

http://ewall.radio.pub.ro/platform-dev/cloud-gateway/api-docs

api\_key

Explore

# **eWall Cloud Gateway**

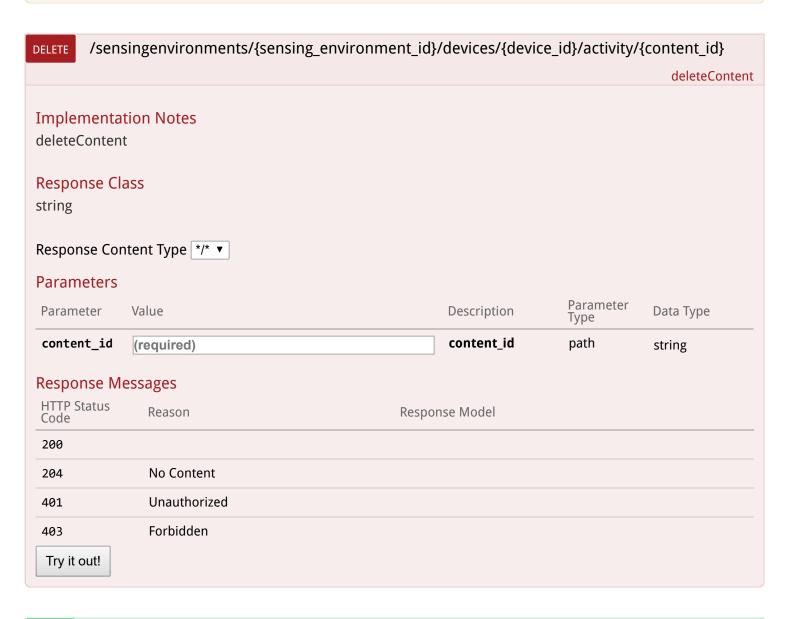
Responsible for interconnecting eWALL Cloud with Sensing Environments (Remote Proxy)

Contact the developer

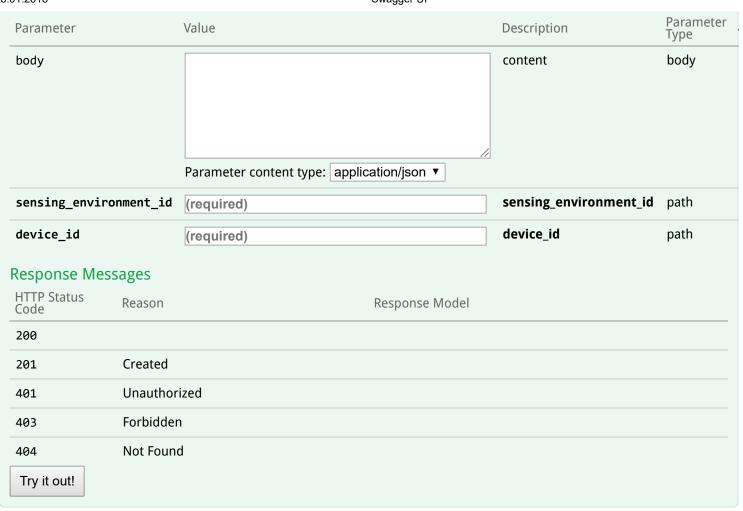
# accelerometer-measurements-controller : Accelerometer Measurements Controller

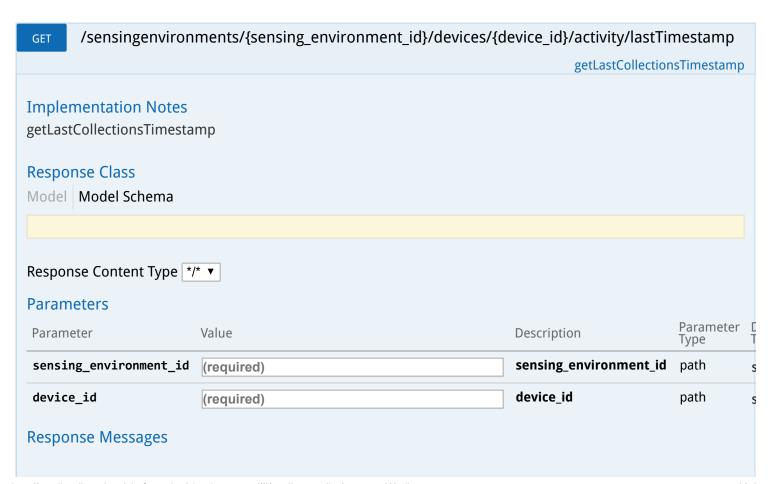
			Show/Hide List	Operations	Expand Operation	ns Raw
PUT	/sensingenviro	nments/{sensing_environm	nent_id}/devices/{c	device_id}/a	ctivity/{conten	t_id}
					upda	ateContent
Implan	montation Notes					
	mentation Notes Content					
- p						
	nse Class					
string						
Respon	nse Content Type	*/* ▼				
Param						
Parame		Value		Description	1	Parameter
				content		Type body
body				content		body
		Parameter content type: appl	ication/ican V	\$		
		Parameter content type: appl				
sensin	ng_environment_io		ication/json ▼		nvironment_id	path
sensin				sensing_e		path path
	e_id	(required)				
device	e_id nt_id	(required)		device_id		path
device conten Respon	e_id  nt_id  nse Messages	(required)	<u></u>	device_id		path
content Responding HTTP Strong	e_id nt_id nse Messages	(required)		device_id		path
content Respondence HTTP Stoode	e_id  nt_id  nse Messages  tatus Reason	(required) (required) (required)	<u></u>	device_id		path
device conten Respon HTTP S Code 200	e_id  nt_id  nse Messages  tatus Reason  Created	(required) (required) (required)	<u></u>	device_id		path
content Respondence HTTP Stoode	e_id  nt_id  nse Messages  tatus Reason	(required) (required) (required)	<u></u>	device_id		path





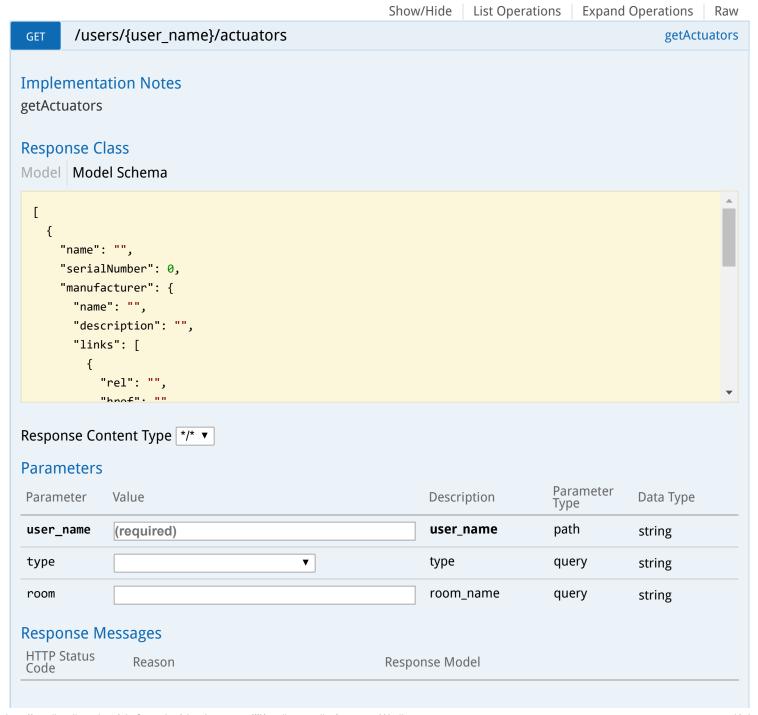




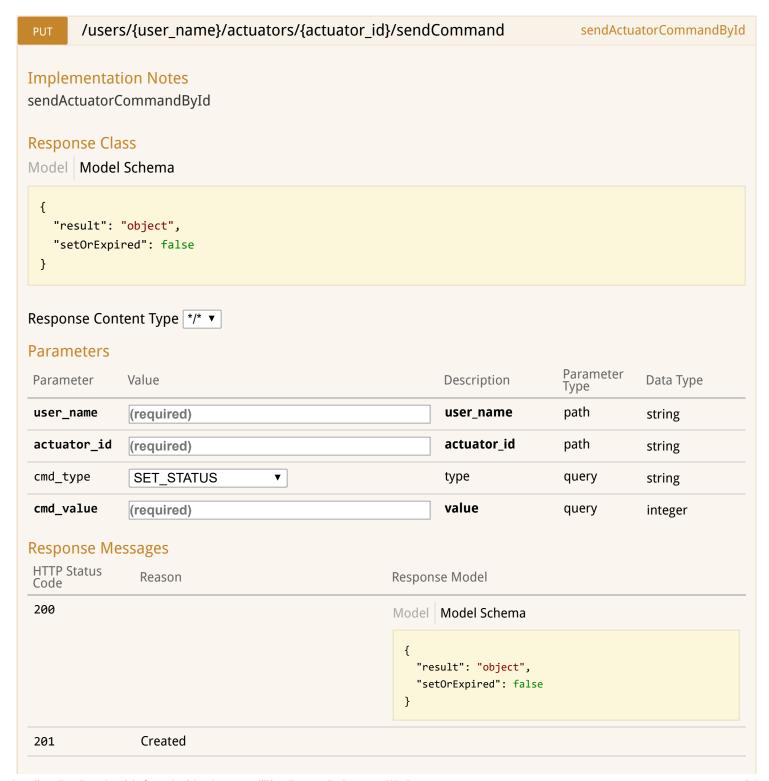


HTTP Status Code	Reason	Response Model
200	ОК	
401	Unauthorized	
403	Forbidden	
404  Try it out!	Not Found	

