- Success-Response [#success-examples-Rooms-setRoomName-0\_1\_8-0]

```
true
```

## Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-Rooms-setRoomName-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

# Scenes

## Scenes - addScene

Add a Scene

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Scene Name
enabled	optional Boolean	Scene enabled/disabled Default value: true Allowed values: true, false
hidden	optional Boolean	Hidden Scene Default value: false Allowed values: true, false
actions	optional Object[]	Actions
cid	String	Component ID
property	String	Property Name

Field	Type	Description
value	optional String/String[]	Value (or more if multiple commands)
templateid	optional String	Template ID

- Example [#parameter-examples-Scenes-addScene-0\_2\_2-0]

```
{
  name: "Coming Home",
  enabled: true,
  hidden: false,
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "level",
      value: "50"
    }
  ]
}
```

### Success

Field	Type	Description
id	Integer	Scene ID

- Success-Response [#success-examples-Scenes-addScene-0\_2\_2-0]

```
{
  id: 3
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Scenes-addScene-0\_2\_2-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Scenes - addScene

Add a Scene

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Scene Name

Field	Type	Description
enabled	optional Boolean	Scene enabled/disabled Default value: true Allowed values: true, false
actions	optional Object[]	Actions
cid	String	Component ID
property	String	Property Name
value	optional String/String[]	Value (or more if multiple commands)
templateid	optional String	Template ID

- Example [#parameter-examples-Scenes-addScene-0\_1\_9-0]

```
{
  name: "Coming Home",
  enabled: true,
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "level",
      value: "50"
    }
  ]
}
```

### Success

Field	Type	Description
id	Integer	Scene ID

- Success-Response [#success-examples-Scenes-addScene-0\_1\_9-0]

```
{
  id: 3
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Scenes-addScene-0\_1\_9-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Scenes - addScene

**EMIT** Scene



```
/api/v1
```

### Parameter

Field	Type	Description
name	String	Scene Name

- Example [#parameter-examples-Scenes-addScene-0\_1\_8-0]

```
{
  name: "Coming Home"
}
```

### Success

Field	Type	Description
id	Integer	Scene ID

- Success-Response [#success-examples-Scenes-addScene-0\_1\_8-0]

```
{
  id: 3
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Scenes-addScene-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Scenes - disableScene

Disable a Scene

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Scene ID

- Example [#parameter-examples-Scenes-disableScene-0\_1\_9-0]

```
{
  id: 2
}
```

- Success-Response [#success-examples-Scenes-disableScene-0\_1\_9-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Scenes-disableScene-0\_1\_9-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Scenes - enableScene

Enable a Scene

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Scene ID

- Example [#parameter-examples-Scenes-enableScene-0\_1\_9-0]

```
{
  id: 2
}
```

- Success-Response [#success-examples-Scenes-enableScene-0\_1\_9-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Scenes-enableScene-0\_1\_9-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Scenes - executeScene

Execute a Scene. The callback is returning when the complete scene is finished. This can take a while.

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Scene ID

- Example [#parameter-examples-Scenes-executeScene-0\_1\_8-0]

```
{
  id: 4
}
```

- Success-Response [#success-examples-Scenes-executeScene-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
116	Timeout occurred

- Error-Response [#error-examples-Scenes-executeScene-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Scenes - getScenes

Get All Scenes

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-Scenes-getScenes-0\_2\_13-0]

```
{
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
object	Object[]	Scene Objects
name	String	Scene Name

Field	Type	Description
id	Integer	Scene ID
enabled	Boolean	Enabled Allowed values: true, false
hidden	Boolean	Hidden Allowed values: true, false
position	Integer	Position
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update
actions	Object[]	Actions

- Success-Response [#success-examples-Scenes-getScenes-0\_2\_13-0]

```
[{
  name: "Good Morning",
  id: 1,
  enabled: true,
  hidden: false,
  position: 0,
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    }
  ]
},
{
  name: "Good Night",
  id: 2,
  enabled: true,
  hidden: false,
  position: 1,
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  actions: [
    {
      cid: "C0002",
      property: "switchoff"
    }
  ]
}
]
```

## Scenes - getScenes

Get All Scenes

EMIT

/api/v1

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-Scenes-getScenes-0\_1\_9-0]

```
{
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
object	Object[]	Scene Objects
name	String	Scene Name
id	Integer	Scene ID
enabled	Boolean	Enabled Allowed values: true, false
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update
actions	Object[]	Actions

- Success-Response [#success-examples-Scenes-getScenes-0\_1\_9-0]

```
[{
  name: "Good Morning",
  id: 1,
  enabled: true,
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    }
  ]
},
{
  name: "Good Night",
  id: 2,
  enabled: true,
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  actions: [
    {
      cid: "C0002",
      property: "switchoff"
    }
  ]
}
]
```

## Scenes - getScenes

Get All Scenes

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-Scenes-getScenes-0\_1\_8-0]

```
{
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
object	Object[]	Scene Objects
name	String	Scene Name
id	Integer	Scene ID
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update

- Success-Response [#success-examples-Scenes-getScenes-0\_1\_8-0]

```
[{
  name: "Good Morning",
  id: 1,
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
},
{
  name: "Good Night",
  id: 2,
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
}]
```

## Scenes - onSceneAdded

Update Event when a new Scene was added

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
id	Integer	Scene ID
name	String	Scene Name

- Example [#success-examples-Scenes-onSceneAdded-0\_1\_8-0]

```
{
  id: 3,
  name: "Coming Home"
}
```

## Scenes - onSceneNameChange

Update Event when a Scene Name was changed

ON/EVENT

```
/api/v1
```

**Success**

Field	Type	Description
id	Integer	Scene ID
name	String	Scene Name

- Success-Response [#success-examples-Scenes-onSceneNameChange-0\_2\_0-0]

```
{
  id: 3,
  name: "Test-Scene"
}
```

**Scenes - onSceneRemoved**

Update Event when a Scene was removed

ON/EVENT

/api/v1

**Success**

Field	Type	Description
id	Integer	Scene ID

- Example [#success-examples-Scenes-onSceneRemoved-0\_1\_8-0]

```
{
  id: 2
}
```

**Scenes - removeScene**

Remove a Scene

EMIT

/api/v1

**Parameter**

Field	Type	Description
id	Integer	Scene ID

- Example [#parameter-examples-Scenes-removeScene-0\_2\_0-0]

```
{
  id: 2
}
```

- Success-Response [#success-examples-Scenes-removeScene-0\_2\_0-0]

true

**Error-Codes**

Name	Description
106	Parameter(s) error

Name	Description
111	Unknown error occurred
112	Not found
121	Dependency error

- Error-Response 1 [#error-examples-Scenes-removeScene-0\_2\_0-0]
- Error-Response 2 [#error-examples-Scenes-removeScene-0\_2\_0-1]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

```
{
  errorCode: 121,
  errorText: "Dependency error",
  dependencies: {events: ["E10"], scenes: []}
}
```

## Scenes - removeScene

Remove a Scene

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Scene ID

- Example [#parameter-examples-Scenes-removeScene-0\_1\_9-0]

```
{
  id: 2
}
```

- Success-Response [#success-examples-Scenes-removeScene-0\_1\_9-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
121	Dependency error

- Error-Response 1 [#error-examples-Scenes-removeScene-0\_1\_9-0]
- Error-Response 2 [#error-examples-Scenes-removeScene-0\_1\_9-1]

```
{
  errorCode: 112,
```



```

    errorText: "Not found"
  }

```

```

{
  errorCode: 121,
  errorText: "Dependency error",
  dependencies: {events: ["E10"], scenes: []}
}

```

## Scenes - removeScene

Remove a Scene

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Scene ID

- Example [#parameter-examples-Scenes-removeScene-0\_1\_8-0]

```

{
  id: 2
}

```

- Success-Response [#success-examples-Scenes-removeScene-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Scenes-removeScene-0\_1\_8-0]

```

{
  errorCode: 112,
  errorText: "Not found"
}

```

## Scenes - setScene

Set/Update a Scene

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Scene ID

Field	Type	Description
name	String	Scene Name
enabled	optional Boolean	Scene enabled/disabled Default value: true Allowed values: true, false
hidden	optional Boolean	Hidden Scene Default value: false Allowed values: true, false
actions	optional Object[]	Actions
cid	String	Component ID
property	String	Property Name
value	optional String/String[]	Value (or more if multiple commands)
templateid	optional String	Template ID

- Example [#parameter-examples-Scenes-setScene-0\_2\_2-0]

```
{
  id: 3,
  name: "Coming Home",
  enabled: false,
  hidden: false,
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "level",
      value: "50"
    }
  ]
}
```

- Success-Response [#success-examples-Scenes-setScene-0\_2\_2-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Scenes-setScene-0\_2\_2-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Scenes - setScene

Set/Update a Scene

EMIT

/api/v1

### Parameter

Field	Type	Description
id	Integer	Scene ID
name	String	Scene Name
enabled	optional Boolean	Scene enabled/disabled Default value: true Allowed values: true, false
actions	optional Object[]	Actions
cid	String	Component ID
property	String	Property Name
value	optional String/String[]	Value (or more if multiple commands)
templateid	optional String	Template ID

- Example [#parameter-examples-Scenes-setScene-0\_2\_0-0]

```
{
  id: 3,
  name: "Coming Home",
  enabled: false,
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "level",
      value: "50"
    }
  ]
}
```

- Success-Response [#success-examples-Scenes-setScene-0\_2\_0-0]

true

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Scenes-setScene-0\_2\_0-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Scenes - setScene

Set/Update a Scene

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Scene ID
name	String	Scene Name
enabled	optional Boolean	Profile enabled/disabled Default value: true Allowed values: true, false
actions	Object[]	Actions
cid	String	Component ID
property	String	Property Name
value	optional String/String[]	Value (or more if multiple commands)
templateid	optional String	Template ID

- Example [#parameter-examples-Scenes-setScene-0\_1\_9-0]

```
{
  id: 3,
  name: "Coming Home",
  enabled: false,
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "level",
      value: "50"
    }
  ]
}
```

- Success-Response [#success-examples-Scenes-setScene-0\_1\_9-0]

```
true
```

### Error-Codes

Name	Description
------	-------------

106	Parameter(s) error
111	Unknown error occured
112	Not found

- Error-Response [#error-examples-Scenes-setScene-0\_1\_9-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Scenes - setSceneName

Set a new Scene Name

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Scene ID
name	String	Name

- Example [#parameter-examples-Scenes-setSceneName-0\_1\_9-0]

```
{
  id: 3,
  name: "Test-Scene"
}
```

- Success-Response [#success-examples-Scenes-setSceneName-0\_1\_9-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occured
112	Not found

- Error-Response [#error-examples-Scenes-setSceneName-0\_1\_9-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Scenes - setScenePosition

Set a new Scene Position. To avoid weird sorting it is best to update all scenes as once.

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Scene ID
position	Integer	Position

- Example [#parameter-examples-Scenes-setScenePosition-0\_2\_13-0]

```
{
  id: 3,
  position: 7
}
```

- Success-Response [#success-examples-Scenes-setScenePosition-0\_2\_13-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Scenes-setScenePosition-0\_2\_13-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Scripting

### Scripting - engineLogUpdate

Update Event when new Engine/Daemon Log Entys are coming in

ON/EVENT

```
/api/v1
```

- Example [#parameter-examples-Scripting-engineLogUpdate-0\_1\_8-0]

```
"07:02:47.932 - system: reading path: /root/nomos/projects/nomos/misc\n"
```

### Scripting - executeEngineCommand

Execute Daemon/Engine Command

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
syntax	String/String[]	Command(s) to execute
history	optional Boolean	Add Command(s) to Bookmark/History Default value: <code>true</code> Allowed values: <code>true</code> , <code>false</code>

- Example [#parameter-examples-Scripting-executeEngineCommand-0\_1\_8-0]
- Example (Multiple) [#parameter-examples-Scripting-executeEngineCommand-0\_1\_8-1]

```
{
  syntax: ""
}
```

```
{
  syntax: ["", ""]
}
```

- Success-Response [#success-examples-Scripting-executeEngineCommand-0\_1\_8-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
115	Connection error

- Error-Response [#error-examples-Scripting-executeEngineCommand-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

**Scripting - executeEngineCommand**

Execute Daemon/Engine Command

EMIT

```
/config
```

**Parameter**

Field	Type	Description
syntax	String/String[]	Command(s) to execute
history	optional Boolean	Add Command(s) to Bookmark/History Default value: <code>true</code>

- Example [#parameter-examples-Scripting-executeEngineCommand-0\_1\_1-0]
- Example (Multiple) [#parameter-examples-Scripting-executeEngineCommand-0\_1\_1-1]

```
{
  "syntax": ""
}
```

```
{
  "syntax": [
    "",
    ""
  ]
}
```

- Success-Response [#success-examples-Scripting-executeEngineCommand-0\_1\_1-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Scripting-executeEngineCommand-0\_1\_1-0]

```
{
  "errorCode": 106,
  "errorText": "Parameter(s) error"
}
```

## Scripting - executeEngineCommand

Execute Daemon/Engine Command

EMIT

```
/config
```

### Parameter

Field	Type	Description
syntax	String/String[]	Command(s) to execute
history	optional Boolean	Add Command(s) to Bookmark/History Default value: true

- Example [#parameter-examples-Scripting-executeEngineCommand-0\_1\_0-0]
- Example (Multiple) [#parameter-examples-Scripting-executeEngineCommand-0\_1\_0-1]

```
{
  "syntax": ""
}
```

```
{
  "syntax": [
    "",
    ""
  ]
}
```

