Table of Contents

System CRUD

Title	Retrieve System by UUID
Description	Retrieves a specific System using its unique systemID as identifier.
URL	/model_repository/v1/asset_management/system/{systemID}/id/
Method	GET
URL Params	{systemID} **Example:** /model_repository/v1/asset_management/system/a259ec0c-2b90-4200-8de2-a8b37ce81bed/id/
Data Params	none
Validations	The element {systemID} is required and must adhere to the UUID format. It must correspond to a System that has already been persisted to the database.

Success Response	**Code: 200 [OK]**
	Content:
	
	``
	{
	  "systemID": "UUID",
	  "name": "string",
	  "description": "string",
	  "location": {
	    "geoLocation": {
	      "latitude": "string",
	      "longitude": "string"
	    },
	    "virtualLocation": "string"
	  },
	  "organization": "string",
	  "additionalInformation": [
	            Any_data_structure
	  ],
	  "creationDate": "YYYY-MM-DDThh:mm:ss.sss",
	  "lastModifiedDate": "YYYY-MM-DDThh:mm:ss.sss"
	}
	``

Failure Response [1]	{
	  "httpCode": 404,
	  "httpText": "404 NOT_FOUND",
	  "message": "Failed to retrieve any System entities from the database with ID: '…'.",
	  "messageKey": "SYSTEM_NOT_FOUND_ID",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}

Failure Response [2]	{
	  "httpCode": 400,
	  "httpText": "400 BAD_REQUEST",
	  "message": "The identifier must adhere to the UUID format.",
	  "messageKey": "IDENTIFIER_NOT_UUID",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}

Failure Response [3]	{
	  "httpCode": 400,
	  "httpText": "400 BAD_REQUEST",
	  "message": "An identifier is required to perform this operation.",
	  "messageKey": "IDENTIFIER_MISSING",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}

Failure Response [4]	{
	  "httpCode": 500,
	  "httpText": "500 INTERNAL_SERVER_ERROR",
	  "message": "Internal Server Error.",
	  "messageKey": "INTERNAL_SERVER_ERROR",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}

Sample Call [1]	```javascript
	var settings = {
	 "url":
	"http://localhost:8087/model_repository/v1/asset_management/system/1de4d55b-7ae9-4b2c-850c-5d3e6fcf59e6/id/",
	 "method": "GET",
	 "timeout": 0,
	};
	
	$.ajax(settings).done(function (response) {
	 console.log(response);
	});
	``

Sample Call [2]	``` curl --location --request GET 'http://localhost:8087/model_repository/v1/asset_management/system/1de4d55b-7ae9-4b2c-850c-5d3e6fcf59e6/id/' ```

Glossary	System	An Internet-Of-Things System monitored for a variety of purposes.
	systemID	System-defined unique identifier of the System.
	name	A human readable name for the System.
	description	Textual description for the System.
	location	Location of the System, both geographical and virtual.
	location.geoLocation	Specifies a physical location (a pair of coordinates).
	location.geoLocation.latitude	The latitude part of the location coordinates.
	location.geoLocation.longtitude	The longitude part of the location coordinates.
	location.virtualLocation	Specifies a virtual location (it could be the ID of a resource or subsystem).
	organization	Organization affiliated to the System.
	additionalInformation	Additional notes on the System of any kind.
	createdDate	Creation timestamp of the persisted entity.
	lastModifiedDate	Latest update timestamp of the persisted entity.

Title	Retrieve System by Name
Description	Retrieves a specific System using its unique name as identifier.
URL	/model_repository/v1/asset_management/system/{name}/id/
Method	GET
URL Params	{name} **Example:** /model_repository/v1/asset_management/system/Phygital Centrifuge 4.0/name/
Data Params	none
Validations	The element {name} is required. It must correspond to a System that has already been persisted to the database.