#### actuators-controller: Actuators Controller

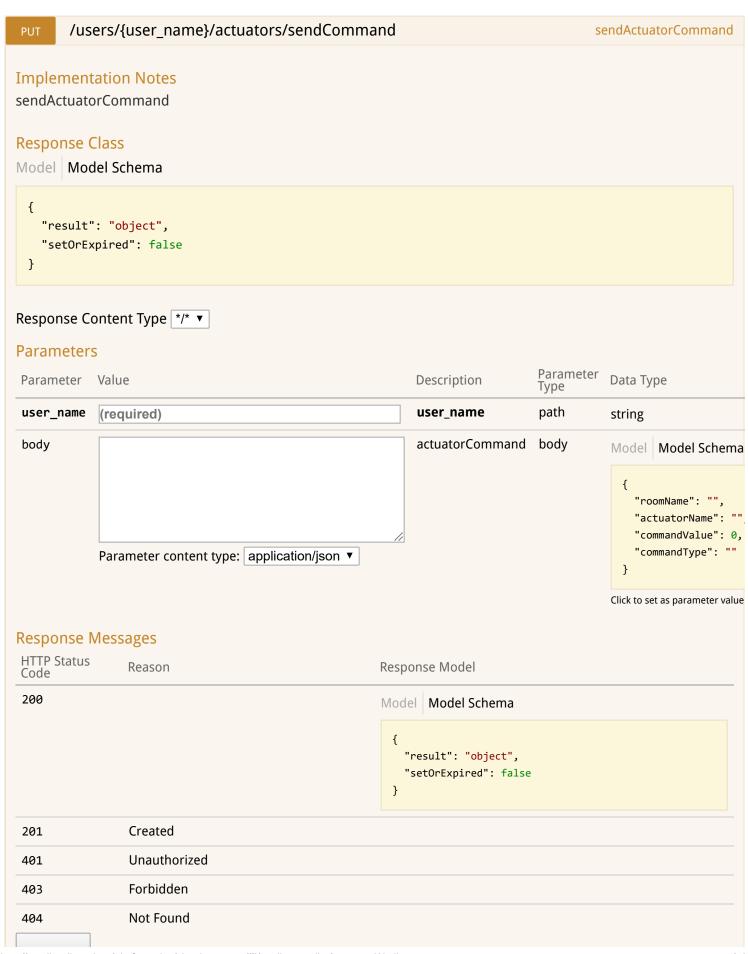


HTTP Status Code	Reason	Response Model
200	ОК	
401	Unauthorized	
403	Forbidden	
404 Try it out!	Not Found	



HTTP Status Code	Reason	Response Model
401	Unauthorized	
403	Forbidden	
404 Try it out!	Not Found	

```
/users/{user_name}/actuators/lights/setColor
                                                                                               setAllLightsRGB
Implementation Notes
setAllLightsRGB
Response Class
Model Model Schema
    "result": "object",
   "setOrExpired": false
 }
Response Content Type */* ▼
Parameters
                                                                                Parameter
Type
              Value
                                                              Description
Parameter
                                                                                             Data Type
user_name
              (required)
                                                              user_name
                                                                                path
                                                                                             string
                                                              rgb
rgb
                                                                                query
              (required)
                                                                                             integer
Response Messages
HTTP Status
                                                       Response Model
                 Reason
Code
200
                                                       Model Model Schema
                                                          "result": "object",
                                                           "setOrExpired": false
                 Created
201
                 Unauthorized
401
                 Forbidden
403
                 Not Found
404
 Try it out!
```



Try it out!

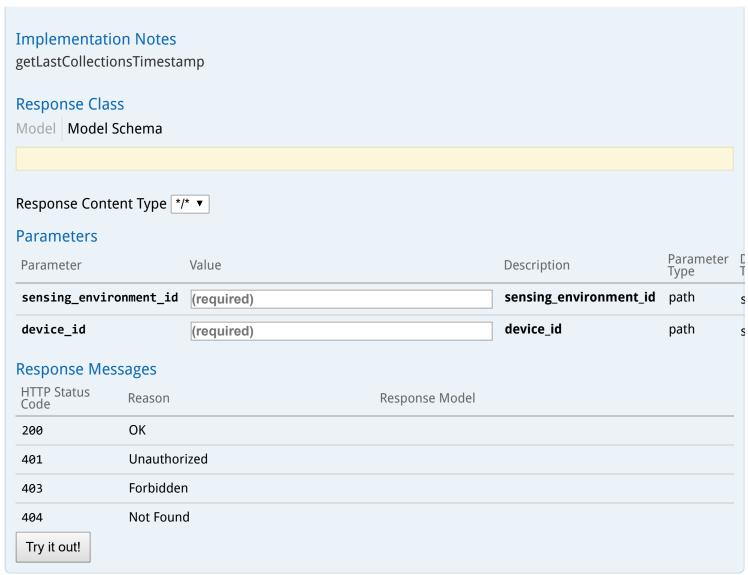
```
/users/{user_name}/actuators/sendCommandParameters
PUT
                                                                    send Actuator Command Via Request Paramaters\\
Implementation Notes
send Actuator Command Via Request Paramaters\\
Response Class
Model Model Schema
   "result": "object",
   "setOrExpired": false
 }
Response Content Type */* ▼
Parameters
                                                                                  Parameter
Parameter
             Value
                                                             Description
                                                                                               Data Type
                                                                                  Type
                                                              user_name
                                                                                  path
user_name
             (required)
                                                                                               string
                                                              room_name
room
              (required)
                                                                                  query
                                                                                               string
                                                              actuator_name
name
              (required)
                                                                                  query
                                                                                               string
                                                              type
cmd_type
              SET_STATUS
                                    ▼
                                                                                  query
                                                                                               string
                                                             value
cmd_value
                                                                                  query
             (required)
                                                                                              integer
Response Messages
HTTP Status
                                                       Response Model
                 Reason
Code
200
                                                       Model Model Schema
                                                           "result": "object",
                                                           "setOrExpired": false
                                                         }
                 Created
201
                 Unauthorized
401
403
                 Forbidden
404
                 Not Found
 Try it out!
```

# appliance-power-sensing-controller: Appliance Power Sensing Controller

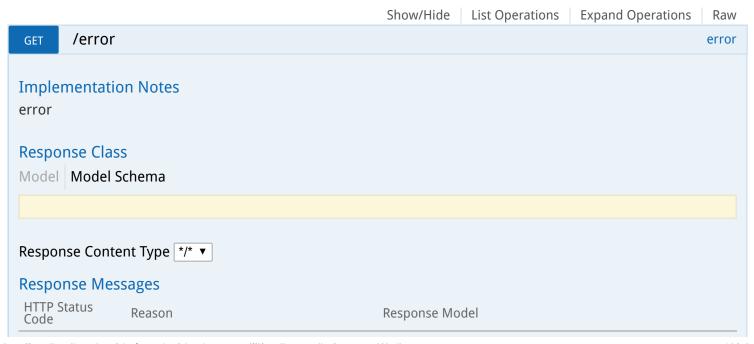
		Show/Hid	e List O	perations   Expand Operat	ions Raw
POST /sensing	genviron	ments/{sensing_environment_id}/de	vices/{de	evice_id}/power/add	
				add	NewContent
Implementatio addNewContent					
Response Class string	;				
Response Conte	nt Type */	* ▼			
Parameters					
Parameter		Value		Description	Parameter Type
body		Parameter content type: application/json	<i>A</i>	content	body
sensing_enviro	nment_id	(required)		sensing_environment_id	path
device_id		(required)		device_id	path
Response Mess	ages				
HTTP Status Code	Reason	Response I	Model		
200					
201	Created				
401	Unauthor	ized			
403	Forbidder	1			
404	Not Found	d			
Try it out!					

/sensingenvironments/{sensing\_environment\_id}/devices/{device\_id}/power/lastTimestamp

getLastCollectionsTimestamp



## basic-error-controller: Basic Error Controller



```
HTTP Status Code

Reason

Response Model

OK

Unauthorized

Forbidden

Not Found

Try it out!
```

```
/error
                                                                                                    errorHtml
Implementation Notes
errorHtml
Response Class
Model Model Schema
 {
    "view": {
     "contentType": ""
   },
    "model": "object",
   "viewName": "",
   "reference": false,
    "modelMap": {
     "empty": false
   },
    "amatu". £alca
Response Content Type text/html ▼
Response Messages
HTTP Status
                                                       Response Model
                 Reason
Code
200
                 OK
                                                       Model Model Schema
                                                           "view": {
                                                             "contentType": ""
                                                           "model": "object",
                                                           "viewName": "",
                                                           "reference": false,
                                                           "modelMap": {
                                                             "empty": false
                                                           },
                                                           "empty": false
```

```
HTTP Status Code Reason Response Model

401 Unauthorized

403 Forbidden

404 Not Found

Try it out!
```

```
errorHtml
        /error
POST
Implementation Notes
errorHtml
Response Class
Model Model Schema
  {
    "view": {
      "contentType": ""
    },
    "model": "object",
    "viewName": "",
    "reference": false,
    "modelMap": {
      "empty": false
    },
    "amatu". £alca
Response Content Type text/html ▼
Response Messages
HTTP Status
Code
                                                        Response Model
                 Reason
 200
                                                        Model Model Schema
                                                          {
                                                            "view": {
                                                              "contentType": ""
                                                            "model": "object",
                                                            "viewName": "",
                                                            "reference": false,
                                                            "modelMap": {
                                                              "empty": false
                                                            },
                                                            "empty": false
                 Created
 201
```

```
HTTP Status Code Reason Response Model

401 Unauthorized

403 Forbidden

404 Not Found

Try it out!
```

```
errorHtml
        /error
Implementation Notes
errorHtml
Response Class
Model Schema
 {
    "view": {
      "contentType": ""
   },
    "model": "object",
    "viewName": "",
    "reference": false,
    "modelMap": {
      "empty": false
   },
    "amatu". £alca
Response Content Type | text/html ▼
Response Messages
HTTP Status
Code
                                                        Response Model
                 Reason
 200
                                                        Model Model Schema
                                                          {
                                                           "view": {
                                                             "contentType": ""
                                                            "model": "object",
                                                            "viewName": "",
                                                           "reference": false,
                                                           "modelMap": {
                                                             "empty": false
                                                           },
                                                            "empty": false
                 Created
 201
```

```
HTTP Status Code Reason Response Model

401 Unauthorized

403 Forbidden

404 Not Found

Try it out!
```

```
/error
                                                                                                     errorHtml
Implementation Notes
errorHtml
Response Class
Model Schema
 {
    "view": {
      "contentType": ""
   },
    "model": "object",
    "viewName": "",
    "reference": false,
    "modelMap": {
      "empty": false
   },
    "amatu". £alca
Response Content Type | text/html ▼
Response Messages
HTTP Status
Code
                                                        Response Model
                 Reason
 200
                                                        Model Model Schema
                                                          {
                                                           "view": {
                                                             "contentType": ""
                                                            "model": "object",
                                                            "viewName": "",
                                                           "reference": false,
                                                            "modelMap": {
                                                             "empty": false
                                                           },
                                                            "empty": false
                 No Content
 204
```

```
HTTP Status Code Reason Response Model

401 Unauthorized

403 Forbidden

Try it out!
```

```
/error
                                                                                                       errorHtml
DELETE
Implementation Notes
errorHtml
Response Class
Model Model Schema
    "view": {
      "contentType": ""
    },
    "model": "object",
    "viewName": "",
    "reference": false,
    "modelMap": {
      "empty": false
    },
    "ama+v". falca
Response Content Type | text/html ▼
Response Messages
 HTTP Status
Code
                 Reason
                                                         Response Model
 200
                                                         Model | Model Schema
                                                            "view": {
                                                              "contentType": ""
                                                            "model": "object",
                                                             "viewName": "",
                                                            "reference": false,
                                                            "modelMap": {
                                                              "empty": false
                                                            },
                                                             "empty": false
                  No Content
 204
                  Unauthorized
 401
```

HTTP Status Code Reason Response Model

403 Forbidden

Try it out!

```
/error
                                                                                                      errorHtml
OPTIONS
Implementation Notes
errorHtml
 Response Class
 Model Model Schema
  {
     "view": {
       "contentType": ""
    },
     "model": "object",
    "viewName": "",
    "reference": false,
     "modelMap": {
       "empty": false
    },
     "amatu". £alca
 Response Content Type | text/html ▼
 Response Messages
 HTTP Status
Code
                  Reason
                                                         Response Model
 200
                                                         Model | Model Schema
                                                             "view": {
                                                               "contentType": ""
                                                             "model": "object",
                                                             "viewName": "",
                                                             "reference": false,
                                                             "modelMap": {
                                                               "empty": false
                                                             },
                                                             "empty": false
                  No Content
 204
 401
                  Unauthorized
                  Forbidden
 403
```

Try it out!