- Success-Response [#success-examples-Scripting-executeEngineCommand-0\_1\_0-0]

```
true
```

### Error-Codes

Name	Description
------	-------------



111	Unknown error occurred
-----	------------------------

- Error-Response [#error-examples-Scripting-executeEngineCommand-0\_1\_0-0]

```
{
  "errorCode": 111,
  "errorText": "Unknown error occurred"
}
```

## Scripting - flushExecuteCommandsHistory

Flush complete Engine/Daemon Bookmark/History

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Scripting-flushExecuteCommandsHistory-0\_1\_8-0]

```
true
```

- Error-Response [#error-examples-Scripting-flushExecuteCommandsHistory-0\_1\_8-0]

```
false
```

## Scripting - getExecuteCommandsHistory

Get Engine/Daemon Executed Bookmark/History

EMIT

```
/api/v1
```

### Success

Field	Type	Description
object	String[]	Bookmarks/History

- Success-Response [#success-examples-Scripting-getExecuteCommandsHistory-0\_1\_8-0]

```
[
  "",
  ""
]
```

## Scripting - removeExecuteCommandsHistoryEntry

Remove a Command Entry out of Engine/Daemon Bookmark/History

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
syntax	String/String[]	Command(s) to remove

- Example [#parameter-examples-Scripting-removeExecuteCommandsHistoryEntry-0\_1\_8-0]

```
{
  syntax: ""
}
```

- Success-Response [#success-examples-Scripting-removeExecuteCommandsHistoryEntry-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occured

- Error-Response [#error-examples-Scripting-removeExecuteCommandsHistoryEntry-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Scripting - startEngineLogging

Start Engine/Daemon Logging

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Scripting-startEngineLogging-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occured
113	Already connected

- Error-Response [#error-examples-Scripting-startEngineLogging-0\_1\_8-0]

```
{
  errorCode: 113,
  errorText: "Already connected"
}
```

## Scripting - stopEngineLogging

Stop Engine/Daemon Logging

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Scripting-stopEngineLogging-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
------	-------------

114	Not connected
-----	---------------

- Error-Response [#error-examples-Scripting-stopEngineLogging-0\_1\_8-0]

```
{
  errorCode: 114,
  errorText: "Not connected"
}
```

## Sonos

### Sonos - addSonosDevice

Add a Sonos Device/Component

EMIT

```
/api/v1
```

#### Parameter

Field	Type	Description
sid	optional String	System ID
name	String	Name of the Device
host	String	Host IP/Name of the Device
lid	optional String	Library ID of the Device
profile	optional String	Profile of the Device
uuid	optional String	Sonos UUID
model	optional String	Sonos Model
capabilities	optional String[]	Capabilities of the Device
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- Example [#parameter-examples-Sonos-addSonosDevice-0\_1\_9-0]

```
{
  sid: "NS123456789",
  name: "Sonos Office",
  host: "192.168.1.72",
  lid: "sonos.default",
  profile: "sonos",
  uuid: "uuid-xxxxxxxxxxxxxxxxxxxx",
  model: "Sonos PLAY:3",
  capabilities: []
}
```

#### Success

Field	Type	Description
-------	------	-------------

cid	String	The new Component ID
-----	--------	----------------------

- Success-Response [#success-examples-Sonos-addSonosDevice-0\_1\_9-0]

```
{
  cid: "C2"
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
114	Not connected
117	Not allowed

- Error-Response [#error-examples-Sonos-addSonosDevice-0\_1\_9-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## Sonos - addSonosDevice

Add a Sonos Device/Component

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sid	optional String	System ID
name	String	Name of the Device
host	String	Host IP/Name of the Device
lid	optional String	Library ID of the Device
profile	optional String	Profile of the Device
uuid	optional String	Sonos UUID
model	optional String	Sonos Model
capabilities	optional String[]	Capabilities of the Device
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- Example [#parameter-examples-Sonos-addSonosDevice-0\_1\_8-0]

```
{
  sid: "NS123456789",
  name: "Sonos Office",
  host: "192.168.1.72",
  lid: "sonos.default",
  profile: "sonos",
  uuid: "uuid-xxxxxxxxxxxxxxxxxxxx",
  model: "Sonos PLAY:3",
  capabilities: []
}
```

### Success

Field	Type	Description
cid	String	The new Component ID

- Success-Response [#success-examples-Sonos-addSonosDevice-0\_1\_8-0]

```
{
  cid: "C2"
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Sonos-addSonosDevice-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## Sonos - addSonosDevice

Add a Sonos Device/Component

EMIT

```
/config
```

### Parameter

Field	Type	Description
sid	optional String	System ID
name	String	Name of the Device
host	String	Host IP/Name of the Device
lid	optional String	Library ID of the Device
profile	optional String	Profile of the Device

Field	Type	Type	Description
uuid	optional	String	Sonos UUID
capabilities	optional	String[]	Capabilities of the Device

- Example [#parameter-examples-Sonos-addSonosDevice-0\_1\_6-0]

```
{
  sid: "NS1234567890",
  name: "Sonos Office",
  host: "192.168.1.72",
  lid: "sonos.default",
  profile: "sonos",
  uuid: "uuid-xxxxxxxxxxxxxxxxxxxx",
  capabilities: []
}
```

- Success-Response [#success-examples-Sonos-addSonosDevice-0\_1\_6-0]

```
{
  cid: "C2",
  error: false
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Sonos-addSonosDevice-0\_1\_6-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## Sonos - addSonosDevice

Add a Sonos Device/Component

EMIT

```
/config
```

### Parameter

Field	Type	Type	Description
sid	optional	String	System ID
name		String	Name of the Device
host		String	Host IP/Name of the Device
profile	optional	String	Profile of the Device
uuid	optional	String	Sonos UUID

Field	Type	Description
capabilities	optional String[]	Capabilities of the Device

- Example [#parameter-examples-Sonos-addSonosDevice-0\_1\_5-0]

```
{
  sid: "NS1234567890",
  name: "Sonos Office",
  host: "192.168.1.72",
  profile: "sonos",
  uuid: "uuid-xxxxxxxxxxxxxxxxxxxx",
  capabilities: []
}
```

- Success-Response [#success-examples-Sonos-addSonosDevice-0\_1\_5-0]

```
{
  cid: "C2",
  error: false
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Sonos-addSonosDevice-0\_1\_5-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## Sonos - addSonosDevice

Add a Sonos Device/Component

EMIT

```
/config
```

### Parameter

Field	Type	Description
sid	String	System ID
name	String	Name of the Device
host	String	Host IP/Name of the Device
profile	String	Profile of the Device
uuid	String	Sonos UUID
capabilities	optional String[]	Capabilities of the Device

- Example [#parameter-examples-Sonos-addSonosDevice-0\_1\_0-0]

```
{
  "sid": "NS1234567890",
  "name": "Sonos Office",
  "host": "192.168.1.72",
  "profile": "sonos",
  "uuid": "uuid-xxxxxxxxxxxxxxxxxxxx",
  "capabilities": []
}
```

- Success-Response [#success-examples-Sonos-addSonosDevice-0\_1\_0-0]

```
{
  cid: "C2",
  error: false
}
```

- Error-Response [#error-examples-Sonos-addSonosDevice-0\_1\_0-0]

```
{
  cid: null,
  error: true
}
```

## Sonos - getSonosDevices

Get (autodetected) Sonos Devices/Components

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
localOnly	optional Boolean	Only local detected? Default value: true Allowed values: true, false

### Success

Field	Type	Description
available	Object	Device available on following Systems
sid	String	System ID
host	String	Host/IP of Sonos Device
name	String	Name of Sonos Device
lastUpdate	String	Timestamp Last Update
lid	String	Library ID
profile	String	Profile Name
uuid	String	UUID of Sonos Device
model	String	Model Name



Field	Type	Description
capabilities	String[]	Capabilities of the Device
components	Object[]	Component(s) (if already added to the underlying system)
cid	String	Component ID
sid	String	System ID

- Success-Response [#success-examples-Sonos-getSonosDevices-0\_1\_8-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        host: "192.168.1.73",
        name: "Office Sonos",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    lid: "sonos.default",
    profile: "sonos",
    uuid: "uuid-xxxxxxxxxxxxxxxxxxxx",
    model: "Sonos PLAY:3",
    capabilities: [],
    components: [
      {
        cid: "C2",
        sid: "NS123456789"
      }
    ]
  }
]
```

## Sonos - getSonosDevices

Get (autodetected) Sonos Devices/Components

EMIT

```
/config
```

- Success-Response [#success-examples-Sonos-getSonosDevices-0\_1\_6-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        host: "192.168.1.73",
        name: "Office Sonos",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    lid: "sonos.default",
    profile: "sonos",
    uuid: "uuid-xxxxxxxxxxxxxxxxxxxx",
    capabilities: [],
    components: [
      {
        cid: "C2",
        sid: "NS123456789"
      }
    ]
  }
]
```

## Sonos - getSonosDevices

## Get (autodetected) Sonos Devices/Components

EMIT

/config

- Success-Response [#success-examples-Sonos-getSonosDevices-0\_1\_5-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        host: "192.168.1.73",
        name: "Office Sonos",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    profile: "sonos",
    uuid: "uuid-xxxxxxxxxxxxxxxxxxxx",
    capabilities: [],
    components: [
      {
        cid: "C2",
        sid: "NS123456789"
      }
    ]
  }
]
```

## Sonos - getSonosDevices

## Get Sonos Devices/Components

EMIT

/config

- Success-Response [#success-examples-Sonos-getSonosDevices-0\_1\_0-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        host: "192.168.1.73",
        name: "Office Sonos",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    profile: "sonos",
    capabilities: [],
    components: [
      {
        cid: "C2",
        sid: "NS123456789"
      }
    ]
  }
]
```

## Storage

### Storage - storageDel

Delete a userdefined value from system's database

EMIT

/api/v1

**Parameter**

Field	Type	Description
key	String	Key Name

- Example [#parameter-examples-Storage-storageDel-0\_1\_8-0]

```
{
  key: "testKey"
}
```

- Success-Response [#success-examples-Storage-storageDel-0\_1\_8-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occured

- Error-Response [#error-examples-Storage-storageDel-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

**Storage - storageGet**

Get a userdefined value from system's database

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
key	String	Key Name

- Example [#parameter-examples-Storage-storageGet-0\_1\_8-0]

```
{
  key: "testKey"
}
```

- Success-Response [#success-examples-Storage-storageGet-0\_1\_8-0]

```
"testValue"
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occured

- Error-Response [#error-examples-Storage-storageGet-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Storage - storageSet

Store userdefined value(s) in system's database

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
key	String	Key Name
value	String/Object	Value(s)

- Example [#parameter-examples-Storage-storageSet-0\_1\_8-0]
- Example (Multiple Values) [#parameter-examples-Storage-storageSet-0\_1\_8-1]

```
{
  key: "testKey",
  value: "testValue"
}
```

```
{
  key: "testKey",
  value: {value1: "testValue1", value2: "testValue2"}
}
```

- Success-Response [#success-examples-Storage-storageSet-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Storage-storageSet-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Support VPN

### Support\_VPN - disableSupportVPN

Disable Support VPN

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Support\_VPN-disableSupportVPN-0\_1\_8-0]

```
true
```

## Support\_VPN - enableSupportVPN

Enable Support VPN

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Support\_VPN-enableSupportVPN-0\_1\_8-0]

```
true
```

## Support\_VPN - getSupportVPNInfo

Get Support VPN Information/Configuration

EMIT

```
/api/v1
```

### Success

Field	Type	Description
enabled	Boolean	Support VPN enabled or not. Allowed values: <code>true</code> , <code>false</code>
ip	String	The system's VPN IP Address.

- Success-Response [#success-examples-Support\_VPN-getSupportVPNInfo-0\_1\_8-0]

```
{
  enabled: true,
  ip: "10.72.1.100"
}
```

### Error-Codes

Name	Description
116	Timeout occurred

- Error-Response [#error-examples-Support\_VPN-getSupportVPNInfo-0\_1\_8-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## System

### System - getCountries

## Get Countries

EMIT

`/api/v1`

## Success

Field	Type	Description
object	Object[]	Object Array with Countries
code	String	Country Code
name	String	Country Name
lat	Float	Country average Latitude Coordinate
lng	Float	Country average Longitude Coordinate

- Success-Response [#success-examples-System-getCountries-0\_2\_3-0]

```
[
  {code: "AF", name: "Afghanistan", lat: 33, lng: 65},
  {code: "AL", name: "Albania", lat: 41, lng: 20},
  {code: "DZ", name: "Algeria", lat: 28, lng: 3},
  {code: "AS", name: "American Samoa", lat: -14.3333, lng: -170},
  {code: "AD", name: "Andorra", lat: 42.5, lng: 1.6},
  {code: "AO", name: "Angola", lat: -12.5, lng: 18.5},
  {code: "AI", name: "Anguilla", lat: 18.25, lng: -63.1667},
  ...
]
```

## System - getCountries

## Get Countries

EMIT

`/api/v1`

## Success

Field	Type	Description
array	Object[]	Object Array with Country Codes and Names

- Success-Response [#success-examples-System-getCountries-0\_2\_0-0]

