pygbif Documentation

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Scott Chamberlain

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Contents

1 Installation **3**

2 Example Usage **5**

3 Contents **7**
- 3.1 occurrences module 7
- 3.2 registry module 7
- 3.3 species module 8

4 License **9**

5 Indices and tables **11**

Python Module Index **13**

Low-level client for the GBIF API.

pygbif is split up into modules for each of the major groups of API methods.

- Registry - Datasets, Nodes, Installations, Networks, Organizations - Registry API Docs
- Species - Taxonomic names - Species API Docs
- Occurrences - Occurrence data, including the download API - Occurrences API Docs

Note that GBIF maps API is not included in *pygbif*.

Other GBIF clients:

- R: rgbif

CHAPTER 1

Installation

```
pip install pygbif
```

CHAPTER 2

Example Usage

You can import the entire library

```
import pygbif
```

Or each module individually as needed.

```
## Registry module
from pygbif import registry
registry.dataset_metrics(uuid='3f8a1297-3259-4700-91fc-acc4170b27ce')

## Species module
from pygbif import species
species.name_suggest(q='Puma concolor')

## Occurrences module
from pygbif import occurrences
occurrences.search(taxonKey = 3329049)
occurrences.get(taxonKey = 252408386)
occurrences.count(isGeoreferenced = True)
```

CHAPTER 3

Contents

occurrences module

- count
- get
- search

Load

```
from pygbif import occurrences
```

Example Usage

```
occurrences.search(taxonKey = 3329049)
occurrences.get(taxonKey = 252408386)
occurrences.count(isGeoreferenced = True)
```

registry module

- datasets
- nodes

Load

```
from pygbif import registry
```

Example Usage

```
registry.dataset_metrics(uuid='3f8a1297-3259-4700-91fc-acc4170b27ce')
```

species module

- name_suggest
- name_backbone

Load

```
from pygbif import species
```

Example Usage

```
species.name_suggest(q='Puma concolor')
```

CHAPTER 4

License

MIT

CHAPTER 5

Indices and tables

- genindex
- modindex
- search

Python Module Index

p

pygbif, 7
pygbif.occurrences, 7

Index

P

pygbif (module), 7
pygbif.occurrences (module), 7