Success Response	**Code: 200 [OK]**
	Content:
	
	{
	  "systemID": "UUID",
	  "name": "string",
	  "description": "string",
	  "location": {
	    "geoLocation": {
	      "latitude": "string",
	      "longitude": "string"
	    },
	    "virtualLocation": "string"
	  },
	  "organization": "string",
	  "additionalInformation": [
	         Any_data_structure
	  ],
	  "creationDate": "YYYY-MM-DDThh:mm:ss.sss",
	  "lastModifiedDate": "YYYY-MM-DDThh:mm:ss.sss"
	}

Failure Response [1]	{
	  "httpCode": 404,
	  "httpText": "404 NOT_FOUND",
	  "message": "Failed to retrieve any System entities from the database with Name: '…'.",
	  "messageKey": "SYSTEM_NOT_FOUND_NAME",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}

| Failure Response [2] | ```json
{
  "httpCode": 400,
  "httpText": "400 BAD_REQUEST",
  "message": "An identifier is required to perform this operation.",
  "messageKey": "IDENTIFIER_MISSING",
  "href": null,
  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
}
``` |
|---|---|
| Failure Response [3] | ```json
{
  "httpCode": 500,
  "httpText": "500 INTERNAL_SERVER_ERROR",
  "message": "Internal Server Error.",
  "messageKey": "ERROR_ON_RETRIEVAL_NAME",
  "href": null,
  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
}
``` |
| Sample Call [1] | ```javascript
var settings = {
 "url": "http://localhost:8087/model_repository/v1/asset_management/
        system/Phygital Centrifuge 4.0/name/",
 "method": "GET",
 "timeout": 0,
};

$.ajax(settings).done(function (response) {
  console.log(response);
});
``` |
| Sample Call [2] | ```
curl --location --request GET
'http://localhost:8087/model_repository/v1/asset_management/system/Phygital
Centrifuge 4.0/name/'
``` |

Glossary		
	System	An Internet-Of-Things System monitored for a variety of purposes.
	systemID	System-defined unique identifier of the System.
	name	A human readable name for the System.
	description	Textual description for the System.
	location	Location of the System, both geographical and virtual.
	location.geoLocation	Specifies a physical location (a pair of coordinates).
	location.geoLocation.latitude	The latitude part of the location coordinates.
	location.geoLocation.longtitude	The longitude part of the location coordinates.
	location.virtualLocation	Specifies a virtual location (it could be the ID of a resource or subsystem).
	organization	Organization affiliated to the System.
	additionalInformation	Additional notes on the System of any kind.
	createdDate	Creation timestamp of the persisted entity.

	lastModifiedDate	Latest update timestamp of the persisted entity.

Title	Retrieve all Systems
Description	Retrieves all System entities that have ever been persisted, paginated.
URL	/model_repository/v1/asset_management/system/
Method	GET
URL Params	{page} The page to retrieve. Default is 0. Starts from 0. {size} The number of Systems included in a page. Default is 10. **Example:** /model_repository/v1/asset_management/system/?page=0&size=8
Data Params	None
Response Headers	application/json
| Success Response | **Code: 200 [OK]**<br>**Content:**<br><br>```json
[
  {
    "systemID": "UUID",
    "name": "string",
    "description": "string",
    "location": {
      "geoLocation": {
        "latitude": "string",
        "longitude": "string"
      },
      "virtualLocation": "string"
    },
    "organization": "string",
    "additionalInformation": [
                Any_data_structure
    ],
    "creationDate": "YYYY-MM-DDThh:mm:ss.sss",
    "lastModifiedDate": "YYYY-MM-DDThh:mm:ss.sss"
  }
]
``` |
| **Failure Response [1]** | ```json
{
  "httpCode": 404,
  "httpText": "404 NOT_FOUND",
  "message": "Failed to retrieve any System entities because page limit has been
                exceeded. Total Pages: …..",
  "messageKey": "EXCEEDED_PAGE_LIMIT",
  "href": null,
  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
}
``` |