```
[
  {code: "AF", name: "Afghanistan"},
  {code: "AL", name: "Albania"},
  {code: "DZ", name: "Algeria"},
  {code: "AS", name: "American Samoa"},
  {code: "AD", name: "Andorra"},
  {code: "AO", name: "Angola"},
  {code: "AI", name: "Anguilla"},
  ...
]
```

## System - getOperatingSystemInfos

## Get Operating System Informations

EMIT

`/api/v1`

**Success**

Field	Type	Description
endianness	String	The endianness of the CPU
cpus	Object[]	An array of objects containing information about each CPU/core installed
platform	String	The operating system platform
arch	String	The operating system CPU architecture
type	String	The operating system name.
release	String	The operating system release.

- Success-Response [#success-examples-System-getOperatingSystemInfos-0\_1\_8-0]

```
{
  endianness: "LE",
  cpus: [
    {
      model: "ARMv7 Processor rev 5 (v7l)",
      speed: 600,
      times: {
        user: 77135000,
        nice: 0,
        sys: 38207700,
        idle: 2143396400,
        irq: 9400
      }
    },
    {
      model: "ARMv7 Processor rev 5 (v7l)",
      speed: 600,
      times: {
        user: 77135000,
        nice: 0,
        sys: 38207700,
        idle: 2143396400,
        irq: 9400
      }
    },
    {
      model: "ARMv7 Processor rev 5 (v7l)",
      speed: 600,
      times: {
        user: 77135000,
        nice: 0,
        sys: 38207700,
        idle: 2143396400,
        irq: 9400
      }
    },
    {
      model: "ARMv7 Processor rev 5 (v7l)",
      speed: 600,
      times: {
        user: 77135000,
        nice: 0,
        sys: 38207700,
        idle: 2143396400,
        irq: 9400
      }
    }
  ],
  platform: "linux",
  arch: "arm",
  type: "Linux",
  release: "3.18.11-v7+"
}
```

## System - getOperatingSystemLoad

Get Operating System Load

EMIT

```
/api/v1
```

### Success

Field	Type	Description
uptime	Integer	The system uptime in seconds.
loadavg	Float[]	An array containing the 1, 5, and 15 minute load averages.
totalmem	Integer	The total amount of system memory in bytes.
freemem	Integer	The amount of free system memory in bytes.

- Success-Response [#success-examples-System-getOperatingSystemLoad-0\_1\_8-0]

```
{
  uptime: 233159,
  loadavg: [
    0.0029296875,
    0.03662109375,
    0.04541015625
  ],
  totalmem: 1022132224,
  freemem: 432447488
}
```

## System - getSyncStatus

Get Synchronization Status Informations

EMIT

```
/api/v1
```

### Success

Field	Type	Description
cloud	Object	List of Systems connected over Cloud
disabled	String[]	Disabled Systems
enabled	String[]	Enabled Systems
offline	String[]	Offline Systems
local	String[]	List of local network synchronized Systems

- Success-Response 1 [#success-examples-System-getSyncStatus-0\_1\_8-0]
- Success-Response 2 [#success-examples-System-getSyncStatus-0\_1\_8-1]
- Success-Response 3 [#success-examples-System-getSyncStatus-0\_1\_8-2]

```
// "no Synchronization at all"
{
  cloud: {
    disabled: [],
    enabled: [],
    offline: [],
  }
}
```



```

    },
    local: null
  }
}

```

```

// "NS123456789 is synchronized locally and therefore disabled in Cloud"
{
  cloud: {
    disabled: ['NS123456789'],
    enabled: [],
    offline: [],
  },
  local: ['NS123456789']
}

```

```

// "a more complex Example"
{
  cloud: {
    disabled: ['NS123456789'],
    enabled: ['NS987654321'],
    offline: ['NS999999999', 'NS888888888'],
  },
  local: ['NS123456789', 'NS777777777']
}

```

## System - getSystemDateTime

Get System Date and Time

EMIT

```
/api/v1
```

### Success

Field	Type	Description
raw	String	The "raw" Date and Time String
formatted	String	A formatted Date and Time representation according to the socket/client language setting.
sunrise	String	Sunrise Time
sunset	String	Sunset Time

- Success-Response [#success-examples-System-getSystemDateTime-0\_2\_2-0]

```

{
  raw: "Thu Aug 20 2015 08:17:24 GMT+0200 (CEST)",
  formatted: "Thursday, August 20, 2015 8:17 AM",
  sunrise: "06:37",
  sunset: "19:50"
}

```

## System - getSystemDateTime

Get System Date and Time

EMIT

```
/api/v1
```

### Success

Field	Type	Description
raw	String	The "raw" Date and Time String

Field	Type	Description
formatted	String	A formatted Date and Time representation according to the socket/client language setting.

- Success-Response [#success-examples-System-getSystemDateTime-0\_1\_8-0]

```
{
  raw: "Thu Aug 20 2015 08:17:24 GMT+0200 (CEST)",
  formatted: "Thursday, August 20, 2015 8:17 AM"
}
```

## System - getSystemName

Get System Name

EMIT

```
/api/v1
```

### Success

Field	Type	Description
name	String	System Name

- Success-Response [#success-examples-System-getSystemName-0\_2\_8-0]

```
{
  name: "My System"
}
```

## System - getSystemUnits

Get System Units

EMIT

```
/api/v1
```

### Success

Field	Type	Description
metric	optional Integer	Metric Unit (0 = Metric, 1 = US) Allowed values: 0, 1
temperature	optional Integer	Temperature Unit (0 = Celsius, 1 = Fahrenheit) Allowed values: 0, 1
windspeed	optional Integer	Windspeed Unit (0 = kph, 1 = mph, 2 = ms) Allowed values: 0, 1, 2
pressure	optional Integer	Pressure Unit (0 = mbar, 1 = inHg, 2 = mmHg) Allowed values: 0, 1, 2

- Success-Response [#success-examples-System-getSystemUnits-0\_2\_11-0]

```
{
  metric: 0,
  temperature: 0,
  windspeed: 2,
}
```

```

  pressure: 1
}

```

### Error-Codes

Name	Description
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-System-getSystemUnits-0\_2\_11-0]

```

{
  errorCode: 112,
  errorText: "Not found"
}

```

## System - getSystemsList

Get/find all other nomos systems in local network

EMIT

```
/api/v1
```

### Success

Field	Type	Description
object	Object[]	System Objects
sid	String	System ID
status	String	Status
ip	String	IP Address
name	String	System Name
lastUpdate	String	Timestamp Last Update

- Success-Response [#success-examples-System-getSystemsList-0\_1\_8-0]

```

[
  {
    sid: "NX123456789",
    status: "detected",
    ip: "192.168.1.30",
    name: "nomos.local.",
    lastUpdate: "Wed Aug 19 2015 09:01:35 GMT+0200 (CEST)"
  }
]

```

## System - getTimeZoneConfig

Get Time Zone Configuration

EMIT

```
/api/v1
```

### Success

Field	Type	Description
current	String	The current system Time Zone.
zones	String[]	All System Time Zones available.

- Success-Response [#success-examples-System-getTimeZoneConfig-0\_1\_8-0]

```
{
  current: "Europe/Zurich",
  zones: ["Africa/Abidjan", "Africa/Accra", ...]
}
```

## System - installSoftwareUpdates

Install Software Updates

EMIT

```
/api/v1
```

- Success-Response [#success-examples-System-installSoftwareUpdates-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occured
115	Connection error

- Error-Response [#error-examples-System-installSoftwareUpdates-0\_1\_8-0]

```
{
  errorCode: 115,
  errorText: "Download or Connection error"
}
```

## System - resetSystem

Reset System to factory default settings

EMIT

```
/api/v1
```

- Success-Response [#success-examples-System-resetSystem-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
105	Unsupported on this system
111	Unknown error occured

- Error-Response [#error-examples-System-resetSystem-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## System - restartService

Restart System Engine/Daemon Service(s)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name <small>optional</small>	String	Name of Service to restart Default value: engine Allowed values: engine, html5, backend

- Example [#parameter-examples-System-restartService-0\_1\_8-0]

```
{
  name: "backend"
}
```

- Success-Response [#success-examples-System-restartService-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-System-restartService-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## System - restartService

Restart System Engine/Daemon Service(s)

EMIT

```
/config
```

### Parameter

Field	Type	Description
name	String	Service to restart Allowed values: "engine", "html5", "backend"

- Example [#parameter-examples-System-restartService-0\_1\_0-0]

```
{
  name: "engine"
}
```

- Success-Response [#success-examples-System-restartService-0\_1\_0-0]

```
true
```

- Error-Response [#error-examples-System-restartService-0\_1\_0-0]

```
false
```

## System - restartSystem

Restart System

EMIT

```
/api/v1
```

- Success-Response [#success-examples-System-restartSystem-0\_2\_6-0]

```
true
```

## System - setSystemName

Set/Update System Name

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	System Name

- Example [#parameter-examples-System-setSystemName-0\_2\_8-0]

```
{
  name: "My System"
}
```

- Success-Response [#success-examples-System-setSystemName-0\_2\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-System-setSystemName-0\_2\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## System - setSystemUnits

Set/Update System Units

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
metric	optional Integer	Metric Unit (0 = Metric, 1 = US) Allowed values: 0, 1
temperature	optional Integer	Temperature Unit (0 = Celsius, 1 = Fahrenheit) Allowed values: 0, 1
windspeed	optional Integer	Windspeed Unit (0 = kph, 1 = mph, 2 = ms) Allowed values: 0, 1, 2
pressure	optional Integer	Pressure Unit (0 = mbar, 1 = inHg, 2 = mmHg) Allowed values: 0, 1, 2

- Example [#parameter-examples-System-setSystemUnits-0\_2\_11-0]

```
{
  metric: 0,
  temperature: 0,
  windspeed: 2,
  pressure: 1
}
```

- Success-Response [#success-examples-System-setSystemUnits-0\_2\_11-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-System-setSystemUnits-0\_2\_11-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## System - setTimeZoneConfig

Set Time Zone Configuration

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
-------	------	-------------

zone	String	A Time Zone Name to set the system to.
------	--------	--

- Example [#parameter-examples-System-setTimeZoneConfig-0\_1\_8-0]

```
{
  zone: "Europe/Vienna"
}
```

- Success-Response [#success-examples-System-setTimeZoneConfig-0\_1\_8-0]

```
true
```

## Error-Codes

Name	Description
105	Unsupported on this system
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-System-setTimeZoneConfig-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## System - softwareUpdateCheck

Check for Software Updates

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
force	optional Boolean	Force check Default value: <code>false</code> Allowed values: <code>true</code> , <code>false</code>

### Success

Field	Type	Description
OEM	String	OEM Name/ID
id	String	Product ID
title	String	Product Title
channel	String	Update Channel
versionInstalled	String	Version currently installed
versionAvailable	String	Version available



Field	Type	Description
updateAvailable	Boolean	Update available Allowed values: <code>true</code> , <code>false</code>
changeLog	String	Changelog Text
changeLogUrl	String	Changelog URL
diskUsage	Object	Disk Space Informations
status	String	Status
total	Integer	Total Disk Space (in Kilobytes)
free	Integer	Free Disk Space (in Kilobytes)
used	String	Used Disk Space in Percent
packages	Object[]	Packages Details by ID
name	String	Package Name
versionInstalled	String	Version currently installed
versionAvailable	String	Version available
updateAvailable	Boolean	Update available Allowed values: <code>true</code> , <code>false</code>

- Success-Response [#success-examples-System-softwareUpdateCheck-0\_2\_10-0]

```
{
  OEM: "nomos",
  id: "com.nomos-system.basic",
  title: "Basic",
  channel: "default",
  versionInstalled: "0.8.16",
  versionAvailable: "0.8.16",
  updateAvailable: false,
  changeLog: "
Changelog

  • Added...
",
  changeLogUrl: "http://nomos-system.com/page/changelogs/",
  diskUsage: {
    free: 5917192192,
    status: "ok",
    total: 7726465024,
    used: "20%"
  },
  packages: {
    HTML5: {
      name: "HTML5 Engine",
      versionInstalled: "None",
      versionAvailable: "3.0.50",
      updateAvailable: true
    },
    Tools: {
      name: "Tools",
      versionInstalled: "None",
      versionAvailable: "1.0",
      updateAvailable: true
    }
  },
}
```

```

    Engine: {
      name: "Engine",
      versionInstalled: "None",
      versionAvailable: "1.1.75a",
      updateAvailable: true
    },
    Library: {
      name: "Device Library",
      versionInstalled: "None",
      versionAvailable: "1.0",
      updateAvailable: true
    },
    ZDDX: {
      name: "ZDDX",
      versionInstalled: "None",
      versionAvailable: "2015-08-12 14:20:43",
      updateAvailable: true
    }
  }
}

```

## Error-Codes

Name	Description
111	Unknown error occurred
115	Connection error

- Error-Response [#error-examples-System-softwareUpdateCheck-0\_2\_10-0]

```

{
  errorCode: 115,
  errorText: "Connection error"
}

```

## System - softwareUpdateCheck

Check for Software Updates

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
force	optional Boolean	Force check Default value: false Allowed values: true, false

### Success

Field	Type	Description
OEM	String	OEM Name/ID
id	String	Product ID
title	String	Product Title
channel	String	Update Channel
versionInstalled	String	Version currently installed

Field	Type	Description
versionAvailable	String	Version available
updateAvailable	Boolean	Update available Allowed values: true, false
changeLog	String	Changelog URL
diskUsage	Object	Disk Space Informations
status	String	Status
total	Integer	Total Disk Space (in Kilobytes)
free	Integer	Free Disk Space (in Kilobytes)
used	String	Used Disk Space in Percent
packages	Object[]	Packages Details by ID
name	String	Package Name
versionInstalled	String	Version currently installed
versionAvailable	String	Version available
updateAvailable	Boolean	Update available Allowed values: true, false

- Success-Response [#success-examples-System-softwareUpdateCheck-0\_2\_5-0]

