
Terralego Documentation

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Gagaro

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CHAPTER 1

Getting started

Install using pip:

```
pip install terralego
```

Set your credentials using the environment variables:

```
export TERRALEGO_USER="my_user"  
export TERRALEGO_PASSWORD="my_password"
```

You can now use terralego:

```
from terralego import geocoding  
  
results = geocoding.search('paris france')
```

Contents:

Geocoding

`terralego.geocoding.autocomplete` (*text, params=None*)
Autocomplete locations from a string.

Parameters

- **text** – The string which will be used to do the autocomplete.
- **params** – A dict including other get parameters.

Returns A geojson including the results.

`terralego.geocoding.reverse` (*lat, long, params=None*)
Search addresses from a location.

Parameters

- **lat** – The latitude of the location.
- **long** – The longitude of the location.
- **params** – A dict including other get parameters.

Returns A geojson including the results.

`terralego.geocoding.search(text, params=None)`
Search locations from a string.

Parameters

- **text** – The string which will be used to do the search.
- **params** – A dict including other get parameters.

Returns A geojson including the results.

Geodirectory

`terralego.geodirectory.create_entry(geometry, tags=None)`
Create a new entry.

Parameters

- **geometry** – A WKT string representing the geometry of the entry or a dict representing the geojson.
- **tags** – A list of string describing the entry. Can be used for filtering later on.

Returns A geojson describing the entry as a python dictionary.

`terralego.geodirectory.delete_entry(entry_id)`
Delete an entry.

Parameters **entry_id** – The id of the entry.

`terralego.geodirectory.get_entry(entry_id)`
Get an entry.

Parameters **entry_id** – The id of the entry.

Returns A geojson describing the entry as a python dictionary.

`terralego.geodirectory.update_entry(entry_id, geometry, tags=None)`
Update an entry.

Parameters

- **entry_id** – The id of the entry.
- **geometry** – A WKT string representing the geometry of the entry or a dict representing the geojson.
- **tags** – A list of string describing the entry. Can be used for filtering later on.

Returns A geojson describing the updated entry as a python dictionary.

CHAPTER 2

Indices and tables

- `genindex`
- `modindex`
- `search`

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