/error errorHtml

## **Implementation Notes**

errorHtml

#### **Response Class**

Model Model Schema

```
"view": {
    "contentType": ""
},
    "model": "object",
    "viewName": "",
    "reference": false,
    "modelMap": {
        "empty": false
},
    "ompty": false
```

#### Response Content Type text/html ▼

#### **Response Messages**

**HTTP Status** Reason Response Model Code 200 Model | Model Schema { "view": { "contentType": "" }, "model": "object", "viewName": "", "reference": false, "modelMap": { "empty": false "empty": false

204 No Content

401 Unauthorized

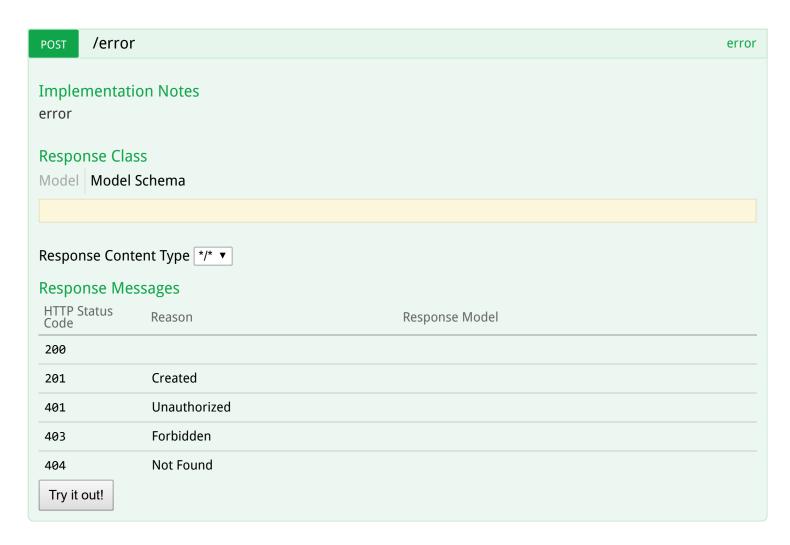
403 Forbidden

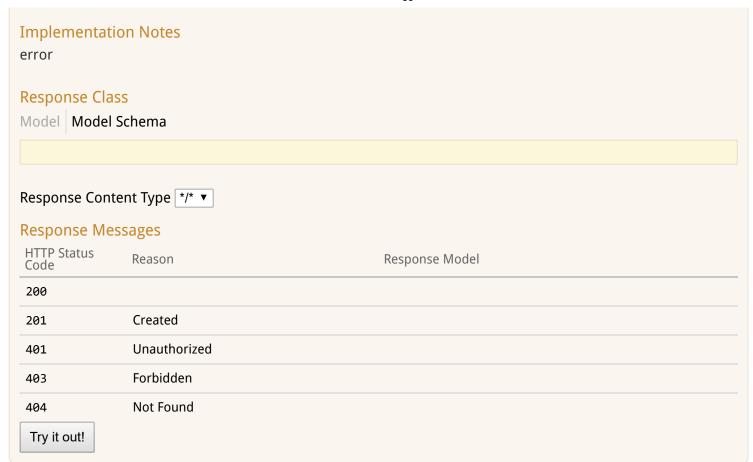
Try it out!

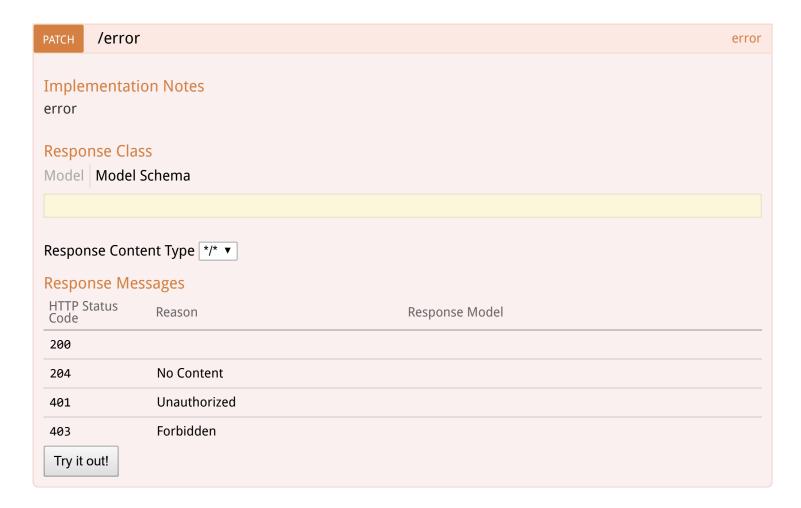
```
/error
Implementation Notes
errorHtml
Response Class
Model Model Schema
 {
    "view": {
     "contentType": ""
   },
   "model": "object",
    "viewName": "",
   "reference": false,
   "modelMap": {
     "empty": false
   },
    "omnty". falco
Response Content Type | text/html ▼
Response Messages
HTTP Status
Code
                 Reason
                                                        Response Model
200
                                                        Model Schema
                                                         {
                                                           "view": {
                                                             "contentType": ""
                                                           },
                                                           "model": "object",
                                                           "viewName": "",
                                                           "reference": false,
                                                           "modelMap": {
                                                             "empty": false
                                                           },
                                                           "empty": false
                 No Content
204
401
                 Unauthorized
403
                 Forbidden
 Try it out!
```

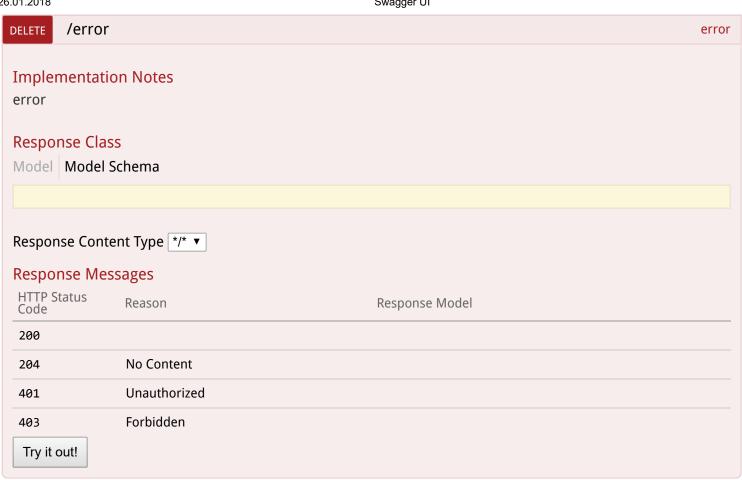
```
Implementation Notes
```

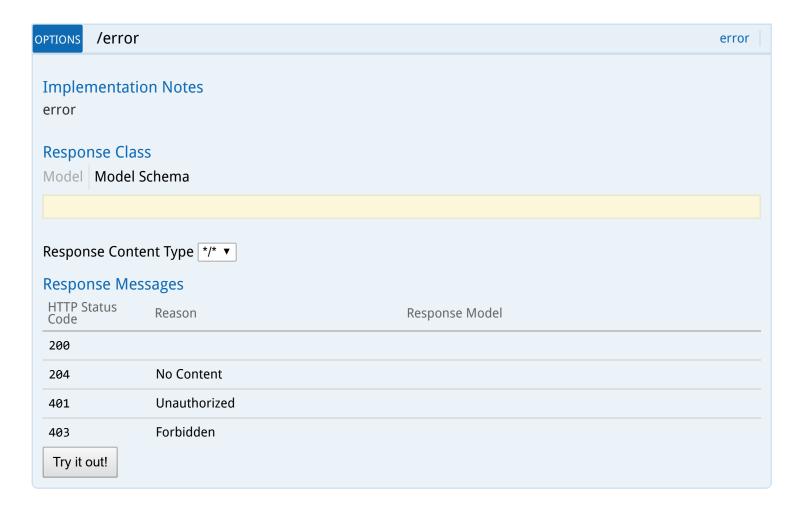












> /error error

#### **Implementation Notes**

error

#### **Response Class**

Model Model Schema

Response Content Type ▼/\* ▼

#### Response Messages

HTTP Status Code	Reason	Response Model
200		
204	No Content	
401	Unauthorized	
403	Forbidden	
Try it out!		