```
{
  OEM: "nomos",
  id: "com.nomos-system.basic",
  title: "Basic",
  channel: "default",
  versionInstalled: "0.8.16",
  versionAvailable: "0.8.16",
  updateAvailable: false,
  changeLog: "http://nomos-system.com/page/changelogs/",
  diskUsage: {
    free: 5917192192,
    status: "ok",
    total: 7726465024,
    used: "20%"
  },
  packages: {
    HTML5: {
      name: "HTML5 Engine",
      versionInstalled: "None",
      versionAvailable: "3.0.50",
      updateAvailable: true
    },
    Tools: {
      name: "Tools",
      versionInstalled: "None",
      versionAvailable: "1.0",
      updateAvailable: true
    },
    Engine: {
      name: "Engine",
      versionInstalled: "None",
      versionAvailable: "1.1.75a",
      updateAvailable: true
    }
  },
}
```

```

Library: {
  name: "Device Library",
  versionInstalled: "None",
  versionAvailable: "1.0",
  updateAvailable: true
},
ZDDX: {
  name: "ZDDX",
  versionInstalled: "None",
  versionAvailable: "2015-08-12 14:20:43",
  updateAvailable: true
}
}
}

```

## Error-Codes

Name	Description
111	Unknown error occurred
115	Connection error

- Error-Response [#error-examples-System-softwareUpdateCheck-0\_2\_5-0]

```

{
  errorCode: 115,
  errorText: "Connection error"
}

```

## System - softwareUpdateCheck

Check for Software Updates

EMIT

```
/api/v1
```

### Success

Field	Type	Description
OEM	String	OEM Name/ID
id	String	Product ID
title	String	Product Title
channel	String	Update Channel
versionInstalled	String	Version currently installed
versionAvailable	String	Version available
updateAvailable	Boolean	Update available Allowed values: true, false
changeLog	String	Changelog URL
diskUsage	Object	Disk Space Informations
status	String	Status

Field	Type	Description
total	Integer	Total Disk Space (in Kilobytes)
free	Integer	Free Disk Space (in Kilobytes)
used	String	Used Disk Space in Percent
packages	Object[]	Packages Details by ID
name	String	Package Name
versionInstalled	String	Version currently installed
versionAvailable	String	Version available
updateAvailable	Boolean	Update available  Allowed values: <code>true</code> , <code>false</code>

- Success-Response [#success-examples-System-softwareUpdateCheck-0\_2\_3-0]

```
{
  OEM: "nomos",
  id: "com.nomos-system.basic",
  title: "Basic",
  channel: "default",
  versionInstalled: "0.8.16",
  versionAvailable: "0.8.16",
  updateAvailable: false,
  changelog: "http://nomos-system.com/page/changelogs/",
  diskUsage: {
    free: 5917192192,
    status: "ok",
    total: 7726465024,
    used: "20%"
  },
  packages: {
    HTML5: {
      name: "HTML5 Engine",
      versionInstalled: "None",
      versionAvailable: "3.0.50",
      updateAvailable: true
    },
    Tools: {
      name: "Tools",
      versionInstalled: "None",
      versionAvailable: "1.0",
      updateAvailable: true
    },
    Engine: {
      name: "Engine",
      versionInstalled: "None",
      versionAvailable: "1.1.75a",
      updateAvailable: true
    },
    Library: {
      name: "Device Library",
      versionInstalled: "None",
      versionAvailable: "1.0",
      updateAvailable: true
    },
    ZDDX: {
      name: "ZDDX",
      versionInstalled: "None",
      versionAvailable: "2015-08-12 14:20:43",
      updateAvailable: true
    }
  }
}
```

## Error-Codes

Name	Description
111	Unknown error occurred
115	Connection error

- Error-Response [#error-examples-System-softwareUpdateCheck-0\_2\_3-0]

```
{
  errorCode: 115,
  errorText: "Connection error"
}
```

## System - softwareUpdateCheck

Check for Software Updates

EMIT

```
/api/v1
```

### Success

Field	Type	Description
OEM	String	OEM Name/ID
id	String	Product ID
title	String	Product Title
channel	String	Update Channel
versionInstalled	String	Version currently installed
versionAvailable	String	Version available
updateAvailable	Boolean	Update available Allowed values: true, false
changeLog	String	Changelog URL
packages	Object[]	Packages Details by ID
name	String	Package Name
versionInstalled	String	Version currently installed
versionAvailable	String	Version available
updateAvailable	Boolean	Update available Allowed values: true, false

- Success-Response [#success-examples-System-softwareUpdateCheck-0\_1\_8-0]

```
{
  OEM: "nomos",
}
```

```

id: "com.nomos-system.basic",
title: "Basic",
channel: "default",
versionInstalled: "0.8.16",
versionAvailable: "0.8.16",
updateAvailable: false,
changelog: "http://nomos-system.com/page/changelogs/",
packages: {
  HTML5: {
    name: "HTML5 Engine",
    versionInstalled: "None",
    versionAvailable: "3.0.50",
    updateAvailable: true
  },
  Tools: {
    name: "Tools",
    versionInstalled: "None",
    versionAvailable: "1.0",
    updateAvailable: true
  },
  Engine: {
    name: "Engine",
    versionInstalled: "None",
    versionAvailable: "1.1.75a",
    updateAvailable: true
  },
  Library: {
    name: "Device Library",
    versionInstalled: "None",
    versionAvailable: "1.0",
    updateAvailable: true
  },
  ZDDX: {
    name: "ZDDX",
    versionInstalled: "None",
    versionAvailable: "2015-08-12 14:20:43",
    updateAvailable: true
  }
}
}

```

## Error-Codes

Name	Description
111	Unknown error occurred
115	Connection error

- Error-Response [[#error-examples-System-softwareUpdateCheck-0\\_1\\_8-0](#)]

```

{
  errorCode: 115,
  errorText: "Connection error"
}

```

## System - softwareUpdateCheck

Check for Software Updates

EMIT

```
/config
```

- Success-Response [[#success-examples-System-softwareUpdateCheck-0\\_1\\_0-0](#)]

```

{
  OEM: "nomos",
  id: "com.nomos-system.basic",
  title: "Basic",
  channel: "default",
  versionInstalled: "0.8.16",
  versionAvailable: "0.8.16",
  updateAvailable: false,
  packages: {
    HTML5: {

```

```

    name: "HTML5 Engine",
    versionInstalled: "None",
    versionAvailable: "3.0.50",
    updateAvailable: true
  },
  Tools: {
    name: "Tools",
    versionInstalled: "None",
    versionAvailable: "1.0",
    updateAvailable: true
  },
  Engine: {
    name: "Engine",
    versionInstalled: "None",
    versionAvailable: "1.1.75a",
    updateAvailable: true
  },
  Library: {
    name: "Device Library",
    versionInstalled: "None",
    versionAvailable: "1.0",
    updateAvailable: true
  },
  ZDDX: {
    name: "ZDDX",
    versionInstalled: "None",
    versionAvailable: "2015-08-12 14:20:43",
    updateAvailable: true
  }
},
changeLog: "http://nomos-system.com/page/changeLogs/"
}

```

## Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-System-softwareUpdateCheck-0\_1\_0-0]

```

{
  errorCode: 111,
  errorText: "Unknown error occurred"
}

```

## System - softwareUpdateProgress

Update Event when Progress of System Update is changing

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
part	String	Part of Update
text	String	Note/Text
percent	Integer	Percent finished

- Example [#success-examples-System-softwareUpdateProgress-0\_1\_8-0]

```

{
  part: "download",
  text: "Downloading Package...",
  percent: 75
}

```



## System - stateChange

Event on System/Engine Status Updates. Filter the updates by System ID before showing it to the UI.

Parts:

- `app` Application dedicated
- `cloud` Cloud
- `engine` Backend/Daemon Engine
- `system` The whole System

States:

- `Authorization needed for API`: Password protection is turned on (see Authorization Example [#AuthExample])
- `User Authorization needed`: User authentication is turned on (see Authorization Example [#AuthExample])
- `connected`: Part is connected
- `disconnected`: Part is disconnected
- `shutdown`: Part is stopped
- `ready`: Part is started and ready
- `reboot`: System is rebooting

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
<code>part</code>	String	Part Name
<code>state</code>	String	State
<code>sid</code>	String	System ID

- System Reboot Example [#success-examples-System-stateChange-0\_2\_13-0]
- System Hardware Switch Example [#success-examples-System-stateChange-0\_2\_13-1]
- Engine Ready Example [#success-examples-System-stateChange-0\_2\_13-2]
- Cloud Connected Example [#success-examples-System-stateChange-0\_2\_13-3]
- Password Auth needed Example [#success-examples-System-stateChange-0\_2\_13-4]
- User Auth needed Example [#success-examples-System-stateChange-0\_2\_13-5]

```
{
  part: "system",
  state: "reboot",
  sid: "NS123456789"
}
```

```
{
  part: "system/upper switch",
  state: "1",
  sid: "NS123456789"
}
```

```
{
  part: "engine",
  state: "ready",
  sid: "NS123456789"
}
```

```
{
  part: "cloud",
  state: "connected",
  sid: "NS123456789"
}
```

```
{
  part: "app",
  state: "Authorization needed for API",
}
```

```

  sid: "NS123456789"
}

```

```

{
  part: "app",
  state: "User Authorization needed",
  sid: "NS123456789"
}

```

## Timers

### Timers - addTimer

Add a Timer

EMIT

```
/api/v1
```

#### Parameter

Field	Type	Description
name	String	Timer Name
enabled	optional Boolean	Timer enabled/disabled Default value: true Allowed values: true, false
timer	Object	Time Settings
date	optional String	Date day of (every) month: DD., specific day/month: DD.MM., specific day/month/year: DD.MM.YYYY Default value: DD., DD.MM., DD.MM.YYYY
time	optional String	Time/Clock or SUNRISE / SUNSET Default value: HH, HH:MM, HH:MM:SS, SUNRISE, SUNSET
weekdays	optional String[]	Weekdays Allowed values: MON, TUE, WED, THU, FRI, SAT, SUN, MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, SATURDAY, SUNDAY
actions	optional Object[]	Actions
cid	String	Component ID
property	String	Property Name
value	optional String/String[]	Value (or more if multiple commands)
templateid	optional String	Template ID

- Example 1 [#parameter-examples-Timers-addTimer-0\_2\_2-0]

- Example 2 (+/- 30min. Variance) [#parameter-examples-Timers-addTimer-0\_2\_2-1]
- Example 3 (Sunrise + 30min.) [#parameter-examples-Timers-addTimer-0\_2\_2-2]
- Example 4 (with Date) [#parameter-examples-Timers-addTimer-0\_2\_2-3]

```
{
  name: "New Timer",
  enabled: true,
  timer: {
    time: "11:30",
    weekdays: ["MONDAY", "WEDNESDAY"]
  },
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "level",
      value: "50"
    }
  ]
}
```

```
{
  name: "New Timer",
  enabled: true,
  timer: {
    time: "20:30~00:30:00"
  },
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "level",
      value: "50"
    }
  ]
}
```

```
{
  name: "New Timer",
  enabled: true,
  timer: {
    time: "SUNRISE+00:30:00",
    weekdays: ["SUNDAY"]
  },
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "level",
      value: "50"
    }
  ]
}
```

```
{
  name: "New Timer",
  enabled: true,
  timer: {
    date: "24.12.",
    time: "SUNSET"
  },
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "level",
      value: "50"
    }
  ]
}
```

```
]
}
```

**Success**

Field	Type	Description
id	String	Timer ID

- Success-Response [#success-examples-Timers-addTimer-0\_2\_2-0]

```
{
  id: "T3"
}
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Timers-addTimer-0\_2\_2-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

**Timers - addTimer**

Add a Timer

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
name	String	Timer Name
enabled	optional Boolean	Timer enabled/disabled Default value: true Allowed values: true, false
time	String	Time firing (see CALENDAR Timer [ <a href="http://docs.nomos-system.com/en/html/chp_sonstiges/Timer%20Support.html">http://docs.nomos-system.com/en/html/chp_sonstiges/Timer%20Support.html</a> ] for more Informations)
actions	optional Object[]	Actions
cid	String	Component ID
property	String	Property Name
value	optional String/String[]	Value (or more if multiple commands)
templateid	optional String	Template ID

- Example [#parameter-examples-Timers-addTimer-0\_2\_0-0]

```
{
  name: "New Timer",
  enabled: true,
  time: "SUNDAY,11:15",
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "level",
      value: "50"
    }
  ]
}
```

### Success

Field	Type	Description
id	Integer	Timer ID

- Success-Response [#success-examples-Timers-addTimer-0\_2\_0-0]

```
{
  id: 3
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

- Error-Response [#error-examples-Timers-addTimer-0\_2\_0-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Timers - disableTimer

Disable a Timer

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	String	Timer ID

- Example [#parameter-examples-Timers-disableTimer-0\_2\_2-0]

```
{
  id: "T2"
}
```

- Success-Response [#success-examples-Timers-disableTimer-0\_2\_2-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Timers-disableTimer-0\_2\_2-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

**Timers - disableTimer**

Disable a Timer

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
id	Integer	Timer ID

- Example [#parameter-examples-Timers-disableTimer-0\_2\_0-0]

```
{
  id: 2
}
```

- Success-Response [#success-examples-Timers-disableTimer-0\_2\_0-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Timers-disableTimer-0\_2\_0-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

**Timers - enableTimer**

Enable a Timer

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	String	Timer ID

- Example [#parameter-examples-Timers-enableTimer-0\_2\_2-0]