| Failure Response [2] | ```json
{
  "httpCode": 404,
  "httpText": "404 NOT_FOUND",
  "message": "Failed to retrieve any System entities from the database.",
  "messageKey": "NO_SYSTEMS_FOUND",
  "href": null,
  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
}
``` |
|---|---|
| Failure Response [3] | ```json
{
  "httpCode": 500,
  "httpText": "500 INTERNAL_SERVER_ERROR",
  "message": "Internal Server Error.",
  "messageKey": "ERROR_ON_RETRIEVAL_MANY",
  "href": null,
  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
}
``` |
| Sample Call [1] | ```
var settings = {
 "url":
"http://localhost:8087/model_repository/v1/asset_management/system/?page=0&size=8",
 "method": "GET",
 "timeout": 0,
};

$.ajax(settings).done(function (response) {
 console.log(response);
});
``` |
| Sample Call [2] | ```
curl --location --request GET
'http://localhost:8087/model_repository/v1/asset_management/system/?page=0&size=8'
``` |
Glossary		

	System	An Internet-Of-Things System monitored for a variety of purposes.
	systemID	System-defined unique identifier of the System.
	name	A human readable name for the System.
	description	Textual description for the System.
	location	Location of the System, both geographical and virtual.
	location.geoLocation	Specifies a physical location (a pair of coordinates).
	location.geoLocation.latitude	The latitude part of the location coordinates.
	location.geoLocation.longtitude	The longitude part of the location coordinates.
	location.virtualLocation	Specifies a virtual location (it could be the ID of a resource or subsystem).
	organization	Organization affiliated to the System.
	additionalInformation	Additional notes on the System of any kind.

	createdDate	Creation timestamp of the persisted entity.
	lastModifiedDate	Latest update timestamp of the persisted entity.

Title	Create new System
Description	Persists a new System.
URL	/model_repository/v1/asset_management/system/
Method	POST
URL Params	None

Data Params	<pre>{
	  "name": "string",
	  "description": "string",
	  "location": {
	    "geoLocation": {
	      "latitude": "string",
	      "longitude": "string"
	    },
	    "virtualLocation": "string"
	  },
	  "organization": "string",
	  "additionalInformation": [
	          Any_data_structure
	  ]
	}</pre>

Validations	The element {name} is required. It cannot already be used by another System. The element {description} is required. If a location is present, either a {geoLocation} (both coordinates) or a {virtualLocation} must be defined.
Response Headers	application/json

Success Response	**Code: 201 [CREATED]**
	Content:
	
	<pre>{
	  "systemID": "UUID",
	  "name": "string",
	  "description": "string",
	  "location": {
	    "geoLocation": {
	      "latitude": "string",
	      "longitude": "string"
	    },
	    "virtualLocation": "string"
	  },
	  "organization": "string",
	  "additionalInformation": [
	          Any_data_structure</pre>

	],
	  "creationDate": "YYYY-MM-DDThh:mm:ss.sss",
	  "lastModifiedDate": "YYYY-MM-DDThh:mm:ss.sss"
	}

Failure Response [1]	{
	
	  "httpCode": 409,
	  "httpText": "409 CONFLICT",
	  "message": "There is already another System with the same Name and ID: '……'.",
	  "messageKey": "DUPLICATE_SYSTEM",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}

Failure Response [2]	{
	
	  "httpCode": 400,
	  "httpText": "400 BAD_REQUEST",
	  "message": "A System may be provided either with a pair of coordinates
	              or a virtual location.",
	  "messageKey": "INVALID_LOCATION_STRUCTURE",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}

Failure Response [3]	{
	
	  "httpCode": 400,
	  "httpText": "400 BAD_REQUEST",
	  "message": "Request contains one or more mandatory fields that are null.
	              Operation aborted. Field(s): [………]",
	  "messageKey": "MANDATORY_FIELDS_MISSING",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}