## devices-controller: Devices Controller

Show/Hide List Operations Expand Operations Raw

addNewDevice

**Implementation Notes** 

addNewDevice

**Response Class** 

string

POST

Response Content Type ▼/\* ▼

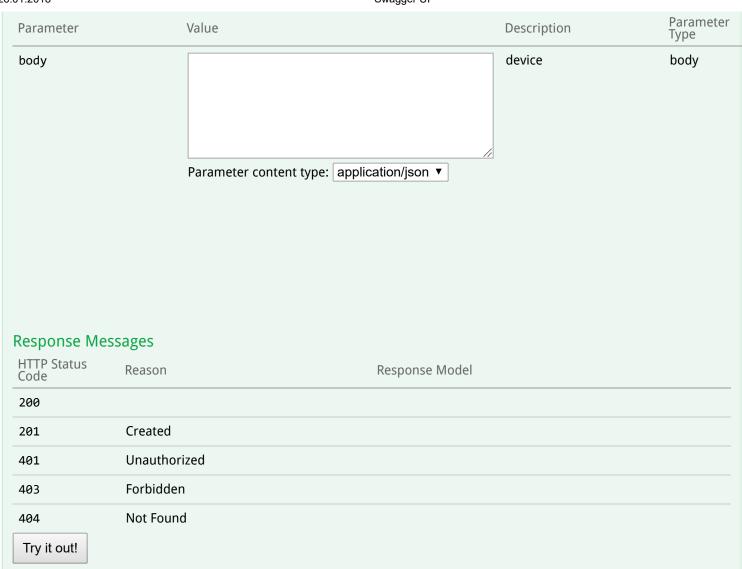
#### **Parameters**

Parameter Parameter Value Description Туре

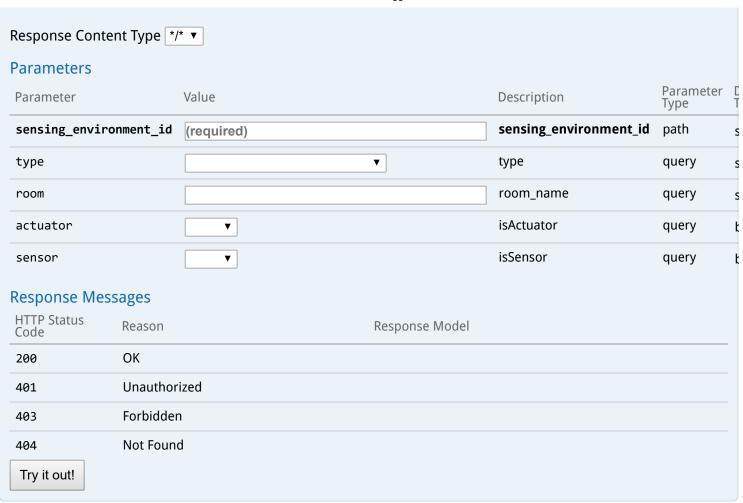
sensing\_environment\_id (required)

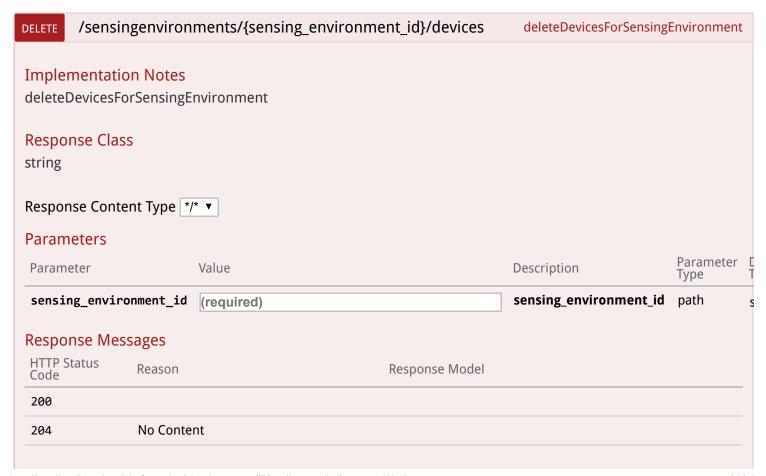
/sensingenvironments/{sensing\_environment\_id}/devices

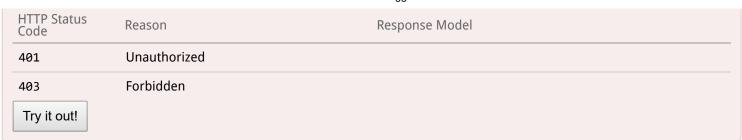
sensing\_environment\_id path

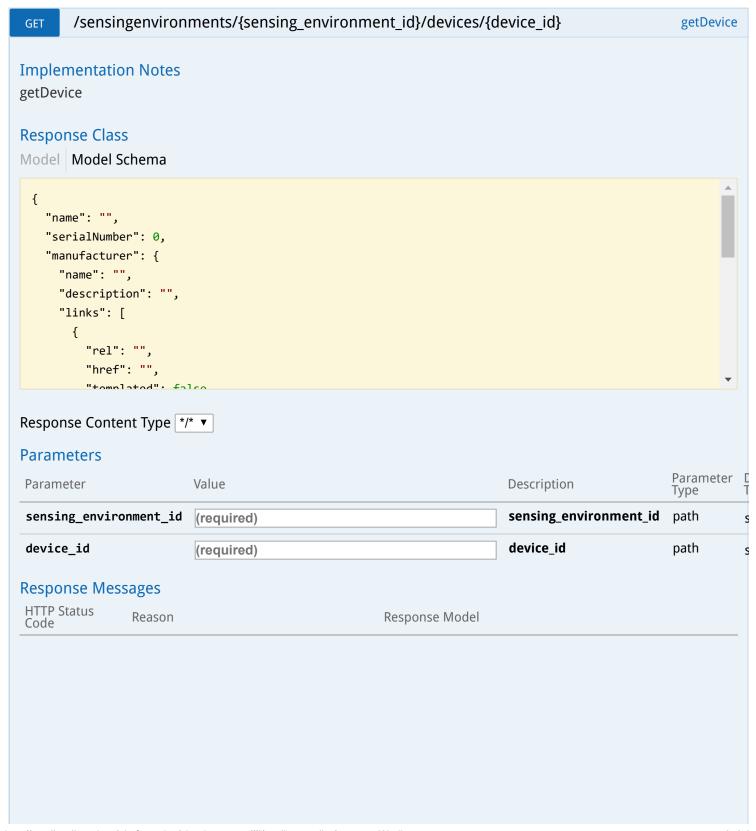


```
/sensingenvironments/{sensing_environment_id}/devices
                                                                                              getDevices
 GET
Implementation Notes
getDevices
Response Class
Model | Model Schema
 [
      "name": "",
      "serialNumber": 0,
      "manufacturer": {
       "name": "",
       "description": "",
       "links": [
         {
           "rel": "",
```

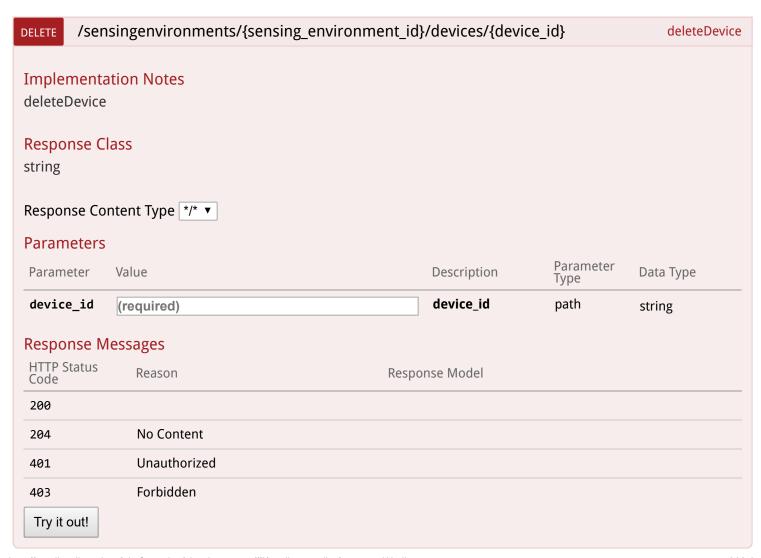


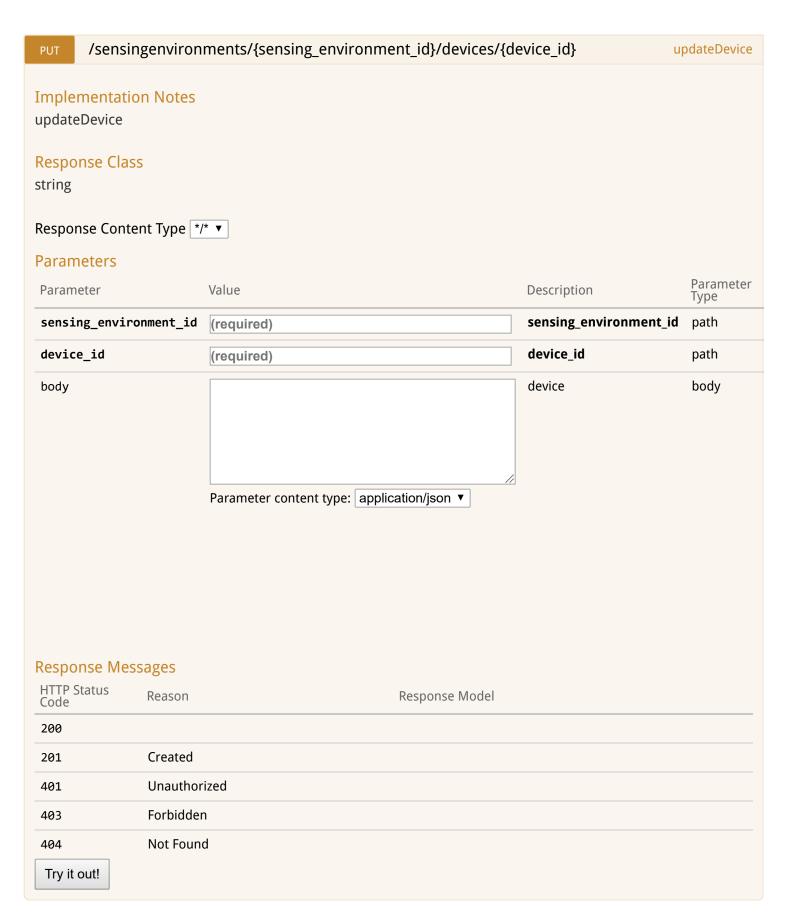






```
HTTP Status
                 Reason
                                                           Response Model
Code
                 OK
200
                                                           Model Model Schema
                                                               "name": "",
                                                               "serialNumber": 0,
                                                               "manufacturer": {
                                                                 "name": "",
                                                                 "description": "",
                                                                 "links": [
                                                                   {
                                                                     "rel": "",
                                                                     "href": "",
                                                                     "templated": false
                                                                   }
                 Unauthorized
401
                 Forbidden
403
                 Not Found
404
Try it out!
```