```
{
  id: "T2"
}
```

- Success-Response [#success-examples-Timers-enableTimer-0\_2\_2-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Timers-enableTimer-0\_2\_2-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Timers - enableTimer

Enable a Timer

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Timer ID

- Example [#parameter-examples-Timers-enableTimer-0\_2\_0-0]

```
{
  id: 2
}
```

- Success-Response [#success-examples-Timers-enableTimer-0\_2\_0-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error

Name	Description
111	Unknown error ocured
112	Not found

- Error-Response [#error-examples-Timers-enableTimer-0\_2\_0-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Timers - getTimers

Get All Timers

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-Timers-getTimers-0\_2\_2-0]

```
{
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
object	Object[]	Timer Objects
name	String	Timer Name
id	String	Timer ID
timer	Object	Time Settings
date	optional String	Date day of (every) month: DD., specific day/month: DD.MM., specific day/month/year: DD.MM.YYYY  Allowed values: DD., DD.MM., DD.MM.YYYY
time	optional String	Time/Clock or SUNRISE / SUNSET  Allowed values: HH, HH:MM, HH:MM:SS, SUNRISE, SUNSET
weekdays	optional String[]	Weekdays  Allowed values: MON, TUE, WED, THU, FRI, SAT, SUN, MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, SATURDAY, SUNDAY



Field	Type	Description
enabled	Boolean	Enabled Allowed values: true, false
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update
actions	Object[]	Actions
cid	String	Component ID
property	String	Property Name
value	optional String/String[]	Value (or more if multiple commands)
templateid	optional String	Template ID

- Success-Response [#success-examples-Timers-getTimers-0\_2\_2-0]

```
[{
  name: "Outdoor lighting on",
  id: "T1",
  timer: {
    time: "SUNSET+00:15:00"
  },
  enabled: true,
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    }
  ]
},
{
  name: "Outdoor lighting off",
  id: "T2",
  timer: {
    time: "SUNRISE"
  },
  enabled: true,
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  actions: [
    {
      cid: "C0002",
      property: "switchoff"
    }
  ]
}
}]
```

## Timers - getTimers

Get All Timers

EMIT

/api/v1

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- [Sorting Example \[#parameter-examples-Timers-getTimers-0\\_2\\_0-0\]](#)

```
{
  sortBy: ['name', 'created']
}
```

## Success

Field	Type	Description
object	Object[]	Timer Objects
name	String	Timer Name
id	Integer	Timer ID
time	String	Time firing (see CALENDAR Timer [ <a href="http://docs.nomos-system.com/en/html/chp_sonstiges/Timer%20Support.html">http://docs.nomos-system.com/en/html/chp_sonstiges/Timer%20Support.html</a> ] for more Informations)
enabled	Boolean	Enabled Allowed values: true, false
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update
actions	Object[]	Actions

- [Success-Response \[#success-examples-Timers-getTimers-0\\_2\\_0-0\]](#)

```
[{
  name: "Outdoor lighting on",
  id: 1,
  time: "18:30",
  enabled: true,
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    }
  ]
},
{
  name: "Outdoor lighting off",
  id: 2,
  time: "07:00",
  enabled: true,
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  actions: [
    {
      cid: "C0002",
      property: "switchoff"
    }
  ]
}]
```

## Timers - removeTimer

Remove a Timer

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
id	String	Timer ID

- Example [#parameter-examples-Timers-removeTimer-0\_2\_2-0]

```
{
  id: "T2"
}
```

- Success-Response [#success-examples-Timers-removeTimer-0\_2\_2-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Timers-removeTimer-0\_2\_2-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

**Timers - removeTimer**

Remove a Timer

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
id	Integer	Timer ID

- Example [#parameter-examples-Timers-removeTimer-0\_2\_0-0]

```
{
  id: 2
}
```

- Success-Response [#success-examples-Timers-removeTimer-0\_2\_0-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred

Name	Description
112	Not found

- Error-Response [#error-examples-Timers-removeTimer-0\_2\_0-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Timers - setTimer

Set/Update a Timer

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	String	Timer ID
name	String	Timer Name
enabled	optional Boolean	Timer enabled/disabled Default value: true Allowed values: true, false
timer	Object	Time Settings
date	optional String	Date day of (every) month: DD., specific day/month: DD.MM., specific day/month/year: DD.MM.YYYY Default value: DD., DD.MM., DD.MM.YYYY
time	optional String	Time/Clock or SUNRISE / SUNSET Default value: HH, HH:MM, HH:MM:SS, SUNRISE, SUNSET
weekdays	optional String[]	Weekdays Allowed values: MON, TUE, WED, THU, FRI, SAT, SUN, MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, SATURDAY, SUNDAY
actions	optional Object[]	Actions
cid	String	Component ID
property	String	Property Name
value	optional String/String[]	Value (or more if multiple commands)
templateid	optional String	Template ID

- Example [#parameter-examples-Timers-setTimer-0\_2\_2-0]

```
{
  id: "T3",
  name: "Christmas Eve",
  enabled: true,
  timer: {
    date: "24.12.",
    time: "18:00"
  },
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "level",
      value: "50"
    }
  ]
}
```

- Success-Response [#success-examples-Timers-setTimer-0\_2\_2-0]

```
true
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error ocured
112	Not found

- Error-Response [#error-examples-Timers-setTimer-0\_2\_2-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Timers - setTimer

Set/Update a Timer

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Timer ID
name	String	Timer Name
enabled	optional Boolean	Timer enabled/disabled Default value: true Allowed values: true, false
time	String	Time firing (see CALENDAR Timer [ <a href="http://docs.nomos-system.com/en/html/chp_sonstiges/Timer%20Support.html">http://docs.nomos-system.com/en/html/chp_sonstiges/Timer%20Support.html</a> ] for more Informations)

Field	Type	Description
actions	optional Object[]	Actions
cid	String	Component ID
property	String	Property Name
value	optional String/String[]	Value (or more if multiple commands)
templateid	optional String	Template ID

- Example [#parameter-examples-Timers-setTimer-0\_2\_0-0]

```
{
  id: 3,
  name: "Christmas Eve",
  enabled: true,
  time: "24.12.,18:00",
  actions: [
    {
      cid: "C0002",
      property: "switchon"
    },
    {
      cid: "C0003",
      property: "level",
      value: "50"
    }
  ]
}
```

- Success-Response [#success-examples-Timers-setTimer-0\_2\_0-0]

```
true
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Timers-setTimer-0\_2\_0-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Timers - setTimerName

Set a new Timer Name

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
-------	------	-------------

id	String	Timer ID
name	String	Name

- Example [#parameter-examples-Timers-setTimerName-0\_2\_2-0]

```
{
  id: "T3",
  name: "Test-Timer"
}
```

- Success-Response [#success-examples-Timers-setTimerName-0\_2\_2-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occured
112	Not found

- Error-Response [#error-examples-Timers-setTimerName-0\_2\_2-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Timers - setTimerName

Set a new Timer Name

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	Timer ID
name	String	Name

- Example [#parameter-examples-Timers-setTimerName-0\_2\_0-0]

```
{
  id: 3,
  name: "Test-Timer"
}
```

- Success-Response [#success-examples-Timers-setTimerName-0\_2\_0-0]

```
true
```

### Error-Codes

Name	Description
------	-------------

106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Timers-setTimerName-0\_2\_0-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Users

### Users - addUser

Add a User

EMIT

```
/api/v1
```

#### Parameter

Field	Type	Description
name	String	The Name of the User
username	String	Login Username
password	optional String	Login Password
email	optional String	E-Mail Address
enabled	optional Boolean	User enabled/disabled Allowed values: true, false
usergroup	String	Usergroup to assign

- Example [#parameter-examples-Users-addUser-0\_2\_10-0]

```
{
  name: "Test User",
  username: "Test",
  password: "password1234",
  enabled: true,
  usergroup: "user"
}
```

#### Success

Field	Type	Description
uid	Integer	User ID

- Success-Response [#success-examples-Users-addUser-0\_2\_10-0]



```
{
  uid: 11
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
117	Not allowed
118	Exists already
119	Format error

- Error-Response [#error-examples-Users-addUser-0\_2\_10-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Users - addUser

Add a User

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
name	String	The Name of the User
username	String	Login Username
password	optional String	Login Password
email	optional String	E-Mail Address
enabled	optional Boolean	User enabled/disabled Allowed values: true, false
usergroup	String	Usergroup to assign

- Example [#parameter-examples-Users-addUser-0\_1\_8-0]

```
{
  name: "Test User",
  username: "Test",
  password: "password1234",
  enabled: true,
  usergroup: "user"
}
```

**Success**

Field	Type	Description
uid	Integer	User ID

- Success-Response [#success-examples-Users-addUser-0\_1\_8-0]

```
{
  uid: 11
}
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
118	Exists already
119	Format error

- Error-Response [#error-examples-Users-addUser-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

**Users - disableUserAuth**

Disable User Authentication

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Users-disableUserAuth-0\_1\_8-0]

```
true
```

**Error-Codes**

Name	Description
110	Authorization failed
111	Unknown error occurred

- Error-Response [#error-examples-Users-disableUserAuth-0\_1\_8-0]

```
{
  errorCode: 110,
  errorText: "Not authorized"
}
```

**Users - enableUserAuth**

## Enable User Authentication

## EMIT

```
/api/v1
```

- Success-Response [#success-examples-Users-enableUserAuth-0\_1\_8-0]

```
true
```

## Error-Codes

Name	Description
110	Authorization failed
111	Unknown error occured

- Error-Response [#error-examples-Users-enableUserAuth-0\_1\_8-0]

```
{
  errorCode: 110,
  errorText: "Not authorized"
}
```

## Users - getCurrentUser

## Get Current User Data/Informations

## EMIT

```
/api/v1
```

## Success

Field	Type	Description
uid	Integer	User ID
name	String	The Name of the User
username	String	Login Username
enabled	Boolean	User enabled/disabled Allowed values: true, false
email	String	E-Mail Address
usergroup	String	Usergroup
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update

- Success-Response [#success-examples-Users-getCurrentUser-0\_1\_8-0]

```
{
  uid: 11,
  name: "Test User",
  username: "Test",
  enabled: true,
  email: "",
  usergroup: "user",
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
}
```

```

    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
  }

```

## Error-Codes

Name	Description
110	Authorization failed

- Error-Response [#error-examples-Users-getCurrentUser-0\_1\_8-0]

```

{
  errorCode: 110,
  errorText: "Not authorized"
}

```

## Users - getUser

Get User Data/Informations

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
uid	Integer	User-ID

- Example [#parameter-examples-Users-getUser-0\_1\_8-0]

```

{
  uid: 11
}

```

### Success

Field	Type	Description
name	String	The Name of the User
username	String	Login Username
enabled	Boolean	User enabled/disabled Allowed values: <code>true</code> , <code>false</code>
email	String	E-Mail Address
usergroup	String	Usergroup
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update

- Success-Response [#success-examples-Users-getUser-0\_1\_8-0]

```

{
  name: "Test User",
  username: "Test",
  enabled: true,
  email: "",
  usergroup: "user",
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
}

```

```
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Users-getUser-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Users - getUser

Get User Data/Informations

EMIT

```
/config
```

### Parameter

Field	Type	Description
uid	Integer	User-ID

- Example [#parameter-examples-Users-getUser-0\_1\_5-0]

```
{
  uid: 11
}
```

- Success-Response [#success-examples-Users-getUser-0\_1\_5-0]

```
{
  name: "Test User",
  username: "Test",
  enabled: true,
  email: "",
  usergroup: "user"
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Users-getUser-0\_1\_5-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Users - getUserAuth

Get User Authentication Enabled State

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Users-getUserAuth-0\_1\_8-0]

```
true|false
```

### Error-Codes

Name	Description
111	Unknown error occured

- Error-Response [#error-examples-Users-getUserAuth-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Users - getUserGroups

Get all User Groups

EMIT

```
/api/v1
```

### Success

Field	Type	Description
object	Object	Object with Usergroups Key/Value Pairs

- Success-Response [#success-examples-Users-getUserGroups-0\_1\_8-0]

```
{
  "admin": "Administrator",
  "user": "User"
}
```

### Error-Codes

Name	Description
111	Unknown error occured

## Users - getUsers

Get all Users

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
-------	------	-------------

sortBy	optional	String[]	Sorting Options (see Sorting [#SORTING] for more Informations)
--------	----------	----------	--

- [Sorting Example \[#parameter-examples-Users-getUsers-0\\_1\\_8-0\]](#)

```
{
  sortBy: ['name', 'created']
}
```

## Success

Field	Type	Description
object	Object[]	User Objects
uid	Integer	User ID
name	String	The Name of the User
username	String	Login Username
enabled	Boolean	User enabled/disabled Allowed values: true, false
email	String	E-Mail Address
usergroup	String	Usergroup
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update

- [Success-Response \[#success-examples-Users-getUsers-0\\_1\\_8-0\]](#)

```
[{
  uid: 10,
  name: "Test User",
  username: "Test",
  enabled: true,
  email: "",
  usergroup: "user",
  created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
  lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
},
...
]
```

## Error-Codes

Name	Description
111	Unknown error occured

- [Error-Response \[#error-examples-Users-getUsers-0\\_1\\_8-0\]](#)

```
{
  errorCode: 111,
  errorText: "Unknown error occured"
}
```

## Users - getUsers

EMIT Users

```
/config
```

- Success-Response [#success-examples-Users-getUsers-0\_1\_6-0]

```
[{
  uid: 10,
  name: "Test User",
  username: "Test",
  enabled: true,
  email: "",
  usergroup: "user"
},
...
]
```

#### Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-Users-getUsers-0\_1\_6-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Users - getUsers

Get all Users

EMIT

```
/config
```

- Success-Response [#success-examples-Users-getUsers-0\_1\_5-0]

```
[{
  name: "Test User",
  username: "Test",
  enabled: true,
  email: "",
  usergroup: "user"
},
...
]
```

#### Error-Codes

Name	Description
111	Unknown error occurred

- Error-Response [#error-examples-Users-getUsers-0\_1\_5-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Users - removeUser

Remove a User

EMIT

```
/api/v1
```



**Parameter**

Field	Type	Description
uid	Integer	User-ID

- Example [#parameter-examples-Users-removeUser-0\_1\_8-0]

```
{
  uid: 11
}
```

- Success-Response [#success-examples-Users-removeUser-0\_1\_8-0]

```
true
```

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occured
112	Not found
117	Not allowed

- Error-Response [#error-examples-Users-removeUser-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

**Users - setUser**

Set User Data/Informations

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
uid	Integer	User-ID
name	optional String	The Name of the User
username	optional String	Login Username
oldPassword	optional String	Old Password to remove
newPassword	optional String	New Password to set
email	optional String	E-Mail Address
enabled	optional Boolean	User enabled/disabled Allowed values: true, false

Field	Type	Description
usergroup	optional String	Usergroup to assign

- Enabling Example [#parameter-examples-Users-setUser-0\_1\_8-0]
- Password Example [#parameter-examples-Users-setUser-0\_1\_8-1]

```
{
  uid: 11,
  enabled: false
}
```

```
{
  uid: 11,
  oldPassword: "password1234",
  newPassword: "password5678"
}
```

- Success-Response [#success-examples-Users-setUser-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
108	Password does not match
111	Unknown error occurred
112	Not found
117	Not allowed
118	Exists already
119	Format error

- Error-Response [#error-examples-Users-setUser-0\_1\_8-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## Users - setUser

Set User Data/Informations

EMIT

```
/config
```

### Parameter

Field	Type	Description
uid	Integer	User-ID
name	optional String	The Name of the User

Field	Type	Description
username	optional	String Login Username
oldPassword	optional	String Old Password to remove
newPassword	optional	String New Password to set
email	optional	String E-Mail Address
enabled	optional	Boolean <code>true</code>   <code>false</code> User enabled/disabled
usergroup	optional	String Usergroup to assign

- Enabling Example [#parameter-examples-Users-setUser-0\_1\_5-0]
- Password Example [#parameter-examples-Users-setUser-0\_1\_5-1]

```
{
  uid: 11,
  enabled: false
}
```

```
{
  uid: 11,
  oldPassword: "password1234",
  newPassword: "password5678"
}
```

- Success-Response [#success-examples-Users-setUser-0\_1\_5-0]

```
true
```

## Error-Codes

Name	Description
106	Parameter(s) error
108	Password does not match
111	Unknown error occurred
112	Not found
118	Exists already
119	Format error

- Error-Response [#error-examples-Users-setUser-0\_1\_5-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## WebHooks

## WebHooks - addWebHook

Add a webhook. Your callback url will be called as `HTTP GET` with query parameters.

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
type	String	Type Allowed values: component, join
url	String	Your webhook callback url
enabled	optional Boolean	Enabled/disabled Default value: true Allowed values: true, false
cid	optional String	Component ID
property	optional String	Property Name
join	optional String	mremote Join

- Component Update Example [#parameter-examples-WebHooks-addWebHook-0\_2\_4-0]
- mremote Update Example [#parameter-examples-WebHooks-addWebHook-0\_2\_4-1]

```
{
  type: "component",
  cid: "C001",
  property: "artist",
  url: "https://yourwebhook.com/test"
}
```

```
{
  type: "join",
  join: "d1",
  url: "https://yourwebhook.com/test"
}
```

- Component Update Request [#success-examples-WebHooks-addWebHook-0\_2\_4-0]
- mremote Update Request [#success-examples-WebHooks-addWebHook-0\_2\_4-1]
- Success-Response [#success-examples-WebHooks-addWebHook-0\_2\_4-2]

```
https://yourwebhook.com/test?id=3&cid=C001&property=artist&content=The%20Who
```

```
https://yourwebhook.com/test?id=4&join=d1&content=1
```

```
{
  id: 3
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

Name	Description
112	Not found

- Error-Response [#error-examples-WebHooks-addWebHook-0\_2\_4-0]

```
{
  errorCode: 106,
  errorText: "Parameter(s) error"
}
```

## WebHooks - disableWebHook

Disable a webhook

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	webhook ID

- Example [#parameter-examples-WebHooks-disableWebHook-0\_2\_4-0]

```
{
  id: 2
}
```

- Success-Response [#success-examples-WebHooks-disableWebHook-0\_2\_4-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-WebHooks-disableWebHook-0\_2\_4-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## WebHooks - enableWebHook

Enable a webhook

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
-------	------	-------------

id	Integer	webhook ID
----	---------	------------

- Example [#parameter-examples-WebHooks-enableWebHook-0\_2\_4-0]

```
{
  id: 2
}
```

- Success-Response [#success-examples-WebHooks-enableWebHook-0\_2\_4-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error ocured
112	Not found

- Error-Response [#error-examples-WebHooks-enableWebHook-0\_2\_4-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## WebHooks - getWebHooks

Get webhooks

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sortBy	optional String[]	Sorting Options (see Sorting [#SORTING] for more Informations)

- Sorting Example [#parameter-examples-WebHooks-getWebHooks-0\_2\_4-0]

```
{
  sortBy: ['name', 'created']
}
```

### Success

Field	Type	Description
object	Object[]	webhook Objects
id	Integer	webhook ID
type	String	Type Allowed values: component, join

Field	Type	Description
enabled	Boolean	Enabled Allowed values: true, false
url	String	Callback Url
cid	optional String	Component ID
property	optional String	Property Name
join	optional String	mremote Join
created	String	Timestamp Created
lastUpdate	String	Timestamp Last Update

- Success-Response [#success-examples-WebHooks-getWebHooks-0\_2\_4-0]

```
[
  {
    id: 1,
    type: "component",
    cid: "C001",
    property: "state",
    url: "https://yourwebhook.com/test",
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
  },
  {
    id: 2,
    type: "join",
    join: "d1",
    url: "https://yourwebhook.com/test",
    created: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)",
    lastUpdate: "Wed Jan 27 2016 07:54:34 GMT+0100 (CET)"
  }
]
```

## WebHooks - removeWebHook

Remove a webhook

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
id	Integer	webhook ID

- Example [#parameter-examples-WebHooks-removeWebHook-0\_2\_4-0]

```
{
  id: 3
}
```

- Success-Response [#success-examples-WebHooks-removeWebHook-0\_2\_4-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-WebHooks-removeWebHook-0\_2\_4-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Zwave

### Zwave - addZwaveAssociation

Add one or multiple Node ID's to a specific Zwave Device Association Group of a Component

EMIT

```
/api/v1
```

#### Parameter

Field	Type	Description
cid	String	Component ID
associations	Object[]	Associations
number	Integer	Association Number
id	Integer	Node ID

- Example [#parameter-examples-Zwave-addZwaveAssociation-0\_1\_8-0]

```
{
  cid: "C8",
  associations: [
    {number: 1, id: 3},
    {number: 1, id: 4}
  ]
}
```

- Success-Response [#success-examples-Zwave-addZwaveAssociation-0\_1\_8-0]

```
true
```

#### Error-Codes

Name	Description
112	Not found

- Error-Response [#error-examples-Zwave-addZwaveAssociation-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```



## Zwave - addZwaveDevice

Add a Zwave Device/Component

EMIT

/api/v1

### Parameter

Field	Type	Description
sid	optional String	System ID
name	String	Name of the Device
id	Integer	Node ID of the Device
file	String	Node xml File of the Device
lid	String	Library ID of the Device
profile	String	Profile of the Device
capabilities	String[]	Capabilities of the Device
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- Example [#parameter-examples-Zwave-addZwaveDevice-0\_1\_9-0]

```
{
  sid: "NS123456789",
  name: "Multilevel Switch",
  id: 2,
  file: "43-0086-0003-000d-06-02-4e-01-18.xml",
  lid: "zwave.switchmultilevel",
  profile: "zwave_switchmultilevel",
  capabilities: ['zwave_basic','zwave_association','zwave_switch_multilevel','zwave_switch_all','zwave_meter_v2','zwave_config']
}
```

### Success

Field	Type	Description
cid	String	The new Component ID

- Success-Response [#success-examples-Zwave-addZwaveDevice-0\_1\_9-0]

```
{
  cid: "C9"
}
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred

Name	Description
114	Not connected
117	Not allowed

- Error-Response [#error-examples-Zwave-addZwaveDevice-0\_1\_9-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## Zwave - addZwaveDevice

Add a Zwave Device/Component

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
sid	optional String	System ID
name	String	Name of the Device
id	Integer	Node ID of the Device
file	String	Node xml File of the Device
lid	String	Library ID of the Device
profile	String	Profile of the Device
capabilities	String[]	Capabilities of the Device
tags	optional String/String[]	Tagging
meta	optional Object	Additional Meta Informations

- Example [#parameter-examples-Zwave-addZwaveDevice-0\_1\_8-0]

```
{
  sid: "NS123456789",
  name: "Multilevel Switch",
  id: 2,
  file: "43-0086-0003-000d-06-02-4e-01-18.xml",
  lid: "zwave.switchmultilevel",
  profile: "zwave_switchmultilevel",
  capabilities: ['basic', 'association', 'switch_multilevel', 'switch_all', 'meter_v2', 'configuration', 'sensor_multilevel_v3', 'man']
}
```

### Success

Field	Type	Description
cid	String	The new Component ID

- Success-Response [#success-examples-Zwave-addZwaveDevice-0\_1\_8-0]

```
{
  cid: "C9"
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Zwave-addZwaveDevice-0\_1\_8-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## Zwave - addZwaveDevice

Add a Zwave Device/Component

EMIT

```
/config
```

### Parameter

Field	Type	Description
sid	optional String	System ID
name	String	Name of the Device
id	String	Node ID of the Device
file	String	Node xml File of the Device
lid	String	Library ID of the Device
profile	String	Profile of the Device
capabilities	String	Capabilities of the Device

- Example [#parameter-examples-Zwave-addZwaveDevice-0\_1\_6-0]

```
{
  sid: "NS1234567890",
  name: "Multilevel Switch",
  id: 2,
  file: "43-0086-0003-000d-06-02-4e-01-18.xml",
  lid: "zwave.switchmultilevel",
  profile: "zwave_switchmultilevel",
  capabilities: ['basic','association','switch_multilevel','switch_all','meter_v2','configuration','sensor_multilevel_v3','man']
}
```

- Success-Response [#success-examples-Zwave-addZwaveDevice-0\_1\_6-0]

```
{
  cid: "C9",
}
```

```
{
  error: false
}
```

## Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Zwave-addZwaveDevice-0\_1\_6-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## Zwave - addZwaveDevice

Add a Zwave Device/Component

EMIT

```
/config
```

## Parameter

Field	Type	Description
sid	optional String	System ID
name	String	Name of the Device
id	String	Node ID of the Device
file	String	Node xml File of the Device
profile	String	Profile of the Device
capabilities	String	Capabilities of the Device

- Example [#parameter-examples-Zwave-addZwaveDevice-0\_1\_5-0]

```
{
  sid: "NS1234567890",
  name: "Multilevel Switch",
  id: 2,
  file: "43-0086-0003-000d-06-02-4e-01-18.xml",
  profile: "zwave_switchmultilevel",
  capabilities: ['basic','association','switch_multilevel','switch_all','meter_v2','configuration','sensor_multilevel_v3','man']
}
```

- Success-Response [#success-examples-Zwave-addZwaveDevice-0\_1\_5-0]

```
{
  cid: "C9",
  error: false
}
```

## Error-Codes

Name	Description
------	-------------

106	Parameter(s) error
111	Unknown error occurred
117	Not allowed

- Error-Response [#error-examples-Zwave-addZwaveDevice-0\_1\_5-0]

```
{
  errorCode: 111,
  errorText: "Type unknown"
}
```

## Zwave - addZwaveDevice

Add a Zwave Device/Component

EMIT

```
/config
```

### Parameter

Field	Type	Description
sid	String	System ID
name	String	Name of the Device
id	String	Node ID of the Device
file	String	Node xml File of the Device
profile	String	Profile of the Device
capabilities	String	Capabilities of the Device

- Example [#parameter-examples-Zwave-addZwaveDevice-0\_1\_0-0]

```
{
  "sid": "NS1234567890",
  "name": "Multilevel Switch",
  "id": 2,
  "file": "43-0086-0003-000d-06-02-4e-01-18.xml",
  "profile": "zwave_switchmultilevel",
  "capabilities": ['basic', 'association', 'switch_multilevel', 'switch_all', 'meter_v2', 'configuration', 'sensor_multilevel_v3', 'm']
}
```

- Success-Response [#success-examples-Zwave-addZwaveDevice-0\_1\_0-0]

```
{
  cid: "C9",
  error: false
}
```

- Error-Response [#error-examples-Zwave-addZwaveDevice-0\_1\_0-0]

```
{
  cid: null,
  error: true
}
```

## Zwave - getZwaveAssocGroups

Get Zwave Device Association Groups (per Component ID or Node ID)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	optional String	Component ID
id	optional Integer	Node ID of the Device

- Example 1 [#parameter-examples-Zwave-getZwaveAssocGroups-0\_2\_3-0]
- Example 2 [#parameter-examples-Zwave-getZwaveAssocGroups-0\_2\_3-1]