Failure Response [4]	{
	
	  "httpCode": 400,
	  "httpText": "400 BAD_REQUEST",
	  "errorMessage": "Required request body is missing: ... ",
	  "errorMessageKey": "HTTP_MESSAGE_NOT_READABLE",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}

Failure Response [5]	{
	
	  "httpCode": 400,
	  "httpText": "400 BAD_REQUEST",
	  "errorMessage": "JSON parse error: ... ",
	  "errorMessageKey": "HTTP_MESSAGE_NOT_READABLE",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}

Failure Response [6]	`{`
	`  "httpCode": 500,`
	`  "httpText": "500 INTERNAL_SERVER_ERROR",`
	`  "errorMessage": "Internal Server Error.",`
	`  "errorMessageKey": "ERROR_ON_CREATION",`
	`  "href": null,`
	`  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"`
	`}`

Sample Call [1]	<pre>var settings = {
	 "url": "http://localhost:8087/model_repository/v1/asset_management/system/",
	 "method": "POST",
	 "timeout": 0,
	 "headers": {
	  "Content-Type": "application/json"
	 },
	 "data": JSON.stringify({
	  "name": "Phygital Centrifuge 4.0",
	  "description": "A cyberphysical system revolving
	around an automatic disc centrifuge.",
	   "location": {
	    "geoLocation": {
	     "latitude": 52.15425526446103,
	     "longitude": 9.95084586033136
	    },
	    "virtualLocation": ""
	   },
	   "organization": "ACME Explosives",
	   "additionalInformation": [
	    {
	     "manufacturer": "SpinningTop Inc.",
	     "latest_service": "2022-09-01T12:00:00.020"
	    }
	   ]
	  }),
	};
	
	$.ajax(settings).done(function (response) {
	  console.log(response);
	});</pre>

Sample Call [2]	<pre>curl --location --request POST
	'http://localhost:8087/model_repository/v1/asset_management/system/' \
	--header 'Content-Type: application/json' \
	--data-raw '{
	   "name": "Phygital Centrifuge 4.0",
	   "description": "A cyberphysical system revolving
	around an automatic disc centrifuge.",
	   "location": {
	     "geoLocation": {
	       "latitude": 52.15425526446103,
	       "longitude": 9.95084586033136
	     },</pre>

```
      "virtualLocation": ""
    },
    "organization": "ACME Explosives",
    "additionalInformation": [
      {
        "manufacturer": "SpinningTop Inc.",
        "latest_service": "2022-09-01T12:00:00.020"
      }
    ]
}'
```

Glossary	System	An Internet-Of-Things System monitored for a variety of purposes.
	systemID	System-defined unique identifier of the System.
	name	A human readable name for the System.
	description	Textual description for the System.
	location	Location of the System, both geographical and virtual.
	location.geoLocation	Specifies a physical location (a pair of coordinates).
	location.geoLocation.latitude	The latitude part of the location coordinates.
	location.geoLocation.longtitude	The longitude part of the location coordinates.
	location.virtualLocation	Specifies a virtual location (it could be the ID of a resource or subsystem).
	organization	Organization affiliated to the System.
	additionalInformation	Additional notes on the System of any kind.
	createdDate	Creation timestamp of the persisted entity.
	lastModifiedDate	Latest update timestamp of the persisted entity.

Title	Update System by UUID
Description	Updates with changes a specific System using its unique systemID as identifier.
URL	/model_repository/v1/asset_management/system/{systemID}/id/
Method	PUT
URL Params	{systemID} **Example:** /model_repository/v1/asset_management/system/a259ec0c-2b90-4200-8de2-a8b37ce81bed/id/
Data Params	```{
"name": "string",
"description": "string",
"location": {
"geoLocation": {
"latitude": "string",
"longitude": "string"
},
"virtualLocation": "string"
},
"organization": "string",
"additionalInformation": [
Any_data_structure
]
}```
Validations	The element {systemID} is required and must adhere to the UUID format. It must correspond to a System that has already been persisted to the database. The element {name} cannot be updated as it is considered an identifier. Providing a value will not produce an error but will be ignored. The element {description} is required. If a location is present, either a {geoLocation} (pair of coordinates) or a {virtualLocation} must be defined.
Response Headers	application/json
Success Response	**Code: 200 [OK]** **Content:** ```{
"systemID": "UUID",
"name": "string",
"description": "string",
"location": {
"geoLocation": {
"latitude": "string",
"longitude": "string"
},```