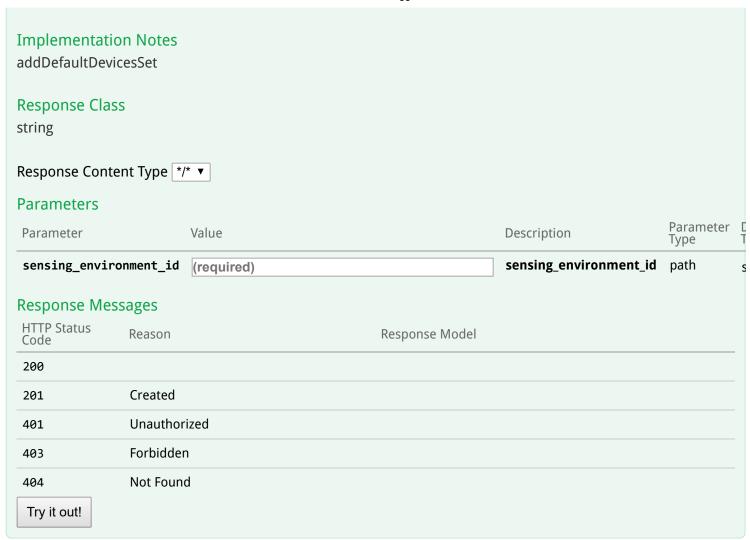




POST

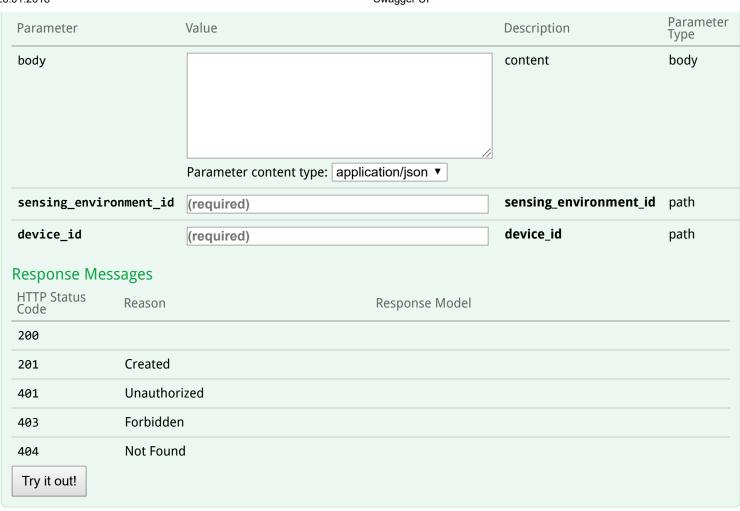
/sensingenvironments/{sensing\_environment\_id}/devices/defaultSet

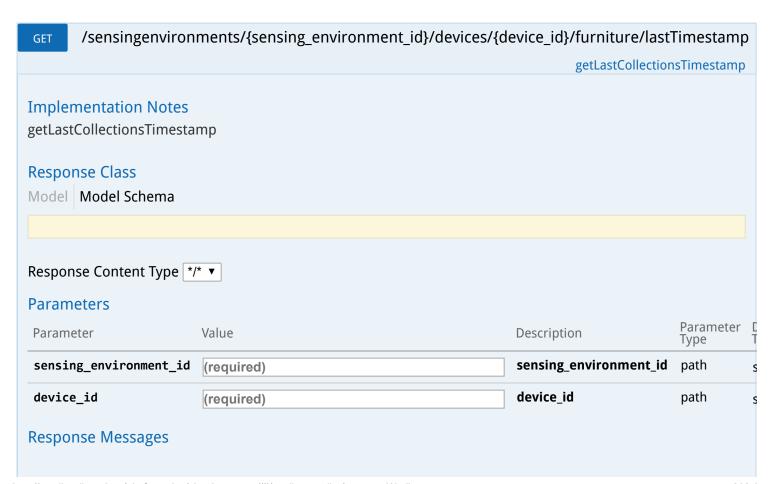
add De fault Devices Set



# mattress-pressure-sensing-controller: Mattress Pressure Sensing Controller

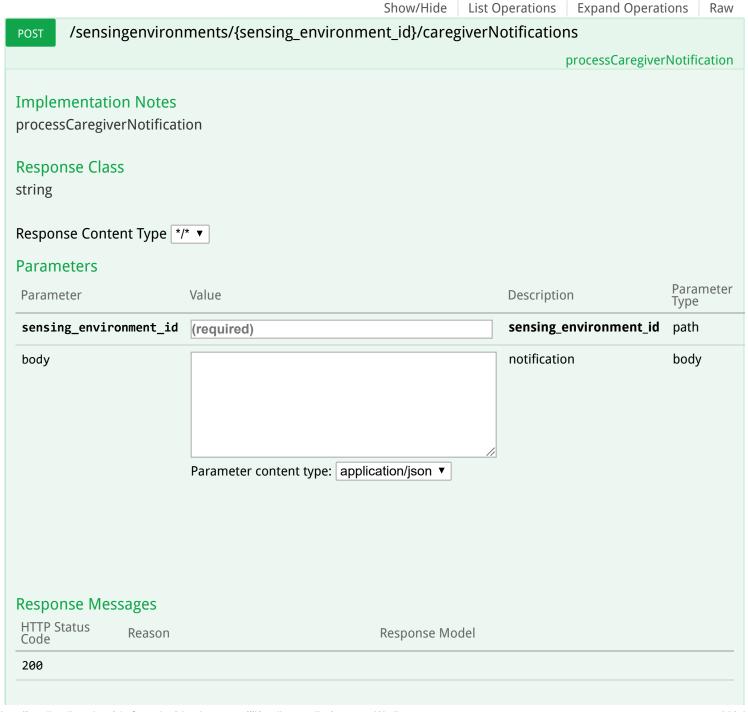




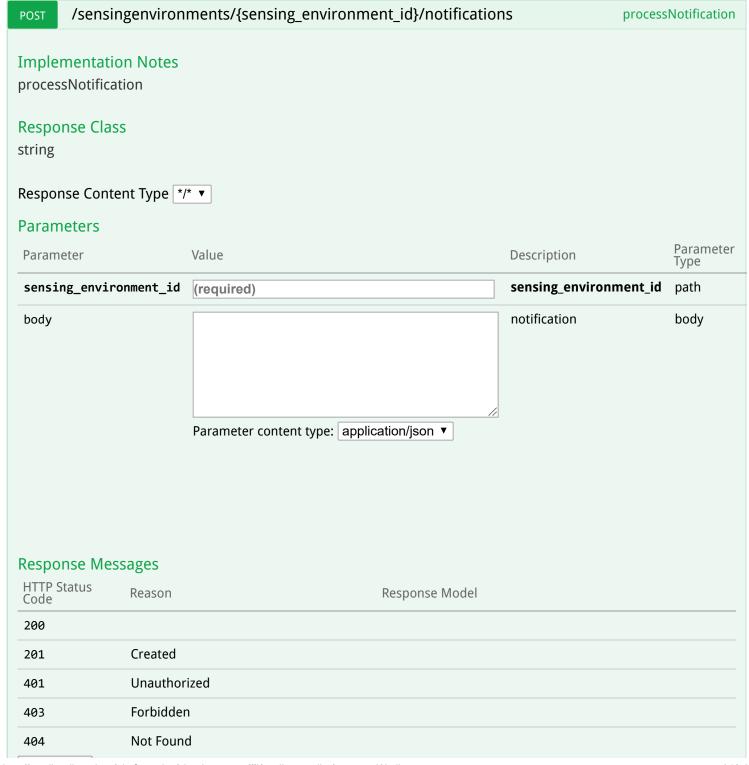


HTTP Status Code	Reason	Response Model
200	ОК	
401	Unauthorized	
403	Forbidden	
404 Try it out!	Not Found	

## notifications-controller: Notifications Controller

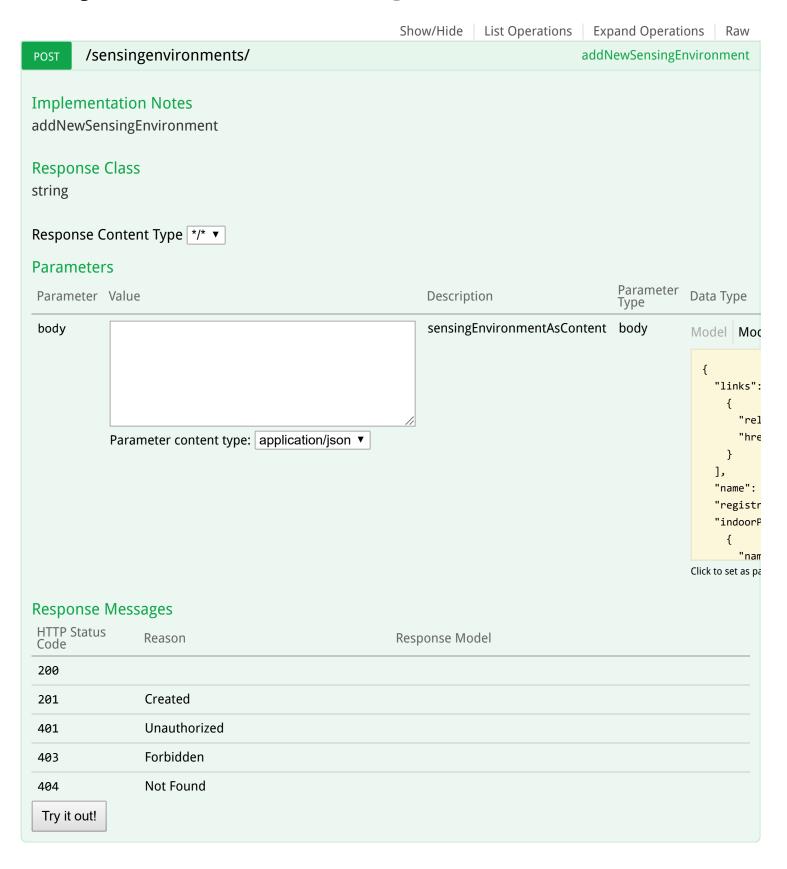


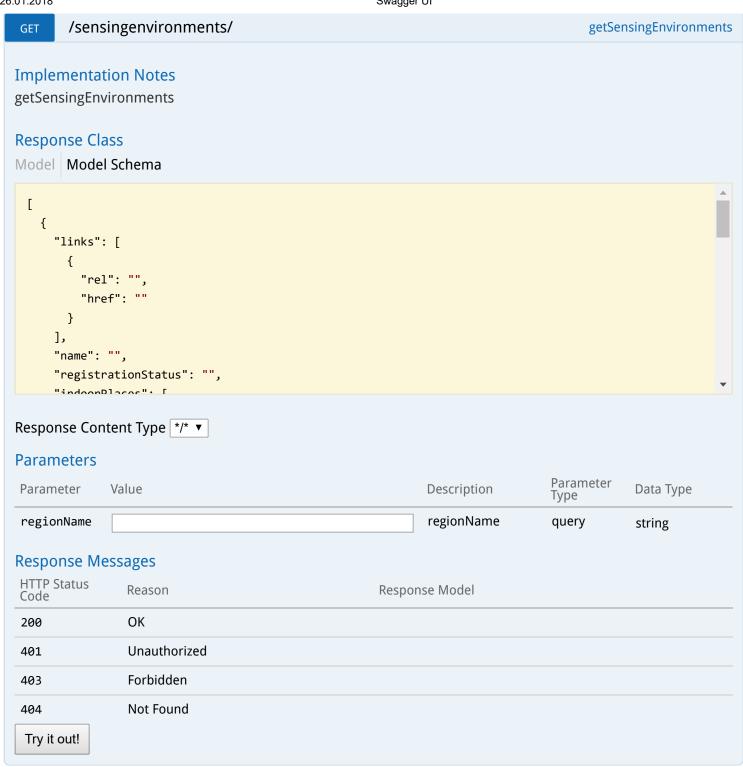
		55
HTTP Status Code	Reason	Response Model
201	Created	
401	Unauthorized	
403	Forbidden	
404	Not Found	
Try it out!		



