Geolocate API specifications

All the resources for the REST API return JSON values.

URL schemes :

[/geolocate/locations](http://host/geolocate/locations)

GET Method :

returns a JSON object that contains

* A field named ‘size’, with the total number of locations in the database
* An array ‘content’ with the URL to the first 50 entries of the database

POST Method: parameter ‘start’ indicates the starting location number

returns a JSON object that contains

* A field named ‘size’, with the total number of locations in the database
* An array ‘content’ with the URL to the first 50 entries that comes after start of the database can be empty

/geolocate/location/{latitude}/{longitude}[/{altitude}]

GET Method:

Returns the location or all the locations corresponding to the selected latitude/longitude and altitude if specified

POST Method: parameter ‘name’, ‘description’, ‘addressURL’, ‘taglist’ (a comma separated list of words)

Creates a new location. If successful, the result is equivalent to the result of the GET method. On creation error returns a 400 or 405 error

/geolocate/addresses

GET/POST method the list of available addresses it has the same behavior as the locations method.

/geolocate/address/{uuid}

GET method returns an object containing a field address, an object representing the address associated with the uuid and a field locations containing an array of the location URL corresponding to the address

Otherwise returns Error 404 NOT FOUND it also

/geolocate/address/

POST with parameters ‘num’ ‘street’ ‘zipcode’ ‘city’ ‘country’

On success returns the URL of the created resource as a String

/geolocate/tags

GET/POST method the list of available addresses it has the same behavior as the locations method.

/geolocate/tag/{name}

Returns an array of urls associated with the tag GET/POST method has the same behavior as the locations method.

/geolocate/area/{latitude}/{longitude}/x/{latitude}/{longitude}[/filter/{taglist}]

GET/POST method has the same behavior as the locations method.

Returns an array of locations url contained within the area, can be filtered by taglist (a list of semicolon separated tags).