	`    "virtualLocation": "string"`
	`  },`
	`  "organization": "string",`
	`  "additionalInformation": [`
	`              Any_data_structure`
	`  ],`
	`  "creationDate": "YYYY-MM-DDThh:mm:ss.sss",`
	`  "lastModifiedDate": "YYYY-MM-DDThh:mm:ss.sss"`
	`}`

Failure Response [1]	`{`
	`  "httpCode": 404,`
	`  "httpText": "404 NOT_FOUND",`
	`  "message": "Failed to retrieve any System entities from the database with ID: '…'.",`
	`  "messageKey": "SYSTEM_NOT_FOUND_ID",`
	`  "href": null,`
	`  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"`
	`}`

Failure Response [2]	`{`
	`  "httpCode": 409,`
	`  "httpText": "409 CONFLICT",`
	`  "message": "There is already another System with the same Name and ID: '…..'.",`
	`  "messageKey": "DUPLICATE_SYSTEM",`
	`  "href": null,`
	`  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"`
	`}`

Failure Response [3]	`{`
	`  "httpCode": 400,`
	`  "httpText": "400 BAD_REQUEST",`
	`  "message": "An identifier is required to perform this operation.",`
	`  "messageKey": "IDENTIFIER_MISSING",`
	`  "href": null,`
	`  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"`
	`}`

Failure Response [4]	`{`
	`  "httpCode": 400,`
	`  "httpText": "400 BAD_REQUEST",`
	`  "message": "The identifier must adhere to the UUID format.",`
	`  "messageKey": "IDENTIFIER_NOT_UUID",`
	`  "href": null,`
	`  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"`
	`}`

Failure Response [5]	```
	{
	  "httpCode": 400,
	  "httpText": "400 BAD_REQUEST",
	  "message": "Request contains one or more mandatory fields that
	              are null. Operation aborted. Field(s): [name, description]",
	  "messageKey": "MANDATORY_FIELDS_MISSING",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}
	``

Failure Response [6]	```
	{
	  "httpCode": 400,
	  "httpText": "400 BAD_REQUEST",
	  "message": "A System may be provided either with a pair of coordinates
	              or a virtual location.",
	  "messageKey": "INVALID_LOCATION_STRUCTURE",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}
	``

Failure Response [7]	```
	{
	  "httpCode": 400,
	  "httpText": "400 BAD_REQUEST",
	  "errorMessage": "Required request body is missing: ... ",
	  "errorMessageKey": "HTTP_MESSAGE_NOT_READABLE",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}
	``

Failure Response [8]	```
	{
	  "httpCode": 400,
	  "httpText": "400 BAD_REQUEST",
	  "errorMessage": "JSON parse error: ... ",
	  "errorMessageKey": "HTTP_MESSAGE_NOT_READABLE",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}
	``

Failure Response [9]	```
	{
	  "httpCode": 500,
	  "httpText": "500 INTERNAL_SERVER_ERROR",
	  "errorMessage": "Internal Server Error.",
	  "errorMessageKey": "ERROR_ON_UPDATE",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}
	``