Try it out!

# sensing-environments-controller: Sensing Environments Controller





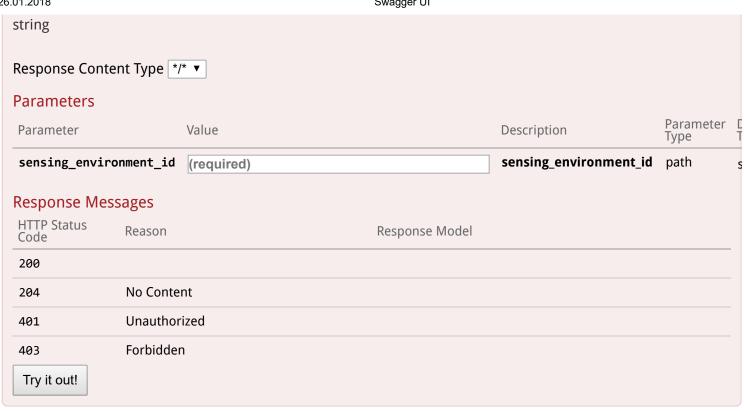
/sensingenvironments/{sensing\_environment\_id} getSensingEnvironment **Implementation Notes**  ${\sf getSensingEnvironment}$ **Response Class** Model Model Schema

```
{
    "links": [
      {
        "rel": "",
        "href": ""
      }
    ],
    "name": "",
    "registrationStatus": "",
    "indoorPlaces": [
Response Content Type */* ▼
Parameters
                                                                                                      Parameter
Parameter
                           Value
                                                                            Description
                                                                                                      Type
sensing_environment_id (required)
                                                                            sensing_environment_id
                                                                                                      path
Response Messages
HTTP Status
                 Reason
                                                         Response Model
Code
                 OK
200
                                                         Model | Model Schema
                                                             "links": [
                                                                "rel": "",
                                                                "href": "",
                                                                "templated": false
                                                              }
                                                            ],
                                                             "name": "",
                                                             "registrationStatus": "",
                                                             "indoorPlaces": [
                                                              {
                 Unauthorized
401
                 Forbidden
403
                 Not Found
404
 Try it out!
```

/sensingenvironments/{sensing\_environment\_id} deleteSensingEnvironmentWithAssociatedDevices

Implementation Notes
deleteSensingEnvironmentWithAssociatedDevices

Response Class

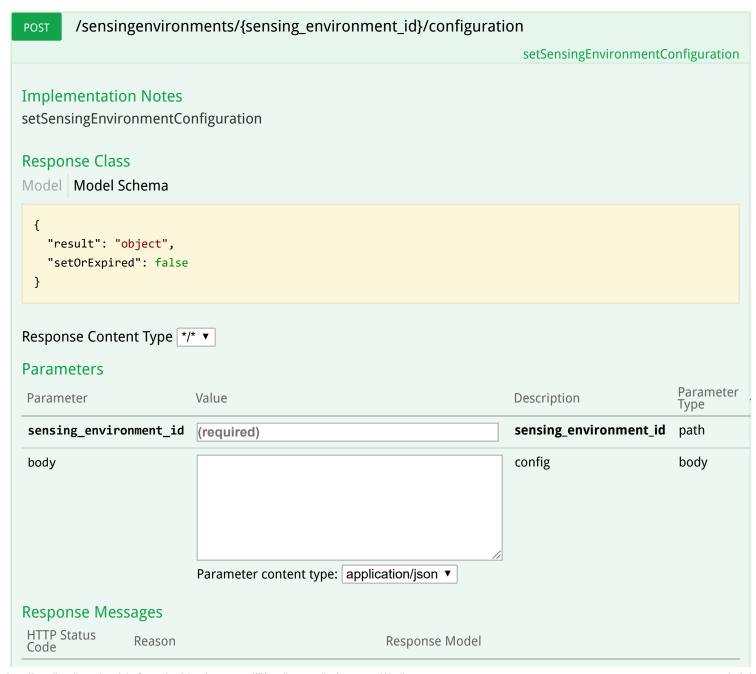


POST /sensingenviror	nments/{sensing_environment_id}	updateSensingEnviro	onment
Implementation Notes updateSensingEnvironme	nt		
Response Class string			
Response Content Type *	<i>/</i> * ▼		
Parameters			
Parameter	Value	Description	Parame Type
body		sensingEnvironmentAsContent	body
	Parameter content type: application/json ▼		

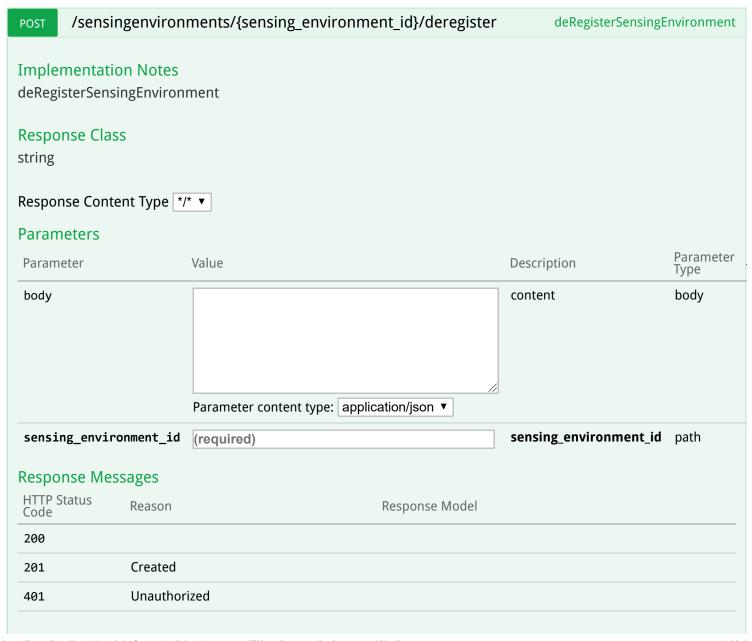
Parameter	Value		Description	Parame Type
sensing_envi	ronment_id (required)	sensing_environment_id	path	
Response Me	ssages			
HTTP Status Code	Reason	Response Model		
200				
201	Created			
401	Unauthorized			
403	Forbidden			
404	Not Found			
Try it out!				

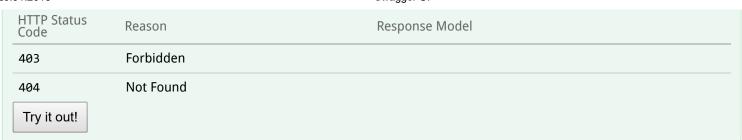
```
/sensingenvironments/{sensing_environment_id}/configuration
 GET
                                                                        getSensingEnvironmentConfiguration
Implementation Notes
get Sensing Environment Configuration\\
Response Class
Model Model Schema
   "result": "object",
    "setOrExpired": false
Response Content Type application/json ▼
Parameters
                                                                                               Parameter
                         Value
                                                                       Description
 Parameter
                                                                                               Type
 sensing_environment_id (required)
                                                                       sensing_environment_id path
Response Messages
 HTTP Status
                Reason
                                                     Response Model
 Code
```

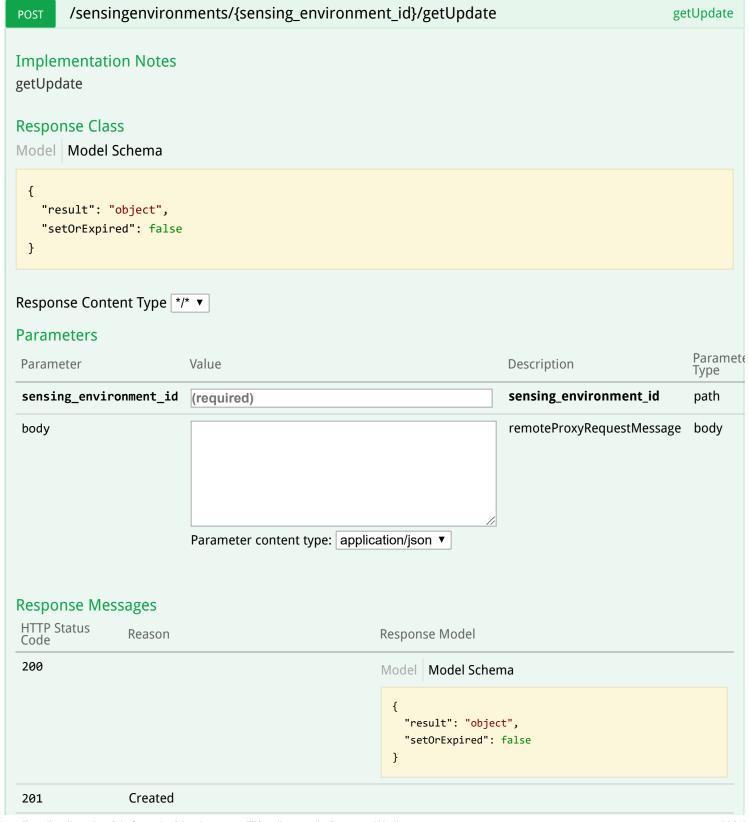
```
HTTP Status
                 Reason
                                                         Response Model
Code
                 OK
200
                                                         Model Model Schema
                                                             "result": "object",
                                                             "setOrExpired": false
401
                 Unauthorized
                 Forbidden
403
                 Not Found
404
Try it out!
```



