Experimental / Geometry

API Version: 1.0.0

Provide the geometry of the construction.

INDEX

API

1. COLLADA

1.1 GET /colladas

List Colladas

List all the COLLADA files available.

REQUEST

No request parameters

RESPONSE

STATUS CODE - 200: Successful Response

RESPONSE MODEL - application/json

```
[{
```
Array of object: Represent a COLLADA model extracted from a revision.

name*	string	Name of the COLLADA model
revision_url*	string	URL to BIM Sync revision from which we extracted the geometry.
conversion_timestamp*	integer	Time stamp when the geometry was extracted (seconds since epoch in UTC)
md5*	string	**PATTERN:**^[a-f0-9]{32}$
		MD5 hash of the model

```
}]
```

1.2 GET /colladas/{name}

Get Collada

Download the COLLADA model.

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*name	string	

RESPONSE

STATUS CODE - 200: Return the COLLADA model

RESPONSE MODEL - application/json

undefined

RESPONSE MODEL - model/vnd.collada+xml

STATUS CODE - 422: Validation Error

RESPONSE MODEL - application/json

```
{
  detail [{
```
Array of object:
```
    loc*    [string]
```

```
    msg*   string
    type*  string
  }]
}
```

2. POINT_CLOUD

2.1 GET /point_clouds

List Point Clouds

List all the COLLADA files available.

REQUEST

No request parameters

RESPONSE

STATUS CODE - 200: Successful Response

RESPONSE MODEL - application/json

```
[{
```
Array of object: Represent a recording of a point cloud.

name*	string	Name of the point cloud
mission_url*	string	URL to the mission in which the recording was made
recording_start*	integer	Time stamp when the recording started (seconds since epoch in UTC)
recording_end*	integer	Time stamp when the recording ended (seconds since epoch in UTC)
md5*	string	PATTERN:$^\wedge[a\text{-}f0\text{-}9]\{32\}\$$
		MD5 hash of the recording

```
}]
```