Sample Call [1]	```
	var settings = {
	 "url":
	"http://localhost:8087/model_repository/v1/asset_management/system/1de4d55b-
	7ae9-4b2c-850c-5d3e6fcf59e6/id/",
	 "method": "PUT",
	 "timeout": 0,
	 "headers": {
	  "Content-Type": "application/json"
	 },
	``

| | ```
  "data": JSON.stringify({
    "name": "Phygital Centrifuge 4.0",
    "description": "A cyberphysical system revolving around an automatic disc centrifuge.",
    "location": {
      "geoLocation": {
        "latitude": 52.15425526446103,
        "longitude": 9.95084586033136
      },
      "virtualLocation": ""
    },
    "organization": "ACME Explosives",
    "additionalInformation": [
      {
        "manufacturer": "SpinningTop Inc.",
        "latest_service": "2022-09-01T12:00:00.020"
      }
    ]
  }),
};

$.ajax(settings).done(function (response) {
  console.log(response);
});
``` |
| **Sample Call [2]** | ```
curl --location --request PUT
'http://localhost:8087/model_repository/v1/asset_management/system/1de4d55b-
7ae9-4b2c-850c-5d3e6fcf59e6/id/' \
--header 'Content-Type: application/json' \
--data-raw '{
    "name": "Phygital Centrifuge 4.0",
    "description": "A cyberphysical system revolving around an automatic disc centrifuge.",
    "location": {
        "geoLocation": {
            "latitude": 52.15425526446103,
            "longitude": 9.95084586033136
        },
        "virtualLocation": ""
    },
    "organization": "ACME Explosives",
    "additionalInformation": [
        {
            "manufacturer": "SpinningTop Inc.",
            "latest_service": "2022-09-01T12:00:00.020"
        }
    ]
}'
``` |

Glossary		
	System	An Internet-Of-Things System monitored for a variety of purposes.
	systemID	System-defined unique identifier of the System.
	name	A human readable name for the System.

	description	Textual description for the System.
	location	Location of the System, both geographical and virtual.
	location.geoLocation	Specifies a physical location (a pair of coordinates).
	location.geoLocation.latitude	The latitude part of the location coordinates.
	location.geoLocation.longtitude	The longitude part of the location coordinates.
	location.virtualLocation	Specifies a virtual location (it could be the ID of a resource or subsystem).
	organization	Organization affiliated to the System.
	additionalInformation	Additional notes on the System of any kind.
	createdDate	Creation timestamp of the persisted entity.
	lastModifiedDate	Latest update timestamp of the persisted entity.

Title	Delete System by UUID
Description	Deletes a specific System using its unique systemID as identifier.
URL	/model_repository/v1/asset_management/system/{systemID}/id/
Method	DELETE
URL Params	{systemID} **Example:** /model_repository/v1/asset_management/system/a259ec0c-2b90-4200-8de2-a8b37ce81bed/id/
Data Params	none
Validations	The element {systemID} is required and must adhere to the UUID format. It must correspond to a System that has already been persisted to the database.

Success Response	**Code: 200 [OK]**
	Content:
	
	{
	  "systemID": "UUID",
	  "name": "string",
	  "description": "string",
	  "location": {
	    "geoLocation": {
	      "latitude": "string",
	      "longitude": "string"
	    },
	    "virtualLocation": "string"
	  },
	  "organization": "string",
	  "additionalInformation": [
	         Any_data_structure
	  ],
	  "creationDate": "YYYY-MM-DDThh:mm:ss.sss",
	  "lastModifiedDate": "YYYY-MM-DDThh:mm:ss.sss"
	}

Failure Response [1]	{
	  "httpCode": 404,
	  "httpText": "404 NOT_FOUND",
	  "message": "Failed to retrieve any System entities from the database with ID: '......'.",
	  "messageKey": "SYSTEM_NOT_FOUND_ID",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}

Failure Response [2]	<pre>{
	  "httpCode": 400,
	  "httpText": "400 BAD_REQUEST",
	  "message": "The identifier must adhere to the UUID format.",
	  "messageKey": "IDENTIFIER_NOT_UUID",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}</pre>