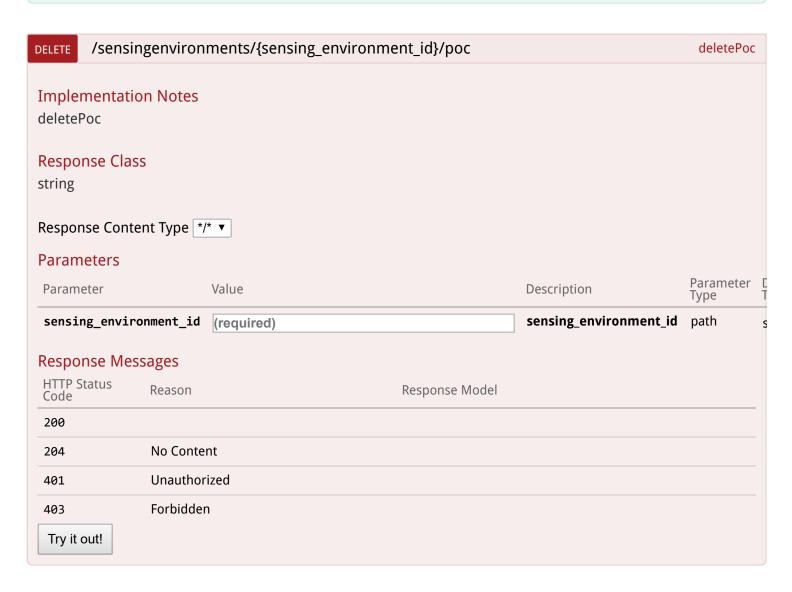
```
HTTP Status
                 Reason
                                                         Response Model
Code
200
                                                         Model Model Schema
                                                             "result": "object",
                                                             "setOrExpired": false
                 Created
201
                 Unauthorized
401
                 Forbidden
403
404
                 Not Found
Try it out!
```



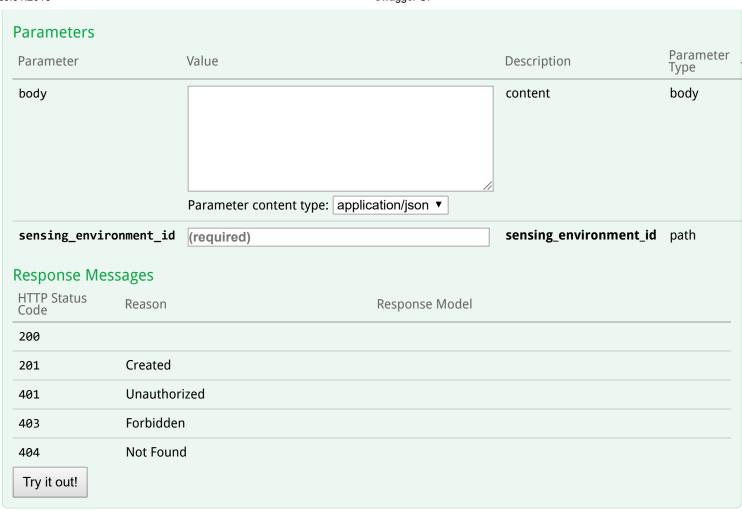




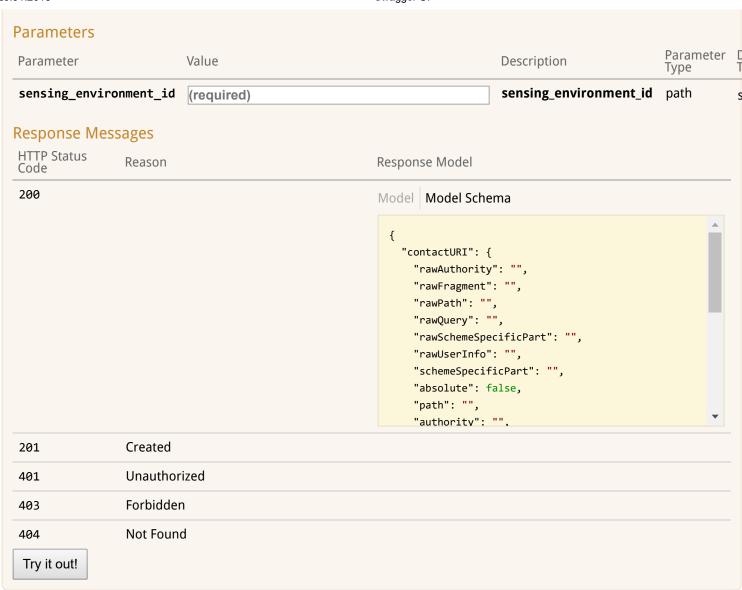
HTTP Status Code	Reason	Response Model
401	Unauthorized	
403	Forbidden	
404	Not Found	
Try it out!		



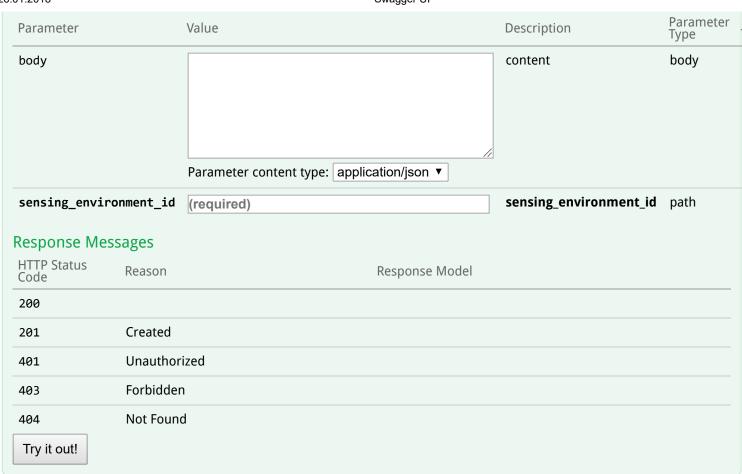


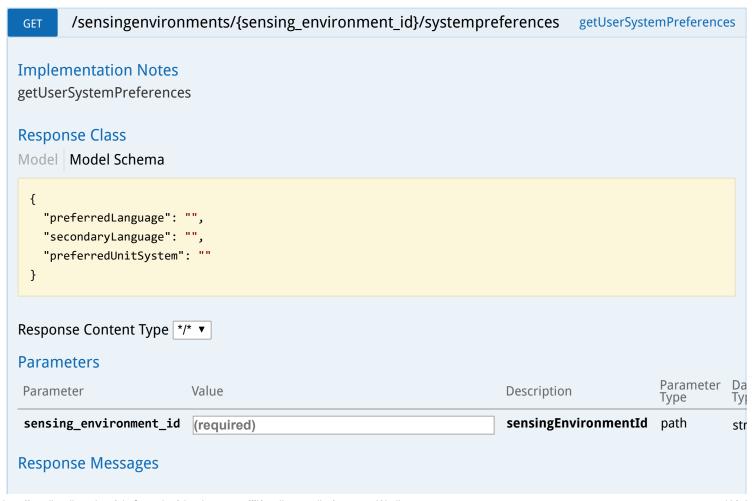


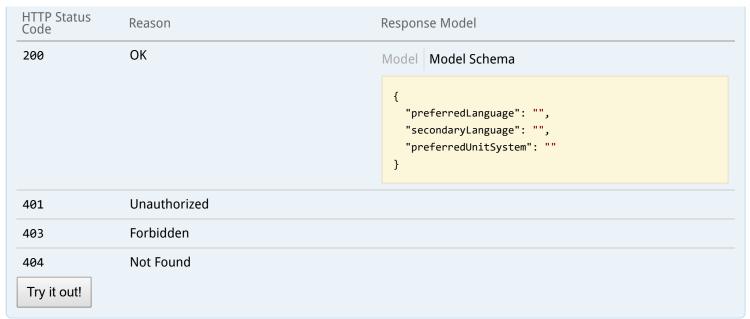




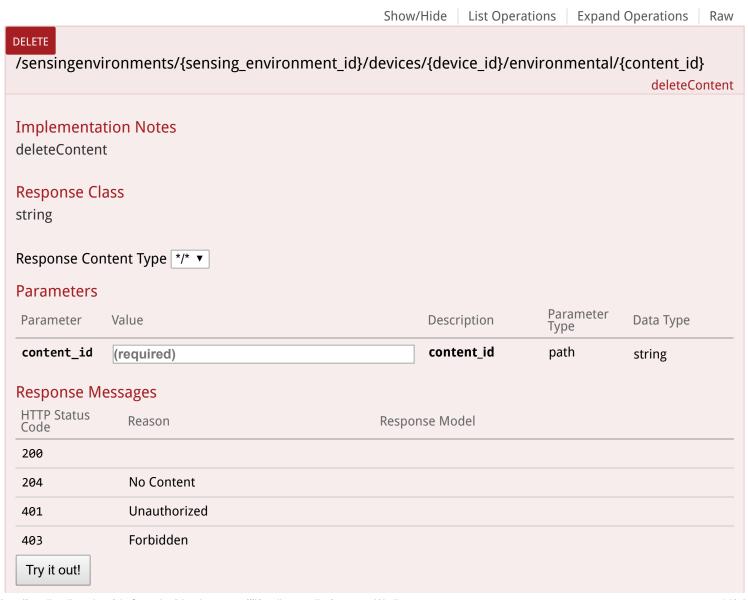








#### simple-measurements-controller: Simple Measurements Controller

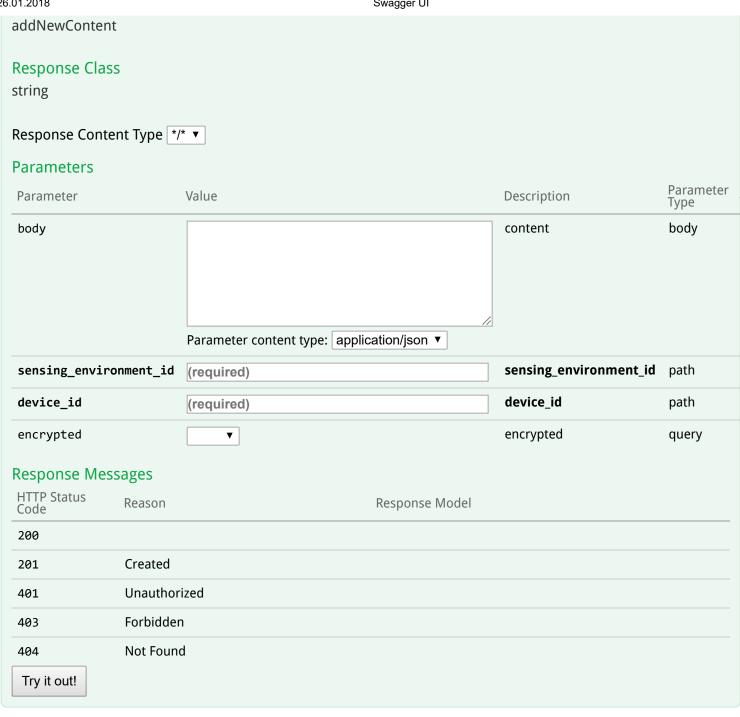


PUT /sensingenvironments/{sensing\_environment\_id}/devices/{device\_id}/environmental/{content\_id} updateContent **Implementation Notes** updateContent **Response Class** string Response Content Type | \*/\* ▼ **Parameters** Parameter Value Description Parameter Type body body content Parameter content type: | application/json ▼ sensing\_environment\_id sensing\_environment\_id path (required) device\_id device\_id path (required) content\_id content\_id path (required) Response Messages **HTTP Status** Response Model Reason Code 200 Created 201 Unauthorized 401 Forbidden 403 Not Found 404 Try it out!