```
{
  cid: "C8"
}
```

```
{
  id: 2
}
```

### Success

Field	Type	Description
object	Object[]	Association Group Objects
number	Integer	Number
maxNodes	Integer	Max Nodes
associations	Integer[]	Association Node ID's
description	String	Description

- Success-Response [#success-examples-Zwave-getZwaveAssocGroups-0\_2\_3-0]

```
[
  {
    number: 1,
    maxNodes: 5,
    associations: [],
    description: "Status Reports"
  }
]
```

### Error-Codes

Name	Description
112	Not found

- Error-Response [#error-examples-Zwave-getZwaveAssocGroups-0\_2\_3-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Zwave - getZwaveAssocGroups

Get Zwave Device Association Groups

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID

- Example [#parameter-examples-Zwave-getZwaveAssocGroups-0\_1\_8-0]

```
{
  cid: "C8"
}
```

### Success

Field	Type	Description
object	Object[]	Association Group Objects
number	Integer	Number
maxNodes	Integer	Max Nodes
associations	Integer[]	Association Node ID's
description	String	Description

- Success-Response [#success-examples-Zwave-getZwaveAssocGroups-0\_1\_8-0]

```
[
  {
    number: 1,
    maxNodes: 5,
    associations: [],
    description: "Status Reports"
  }
]
```

### Error-Codes

Name	Description
112	Not found

- Error-Response [#error-examples-Zwave-getZwaveAssocGroups-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Zwave - getZwaveConfigParams

Get Configuration Parameters of a Zwave Device (per Component ID or Node ID)

EMIT

```
/api/v1
```

**Parameter**

Field	Type	Description
cid	optional String	Component ID
id	optional Integer	Node ID of the Device

- Example 1 [#parameter-examples-Zwave-getZwaveConfigParams-0\_2\_3-0]
- Example 2 [#parameter-examples-Zwave-getZwaveConfigParams-0\_2\_3-1]

```
{
  cid: "C8"
}
```

```
{
  id: 2
}
```

**Success**

Field	Type	Description
object	Object[]	Configuration Parameters Objects
number	Integer	Number
type	String	Type
size	Integer	Size
default	String	Default Value
description	String	Description
name	String	Name
currentValue	String	Current Value
values	Object[]	Possible Values as Object
from	String	Value from
to	String	Value to
description	String	Description

- Success-Response [#success-examples-Zwave-getZwaveConfigParams-0\_2\_3-0]

```
[
  {
    number: 1,
    type: "rangemapped",
    size: 1,
    default: "00",
    description: "Definiert den physik. Wert, der als Sensorwert gesendet wird.",
    name: "Art des Sensor-Reports",
    currentValue: "",
    values: [
      {
        from: "00",
        to: "00",
        description: "elektr. Leistung"
      }
    ],
  },
]
```



```

    {
      from: "01",
      to: "01",
      description: "elektr. Spannung"
    }
  ],
  ...
]

```

## Error-Codes

Name	Description
112	Not found
116	Timeout occurred

- Error-Response [#error-examples-Zwave-getZwaveConfigParams-0\_2\_3-0]

```

{
  errorCode: 112,
  errorText: "Not found"
}

```

## Zwave - getZwaveConfigParams

Get Configuration Parameters of a Zwave Device

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID

- Example [#parameter-examples-Zwave-getZwaveConfigParams-0\_1\_8-0]

```

{
  cid: "C8"
}

```

### Success

Field	Type	Description
object	Object[]	Configuration Parameters Objects
number	Integer	Number
type	String	Type
size	Integer	Size
default	String	Default Value
description	String	Description
name	String	Name

Field	Type	Description
currentValue	String	Current Value
values	Object[]	Possible Values as Object
from	String	Value from
to	String	Value to
description	String	Description

- Success-Response [#success-examples-Zwave-getZwaveConfigParams-0\_1\_8-0]

```
[
  {
    number: 1,
    type: "rangemapped",
    size: 1,
    default: "00",
    description: "Definiert den physik. Wert, der als Sensorwert gesendet wird.",
    name: "Art des Sensor-Reports",
    currentValue: "",
    values: [
      {
        from: "00",
        to: "00",
        description: "elektr. Leistung"
      },
      {
        from: "01",
        to: "01",
        description: "elektr. Spannung"
      }
    ]
  },
  ...
]
```

### Error-Codes

Name	Description
112	Not found
116	Timeout occurred

- Error-Response [#error-examples-Zwave-getZwaveConfigParams-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Zwave - getZwaveConfigXMLs

Get a index/list of all available Config XML files

EMIT

```
/api/v1
```

### Success

Field	Type	Description
object	Object[]	Device Objects

Field	Type	Description
manufacturerId	Integer	Manufacturer ID
productType	Integer	Product Type
productId	Integer	Product ID
basicClass	Integer	Basic Class ID
genericClass	Integer	Generic Class ID
specificClass	Integer	Specific Class ID
appVersion	Integer	App Version
appSubVersion	Integer	App Sub Version
protoVersion	Integer	Protocol Version
protoSubVersion	Integer	Protocol Sub Version
brandName	String	Brand Name
productName	String	Product Name
deviceImageUrl	String	Device Image URL
filePath	String	XML File Name

- Success-Response [#success-examples-Zwave-getZwaveConfigXMLs-0\_2\_2-0]

```
[ { manufacturerId: '345',
  productType: '3',
  productId: '2',
  basicClass: '4',
  genericClass: '17',
  specificClass: '6',
  appVersion: '1',
  appSubVersion: '12',
  protoVersion: '3',
  protoSubVersion: '28',
  brandName: 'Qubino',
  productName: 'ZMNHCA2',
  deviceImageUrl: '',
  filePath: '641-0159-0003-0002-03-03-1c-01-0c.xml' },
  { manufacturerId: '273',
  productType: '4096',
  productId: '16',
  basicClass: '4',
  genericClass: '16',
  specificClass: '1',
  appVersion: '2',
  appSubVersion: '18',
  protoVersion: '3',
  protoSubVersion: '82',
  brandName: 'KUUU',
  productName: 'China SmartPlug with Power Meter',
  deviceImageUrl: 'http://www.pepper1.net/zwavedb/uploads/resources/5a6c6c28db90b1f3f2b68cf80afaa70d15c6d2d3.jpg',
  filePath: '708-0111-1000-0010-06-03-52-02-12.xml' },
  ...
]
```

## Error-Codes

Name	Description
------	-------------

111	Unknown error occurred
112	Not found

- Error-Response [#error-examples-Zwave-getZwaveConfigXMLs-0\_2\_2-0]

```
{
  errorCode: 111,
  errorText: "Unknown error occurred"
}
```

## Zwave - getZwaveControllerFrequencies

Get all the supported Controller Frequencies

EMIT

```
/api/v1
```

### Success

Field	Type	Description
array	Array	Array with supported Country Codes

- Success-Response [#success-examples-Zwave-getZwaveControllerFrequencies-0\_2\_13-0]

```
[
  "EU",
  "RU",
  "IN",
  "US",
  "ANZ",
  "HK",
  "CN",
  "JP",
  "KR",
  "IL",
  "MY"
]
```

### Error-Codes

Name	Description
111	Unknown error occurred
116	Timeout occurred

- Error-Response [#error-examples-Zwave-getZwaveControllerFrequencies-0\_2\_13-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## Zwave - getZwaveControllerFrequency

Get the Controller Frequency

EMIT

```
/api/v1
```

### Success

Field	Type	Description
object	Object	Object
current	String	Current Frequency, Country Code

- Success-Response [#success-examples-Zwave-getZwaveControllerFrequency-0\_2\_13-0]

```
{
  current: "EU"
}
```

### Error-Codes

Name	Description
111	Unknown error occurred
116	Timeout occurred

- Error-Response [#error-examples-Zwave-getZwaveControllerFrequency-0\_2\_13-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## Zwave - getZwaveDeviceInfos

Get detailed Zwave Device Informations (per Component ID or File)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	optional String	Component ID
file	optional String	XML File Name

- Example per cid [#parameter-examples-Zwave-getZwaveDeviceInfos-0\_1\_8-0]
- Example per file [#parameter-examples-Zwave-getZwaveDeviceInfos-0\_1\_8-1]

```
{
  cid: "C8"
}
```

```
{
  file: "43-0086-0003-000d-06-02-4e-01-18.xml"
}
```

### Success

Field	Type	Description
deviceData	Object[]	Device Data
deviceDescription	Object[]	Device Description

Field	Type	Description
resourceLinks	Object[]	Resource Links
genericClass	Object[]	Generic Class Informations
specificClass	Object[]	Specific Class Informations
vendors	Object[]	Vendor Informations

- Success-Response [#success-examples-Zwave-getZwaveDeviceInfos-0\_1\_8-0]

```
{
  deviceData: {
    manufacturerId: "0086",
    productType: "0003",
    productId: "000d",
    libType: "06",
    protoVersion: "02",
    protoSubVersion: "4e",
    appVersion: "01",
    appSubVersion: "18",
    basicClass: "04",
    genericClass: "11",
    specificClass: "01",
    optional: "false",
    listening: "true",
    routing: "false",
    beamSensor: "0"
  },
  deviceDescription: {
    description: "Dimmer als Wandersatz mit Strommessfunktion und lokaler Steuerung mittels Standardschalter",
    wakeupNote: "",
    inclusionNote: "",
    productName: "MSEI",
    brandName: "Micro Modules",
    productLine: "Micro Modules"
  },
  resourceLinks: {
    deviceImage: "http://www.pepper1.net/zwavedb/uploads/resources/8a897f908453b37081abcc700c827cf697373ef7.jpg"
  },
  genericClass: {
    capability: [
      "basic",
      "switchmultilevel"
    ],
    name: "Multipositionsschalter"
  },
  specificClass: {
    capability: [
      "switchall"
    ],
    name: "Routing Multipositions-Schalter"
  },
  vendor: {
    name: "Aeon Labs",
    webpage: "http://www.aeon-labs.com",
    logo: "ftp://85.214.154.123/pub/logo/aeonlabs.jpg"
  }
}
```

## Error-Codes

Name	Description
112	Not found

- Error-Response [#error-examples-Zwave-getZwaveDeviceInfos-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Zwave - getZwaveDevices

Get (autodetected) Zwave Devices/Components

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
localOnly	optional Boolean	Only local detected? Default value: true Allowed values: true, false

### Success

Field	Type	Description
available	Object	Device available on following Systems
sid	String	System ID
name	String	Name of the Device
lastUpdate	String	Timestamp Last Update
lid	String	Library ID
profile	String	Profile Name
id	Integer	Zwave Node ID
file	String	Node xml File of the Device
capabilities	String[]	Capabilities of the Device
detectedBy	String	Detected by Type Allowed values: xmlFile, dedicatedJson
components	Object[]	Component(s) (if already added to the underlying system)
cid	String	Component ID
sid	String	System ID

- Success-Response [#success-examples-Zwave-getZwaveDevices-0\_2\_12-0]

```
[
  {
    available: [
      {
        sid: "NS123456789",
        name: "Multilevel Switch",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    lid: "zwave.switchmultilevel",
    profile: "zwave_switchmultilevel",
    id: 2,
  }
]
```

```

file: "43-0086-0003-000d-06-02-4e-01-18.xml",
capabilities: ['zwave_basic','zwave_association','zwave_switch_multilevel','zwave_switch_all','zwave_meter_v2','zwave
detectedBy: "xmlFile",
components: [
  {
    cid: "C9",
    sid: "NS123456789"
  }
]
}
]

```

## Zwave - getZwaveDevices

Get (autodetected) Zwave Devices/Components

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
localOnly	optional Boolean	Only local detected? Default value: true Allowed values: true, false

### Success

Field	Type	Description
available	Object	Device available on following Systems
sid	String	System ID
name	String	Name of the Device
lastUpdate	String	Timestamp Last Update
lid	String	Library ID
profile	String	Profile Name
id	Integer	Zwave Node ID
file	String	Node xml File of the Device
capabilities	String[]	Capabilities of the Device
components	Object[]	Component(s) (if already added to the underlying system)
cid	String	Component ID
sid	String	System ID

- Success-Response [#success-examples-Zwave-getZwaveDevices-0\_1\_8-0]

```

[
  {
    available: [

```



```

    {
      sid: "NS123456789",
      name: "Multilevel Switch",
      lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
    }
  ],
  lid: "zwave.switchmultilevel",
  profile: "zwave_switchmultilevel",
  id: 2,
  file: "43-0086-0003-000d-06-02-4e-01-18.xml",
  capabilities: ['basic','association','switch_multilevel','switch_all','meter_v2','configuration','sensor_multilevel_v
components: [
  {
    cid: "C9",
    sid: "NS123456789"
  }
]
}
]

```

## Zwave - getZwaveDevices

Get (autodetected) Zwave Devices/Components

EMIT

```
/config
```

- Success-Response [#success-examples-Zwave-getZwaveDevices-0\_1\_6-0]

```

[
  {
    available: [
      {
        sid: "NS123456789",
        name: "Multilevel Switch",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    lid: "zwave.switchmultilevel",
    profile: "zwave_switchmultilevel",
    id: 2,
    file: "43-0086-0003-000d-06-02-4e-01-18.xml",
    capabilities: ['basic','association','switch_multilevel','switch_all','meter_v2','configuration','sensor_multilevel_v
components: [
  {
    cid: "C9",
    sid: "NS123456789"
  }
]
}
]

```

## Zwave - getZwaveDevices

Get (autodetected) Zwave Devices/Components

EMIT