Failure Response [3]	<pre>{
	  "httpCode": 400,
	  "httpText": "400 BAD_REQUEST",
	  "message": "An identifier is required to perform this operation.",
	  "messageKey": "IDENTIFIER_MISSING",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}</pre>

Failure Response [4]	<pre>{
	  "httpCode": 500,
	  "httpText": "500 INTERNAL_SERVER_ERROR",
	  "message": "Internal Server Error.",
	  "messageKey": "ERROR_ON_DELETION_ID",
	  "href": null,
	  "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
	}</pre>

Sample Call [1]	<pre>var settings = {
	 "url":
	"http://localhost:8087/model_repository/v1/asset_management/system/1de4d55b-
	7ae9-4b2c-850c-5d3e6fcf59e6/id/",
	 "method": "DELETE",
	 "timeout": 0,
	};
	
	$.ajax(settings).done(function (response) {
	 console.log(response);
	});</pre>

Sample Call [2]	<pre>curl --location --request DELETE
	'http://localhost:8087/model_repository/v1/asset_management/system/1de4d55b-
	7ae9-4b2c-850c-5d3e6fcf59e6/id/'</pre>

Glossary	

	System	An Internet-Of-Things System monitored for a variety of purposes.
	systemID	System-defined unique identifier of the System.
	name	A human readable name for the System.
	description	Textual description for the System.
	location	Location of the System, both geographical and virtual.

		location.geoLocation	Specifies a physical location (a pair of coordinates).
		location.geoLocation.latitude	The latitude part of the location coordinates.
		location.geoLocation.longtitude	The longitude part of the location coordinates.
		location.virtualLocation	Specifies a virtual location (it could be the ID of a resource or subsystem).
		organization	Organization affiliated to the System.
		additionalInformation	Additional notes on the System of any kind.
		createdDate	Creation timestamp of the persisted entity.
		lastModifiedDate	Latest update timestamp of the persisted entity.

Title	Delete all Systems
Description	Deletes all System entities that have ever been persisted, without specific filters.
URL	/model_repository/v1/asset_management/system/
Method	DELETE
URL Params	None
Data Params	None
Response Headers	application/json
Success Response	**Code: 204 [NO_CONTENT]** **Content: -**
| Failure Response [1] | ```json
{
   "httpCode": 404,
   "httpText": "404 NOT_FOUND",
   "message": "Failed to retrieve any System entities from the database.",
   "messageKey": "NO_SYSTEMS_FOUND",
   "href": null,
   "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
}
``` |
| Failure Response [2] | ```json
{
   "httpCode": 500,
   "httpText": "500 INTERNAL_SERVER_ERROR",
   "message": "Internal Server Error.",
   "messageKey": "ERROR_ON_DELETION_MANY",
   "href": null,
   "timestamp": "YYYY-MM-DDThh:mm:ss.sss"
}
``` |
| Sample Call [1] | ```javascript
var settings = {
  "url": "http://localhost:8087/model_repository/v1/asset_management/system/",
  "method": "DELETE",
  "timeout": 0,
};

$.ajax(settings).done(function (response) {
 console.log(response);
});
``` |
| Sample Call [2] | curl --location --request DELETE
'http://localhost:8087/model_repository/v1/asset_management/system/' |
| Glossary | System | An Internet-Of-Things System monitored for a variety of purposes. |

		systemID	System-defined unique identifier of the System.
		name	A human readable name for the System.
		description	Textual description for the System.
		location	Location of the System, both geographical and virtual.
		location.geoLocation	Specifies a physical location (a pair of coordinates).
		location.geoLocation.latitude	The latitude part of the location coordinates.
		location.geoLocation.longtitude	The longitude part of the location coordinates.
		location.virtualLocation	Specifies a virtual location (it could be the ID of a resource or subsystem).
		organization	Organization affiliated to the System.
		additionalInformation	Additional notes on the System of any kind.
		createdDate	Creation timestamp of the persisted entity.
		lastModifiedDate	Latest update timestamp of the persisted entity.