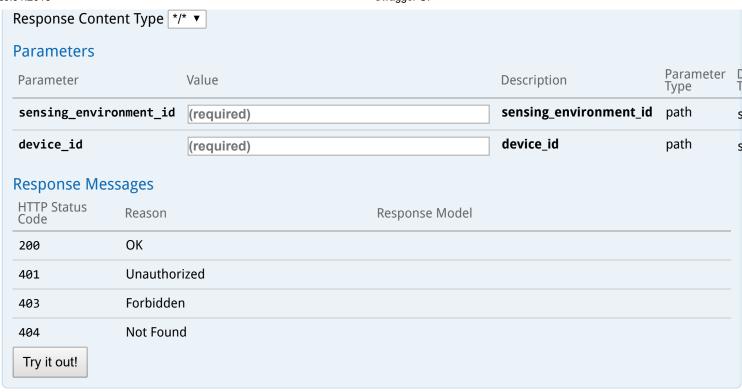
/sensingenvironments/{sensing\_environment\_id}/devices/{device\_id}/environmental/add

addNewContent

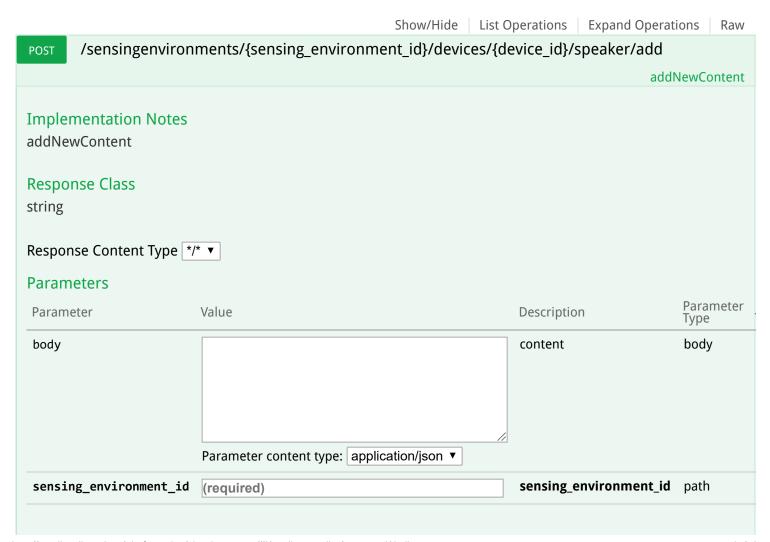
**Implementation Notes** 



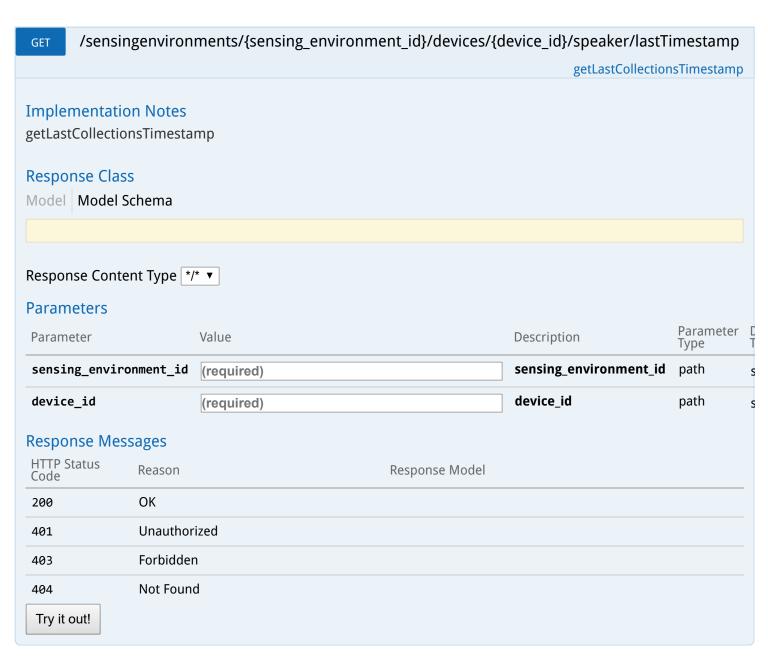
**GET** /sensingenvironments/{sensing\_environment\_id}/devices/{device\_id}/environmental/lastTimestamp getLastCollectionsTimestamp**Implementation Notes** getLastCollectionsTimestamp **Response Class** Model Model Schema



#### speaker-sensing-controller: Speaker Sensing Controller



Parameter	Value	De	escription	Parameter Type							
device_id	(required)	de	evice_id	path							
Response Messages											
HTTP Status Code	Reason	Response Model									
200											
201	Created										
401	Unauthorized										
403	Forbidden										
404	Not Found										
Try it out!											



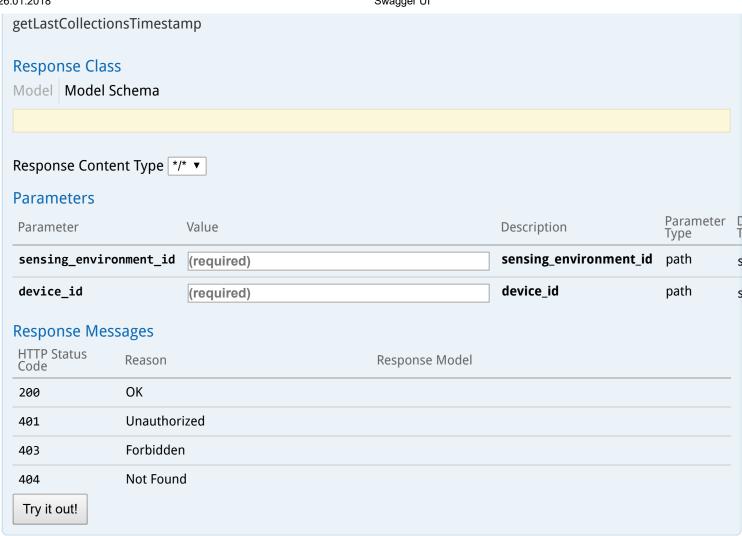
# visual-sensing-controller: Visual Sensing Controller

			Show/Hide	List Op	perations	Expand Operati	ons	Raw				
POST /sens	singenviron	ments/{sensing_environm	ent_id}/device	es/{de	vice_id}/\	/isual/add						
		addNewCo										
Implementar addNewConte												
Response Clastring	ass											
Response Content Type ▼/* ▼												
Parameters												
Parameter		Value			Descriptio	n	Param Type	eter				
body		Parameter content type: appl	ication/json ▼	//	content		body					
sensing_envi	ronment_id	(required)			sensing_e	environment_id	path					
device_id		(required)			device_id		path					
Response Me	essages											
HTTP Status Code	Reason		Response Mod	del								
200												
201	Created											
401	Unauthor	ized										
403	Forbidder	1										
404	Not Found	d										
Try it out!												

/sensingenvironments/{sensing\_environment\_id}/devices/{device\_id}/visual/lastTimestamp

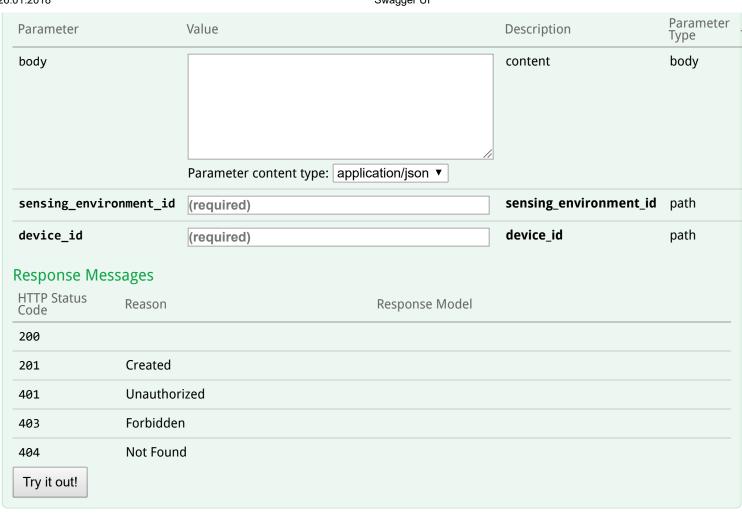
get Last Collections Time stamp

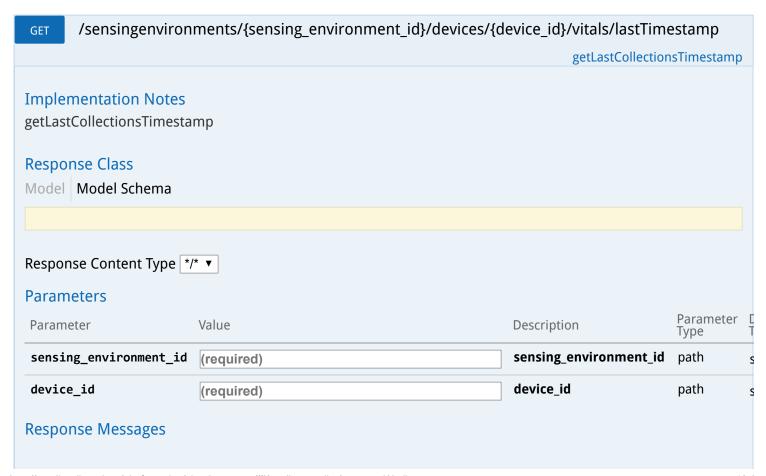
## **Implementation Notes**



## vitals-sensing-controller: Vitals Sensing Controller









# wadl-controller: Wadl Controller Show/Hide List Operations Expand Operations Raw /application.wadl generateWadl GET **Implementation Notes** generateWadl **Response Class** Model Model Schema { "doc": [ "content": [ "object" ], "title": "", "lang": "", "otherAttributes": [ Response Content Type application/xml ▼ **Response Messages HTTP Status** Response Model Reason Code



[ BASE URL: http://ewall.radio.pub.ro/platform-dev/cloud-gateway/api-docs , API VERSION: 1.0 ]