Geolocate API specifications

All the resources for the REST API return JSON values.

URL schemes :

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

GET Method : parameter ‘start’ (if not present is like ‘start’ = 0) 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/location/{uuid}

GET Method:

Returns the location corresponding to the selected uuid

If the Located Object has not address, the web service don’t added object and field address in JSON object result.

Otherwise returns Error 404 NOT FOUND it also

/geolocate/addresses

GET 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 ‘street’ ‘zipcode’ ‘city’ ‘state’ ‘country’

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

/geolocate/tags

GET method the list of available tags it has the same behavior as the locations method.

/geolocate/tag/{name}

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

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

GET 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).