```
/config
```

- Success-Response [#success-examples-Zwave-getZwaveDevices-0\_1\_0-0]

```

[
  {
    available: [
      {
        sid: "NS123456789",
        name: "Multilevel Switch",
        lastUpdate: "Thu Jul 16 2015 15:54:24 GMT+0200 (CEST)"
      }
    ],
    profile: "zwave_switchmultilevel",
    id: 2,
    file: "43-0086-0003-000d-06-02-4e-01-18.xml",

```

```

capabilities: ['basic','association','switch_multilevel','switch_all','meter_v2','configuration','sensor_multilevel_v
components: [
  {
    cid: "C9",
    sid: "NS123456789"
  }
]
}
]

```

## Zwave - getZwaveWakeUpInterval

Provides for a Node Wakeup Interval Informations (per Component ID or Node ID)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	optional String	Component ID
id	optional Integer	Node ID of the Device

- Example 1 [#parameter-examples-Zwave-getZwaveWakeUpInterval-0\_2\_2-0]
- Example 2 [#parameter-examples-Zwave-getZwaveWakeUpInterval-0\_2\_2-1]

```
{
  id: 2
}
```

```
{
  cid: "C002"
}
```

### Success

Field	Type	Description
object	Object	Object
current	Integer	Current Wakeup Interval (in Seconds)
allowed	Object	Possible/allowed Range
from	Integer	From (in Seconds)
to	Integer	To (in Seconds)

- Success-Response [#success-examples-Zwave-getZwaveWakeUpInterval-0\_2\_2-0]

```
{
  current: 360,
  allowed: {
    from: 0,
    to: 2678400
  }
}
```

### Error-Codes

Name	Description
------	-------------

106	Parameter(s) error
111	Unknown error occurred
112	Not found
116	Timeout occurred

- Error-Response [#error-examples-Zwave-getZwaveWakeUpInterval-0\_2\_2-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## Zwave - interviewZwaveNode

Interviews a Node again (takes place automatically with Include) (per Component ID or Node ID)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	optional String	Component ID
id	optional Integer	Node ID of the Device

- Example 1 [#parameter-examples-Zwave-interviewZwaveNode-0\_2\_2-0]
- Example 2 [#parameter-examples-Zwave-interviewZwaveNode-0\_2\_2-1]

```
{
  id: 2
}
```

```
{
  cid: "C002"
}
```

- Success-Response [#success-examples-Zwave-interviewZwaveNode-0\_2\_2-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
116	Timeout occurred

- Error-Response [#error-examples-Zwave-interviewZwaveNode-0\_2\_2-0]

```
{
  errorCode: 116,
```

```
{
  errorText: "Timeout occurred"
}
```

## Zwave - loadZwaveConfigXML

Takes on another Z-Wave XML from the Library for a Node (per Component ID or Node ID)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	optional String	Component ID
id	optional Integer	Node ID of the Device
file	String	XML File Name

- Example 1 [#parameter-examples-Zwave-loadZwaveConfigXML-0\_2\_2-0]
- Example 2 [#parameter-examples-Zwave-loadZwaveConfigXML-0\_2\_2-1]

```
{
  id: 2,
  file: "43-0086-0003-000d-06-02-4e-01-18.xml"
}
```

```
{
  cid: "C002",
  file: "43-0086-0003-000d-06-02-4e-01-18.xml"
}
```

- Success-Response [#success-examples-Zwave-loadZwaveConfigXML-0\_2\_2-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
116	Timeout occurred

- Error-Response [#error-examples-Zwave-loadZwaveConfigXML-0\_2\_2-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## Zwave - removeZwaveAssociation

Remove one or multiple Node ID's from a specific Zwave Device Association Group of a Component

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID
associations	Object[]	Associations

- Example [#parameter-examples-Zwave-removeZwaveAssociation-0\_1\_8-0]

```
{
  cid: "C8",
  associations: [
    {number: 1, id: 3},
    {number: 1, id: 4}
  ]
}
```

- Success-Response [#success-examples-Zwave-removeZwaveAssociation-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
112	Not found

- Error-Response [#error-examples-Zwave-removeZwaveAssociation-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Zwave - removeZwaveNode

Removes a Node with "force" override (e.g., when the device is defective and can no longer be excluded) (per Component ID or Node ID)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	optional String	Component ID
id	optional Integer	Node ID of the Device

- Example 1 [#parameter-examples-Zwave-removeZwaveNode-0\_2\_2-0]
- Example 2 [#parameter-examples-Zwave-removeZwaveNode-0\_2\_2-1]

```
{
  id: 2
}
```

```
{
  cid: "C002"
}
```

- Success-Response [#success-examples-Zwave-removeZwaveNode-0\_2\_2-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
116	Timeout occurred

- Error-Response [#error-examples-Zwave-removeZwaveNode-0\_2\_2-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## Zwave - resetZwaveAlarm

Resets all Alarm reports for a Node (per Component ID or Node ID)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	optional String	Component ID
id	optional Integer	Node ID of the Device

- Example 1 [#parameter-examples-Zwave-resetZwaveAlarm-0\_2\_2-0]
- Example 2 [#parameter-examples-Zwave-resetZwaveAlarm-0\_2\_2-1]

```
{
  id: 2
}
```

```
{
  cid: "C002"
}
```

- Success-Response [#success-examples-Zwave-resetZwaveAlarm-0\_2\_2-0]

```
true
```

### Error-Codes

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found

Name	Description
116	Timeout occurred

- Error-Response [#error-examples-Zwave-resetZwaveAlarm-0\_2\_2-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## Zwave - resetZwaveController

Reset the Zwave Controller

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Zwave-resetZwaveController-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occurred
116	Timeout occurred

- Error-Response [#error-examples-Zwave-resetZwaveController-0\_1\_8-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## Zwave - setZwaveConfigParams

Set one or multiple Zwave Device Configuration Parameter(s) of a Component to specific Value(s)

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
cid	String	Component ID
params	Object[]	Configuration Parameters/Values
number	Integer	Number of Parameter
value	String	Value

- Example [#parameter-examples-Zwave-setZwaveConfigParams-0\_1\_8-0]

```
{
  cid: "C8",
  params: [
```

```
{number: 1, value: "01"}
}
```

- Success-Response [#success-examples-Zwave-setZwaveConfigParams-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
112	Not found

- Error-Response [#error-examples-Zwave-setZwaveConfigParams-0\_1\_8-0]

```
{
  errorCode: 112,
  errorText: "Not found"
}
```

## Zwave - setZwaveControllerFrequency

Set the Controller Frequency

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
code	String	Country Code

- Example [#parameter-examples-Zwave-setZwaveControllerFrequency-0\_2\_13-0]

```
{
  code: "EU"
}
```

- Success-Response [#success-examples-Zwave-setZwaveControllerFrequency-0\_2\_13-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occurred
116	Timeout occurred

- Error-Response [#error-examples-Zwave-setZwaveControllerFrequency-0\_2\_13-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

## Zwave - setZwaveWakeUpInterval

Sets the Wakeup Interval for a Node (per Component ID or Node ID)

EMIT



/api/v1

**Parameter**

Field	Type	Description
cid	optional String	Component ID
id	optional Integer	Node ID of the Device
interval	Integer	Wakeup Interval (in seconds)

- Example 1 [#parameter-examples-Zwave-setZwaveWakeUpInterval-0\_2\_2-0]
- Example 2 [#parameter-examples-Zwave-setZwaveWakeUpInterval-0\_2\_2-1]

```
{
  id: 2,
  interval: 3600
}
```

```
{
  cid: "C002",
  interval: 3600
}
```

- Success-Response [#success-examples-Zwave-setZwaveWakeUpInterval-0\_2\_2-0]

true

**Error-Codes**

Name	Description
106	Parameter(s) error
111	Unknown error occurred
112	Not found
116	Timeout occurred

- Error-Response [#error-examples-Zwave-setZwaveWakeUpInterval-0\_2\_2-0]

```
{
  errorCode: 116,
  errorText: "Timeout occurred"
}
```

**Zwave - startZwaveExcludeMode**

Start Zwave Exclude/Learning Mode

EMIT

/api/v1

**Parameter**

Field	Type	Description
timeout	optional Integer	Timeout of exclusion mode in seconds Allowed values: 30

- Example [#parameter-examples-Zwave-startZwaveExcludeMode-0\_1\_9-0]

```
{
  timeout: 30
}
```

- Success-Response [#success-examples-Zwave-startZwaveExcludeMode-0\_1\_9-0]

```
true
```

## Zwave - startZwaveExcludeMode

Start Zwave Exclude/Learning Mode

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
timeout	optional Integer	Timeout of exclusion mode in seconds

- Example [#parameter-examples-Zwave-startZwaveExcludeMode-0\_1\_8-0]

```
{
  timeout: 30
}
```

- Success-Response [#success-examples-Zwave-startZwaveExcludeMode-0\_1\_8-0]

```
true
```

## Zwave - startZwaveIncludeMode

Start Zwave Include/Learning Mode

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
timeout	optional Integer	Timeout of inclusion mode in seconds Allowed values: 30

- Example [#parameter-examples-Zwave-startZwaveIncludeMode-0\_1\_9-0]

```
{
  timeout: 30
}
```

- Success-Response [#success-examples-Zwave-startZwaveIncludeMode-0\_1\_9-0]

```
true
```

## Zwave - startZwaveIncludeMode

Start Zwave Include/Learning Mode

EMIT

```
/api/v1
```

### Parameter

Field	Type	Description
timeout	optional Integer	Timeout of inclusion mode in seconds

- Example [#parameter-examples-Zwave-startZwaveIncludeMode-0\_1\_8-0]

```
{
  timeout: 30
}
```

- Success-Response [#success-examples-Zwave-startZwaveIncludeMode-0\_1\_8-0]

```
true
```

## Zwave - stopZwaveExcludeMode

Stop Zwave Exclude/Learning Mode

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Zwave-stopZwaveExcludeMode-0\_1\_8-0]

```
true
```

## Zwave - stopZwaveIncludeMode

Stop Zwave Include/Learning Mode

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Zwave-stopZwaveIncludeMode-0\_1\_8-0]

```
true
```

## Zwave - updateZwaveNetwork

Update the Zwave Network

EMIT

```
/api/v1
```

- Success-Response [#success-examples-Zwave-updateZwaveNetwork-0\_1\_8-0]

```
true
```

### Error-Codes

Name	Description
111	Unknown error occurred
116	Timeout occurred

- Error-Response [#error-examples-Zwave-updateZwaveNetwork-0\_1\_8-0]

```
{
  errorCode: 116,
  errorText: "Timeout occured"
}
```

## Zwave - zwaveStateChange

Update Event when Zwave State Events get fired

ON/EVENT

/api/v1

### Success

Field	Type	Description
sid	String	System ID
status	String	Status <b>NotActive</b> : Zwave Hardware/Engine not active <b>AddReady</b> : User can now add a zwave device by pressing its button <b>RemoveReady</b> : User can now remove a zwave device by pressing its button <b>Idle</b> : called after action is finished or timeout occured <b>detected</b> : called when interview of zwave device is finished  Allowed values: <b>NotActive</b> , <b>Idle</b> , <b>RemoveReady</b> , <b>RemoveNodeFound</b> , <b>RemoveLearning</b> , <b>AddReady</b> , <b>AddNodeFound</b> , <b>AddLearning</b> , <b>AddDone</b> , <b>detected</b>
device	optional String	Node ID of the new Device
file	optional String	Node xml File of the new Device

- Idle Response [#success-examples-Zwave-zwaveStateChange-0\_2\_12-0]
- Response (detected new Device) [#success-examples-Zwave-zwaveStateChange-0\_2\_12-1]

```
{
  sid: 'NS123456789',
  status: 'Idle'
}
```

```
{
  sid: 'NS123456789',
  status: 'detected',
  file: '11-0064-3001-0000-06-02-33-01-00.xml',
  device: '6'
}
```

## Zwave - zwaveStateChange

Update Event when Zwave State Events get fired

ON/EVENT

/api/v1

### Success

Field	Type	Description
sid	String	System ID

Field	Type	Description
status	String	Status AddReady: User can now add a zwave device by pressing its button RemoveReady: User can now remove a zwave device by pressing its button Idle: called after action is finished or timeout occurred detected: called when interview of zwave device is finished  Allowed values: Idle, RemoveReady, RemoveNodeFound, RemoveLearning, AddReady, AddNodeFound, AddLearning, AddDone, detected
device	optional String	Node ID of the new Device
file	optional String	Node xml File of the new Device

- Idle Response [#success-examples-Zwave-zwaveStateChange-0\_2\_3-0]
- Response (detected new Device) [#success-examples-Zwave-zwaveStateChange-0\_2\_3-1]

```
{
  sid: 'NS123456789',
  status: 'Idle'
}
```

```
{
  sid: 'NS123456789',
  status: 'detected',
  file: '11-0064-3001-0000-06-02-33-01-00.xml',
  device: '6'
}
```

## Zwave - zwaveStateChange

Update Event when Zwave State Events get fired

ON/EVENT

```
/api/v1
```

### Success

Field	Type	Description
sid	String	System ID
status	String	Status

- Response [#success-examples-Zwave-zwaveStateChange-0\_1\_8-0]

```
{
  sid: 'NS123456789',
  status: 'Idle'
}
```

## Zwave - zwaveStateChange

Update Event when Zwave State Events get fired

ON/EVENT

```
/config
```

