
RegonAPI

Release 1.0.0

Apr 21, 2021

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Client for Polish GUS Regon Database (BIR)

Highlights:

- Supports BIR v1 and BIR v1.1
- Searching for information about business entities by: KRS, REGON and NIP
- Fetching business entities reports
- API messages available in English and Polish language

Usage example:

```
from RegonAPI import RegonAPI
from pprint import pprint

API_KEY = "abcde12345abcde12345"
CD_PROJEKT_REGON9 = "492707333"

api = RegonAPI(bir_version="bir1") # BIR version 1
api.authenticate(key=API_KEY)
res = api.dataDownloadFullReport(
    CD_PROJEKT_REGON9,
    "PublDaneRaportPrawna"
)
pprint(res)
```


CHAPTER 2

Installation

If you have installed pip then run:

```
pip install RegonAPI
```


3.1 Using RegonAPI

3.2 The RegonAPI Object

The RegonAPI is the main interface object between client and REGON SOAP server. It provides a `searchData` and `dataDownloadFullReport` methods allowing searching for business entities and fetching reports.

3.2.1 Configuring the client

To configure RegonAPI interface, attribute `bir_version` needs to be set to desired BIR version. You can initialize the object using the following code:

```
from RegonAPI import RegonAPI

# birl birl.1 ...
api = RegonAPI(bir_version="birl")
```

To see all available BIR versions click here [BIR Versions](#)

3.2.2 Authentication

To authenticate client with your API Key use `authenticate` method.

```
# This is an official key for testing
API_KEY = "abcde12345abcde12345"
api = RegonAPI(bir_version="birl")
api.authenticate(key=API_KEY)
```

Want to get key for production? Check out [Obtaining API Key](#)

3.3 BIR Versions

To this date there are two version of BIR service.

- BIR v1.0 (2015)
- BIR v1.1 (2019)

3.3.1 Main differences

WSDL and Service URL are different between versions

- BIR v1

Test - Service URL: <https://wyszukiwarkaregontest.stat.gov.pl/wsBIR/UslugaBIRzewnPubl.svc>

Test - WSDL: <https://wyszukiwarkaregontest.stat.gov.pl/wsBIR/wsd/UslugaBIRzewnPubl.xsd>

Production - Service URL: <https://wyszukiwarkaregon.stat.gov.pl/wsBIR/UslugaBIRzewnPubl.svc>

Production - WSDL: <https://wyszukiwarkaregontest.stat.gov.pl/wsBIR/wsd/UslugaBIRzewnPubl.xsd>

- BIR v1.1

Test - Service URL: <https://wyszukiwarkaregontest.stat.gov.pl/wsBIR/UslugaBIRzewnPubl.svc>

Test - WSDL: <https://wyszukiwarkaregontest.stat.gov.pl/wsBIR/wsd/UslugaBIRzewnPubl-ver11-test.wsdl>

Production - Service URL: <https://wyszukiwarkaregon.stat.gov.pl/wsBIR/UslugaBIRzewnPubl.svc>

Production - WSDL: <https://wyszukiwarkaregon.stat.gov.pl/wsBIR/wsd/UslugaBIRzewnPubl-ver11-prod.wsdl>

Names of available reports are different

BIR 1.0	BIR 1.1
PublDaneRaportFizycznaOsoba	BIR11OsFizycznaDaneOgolne
PublDaneRaportDzialalnoscFizycznejCeidg	BIR11OsFizycznaDzialalnoscCeidg
PublDaneRaportDzialalnoscFizycznejRolnicza	BIR11OsFizycznaDzialalnoscRolnicza
PublDaneRaportDzialalnoscFizycznejPozostala	BIR11OsFizycznaDzialalnoscPozostala
PublDaneRaportDzialalnoscFizycznejWKrupgn	BIR11OsFizycznaDzialalnoscSkreslonaDo2014
PublDaneRaportDzialalnoscFizycznej	BIR11OsFizycznaPkd
PublDaneRaportLokalneFizycznej	BIR11OsFizycznaListaJednLokaln
PublDaneRaportLokalnaFizycznej	BIR11JednLokalnaOsFizycznej
PublDaneRaportDzialalnoscLokalnejFizycznej	BIR11JednLokalnaOsFizycznejPkd
PublDaneRaportPrawna	BIR11OsPrawna
PublDaneRaportDzialalnoscPrawnej	BIR11OsPrawnaPkd
PublDaneRaportLokalnePrawnej	BIR11OsPrawnaListaJednLokaln
PublDaneRaportLokalnaPrawnej	BIR11JednLokalnaOsPrawnej
PublDaneRaportDzialalnoscLokalnejPrawnej	BIR11JednLokalnaOsPrawnejPkd
PublDaneRaportWspolnicyPrawnej	BIR11OsPrawnaSpCywilnaWspolnic
PublDaneRaportTypJednostki	BIR11TypPodmiotu

Other differences are listed in official documentation of BIR 1.1

- [BIR Version 1 Documentation](#)
- [BIR Version 1.1 Documentation](#)

3.4 Obtaining API Key

3.5 Settings

3.6 License

MIT License

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3.7 Documentation

3.7.1 RegonAPI package

Subpackages

RegonAPI.consts package

Submodules

RegonAPI.consts.api_codes module

RegonAPI.consts.bir_version_maps module

RegonAPI.consts.voivodeships module

Module contents

RegonAPI.plugins package

Submodules

RegonAPI.plugins.detailed module

RegonAPI.plugins.fetch_all module

Module contents

RegonAPI.test package

Submodules

RegonAPI.test.common module

Module contents

RegonAPI.testing package

Submodules

RegonAPI.testing.operations module

RegonAPI.testing.parsers module

RegonAPI.testing.variables module

Module contents

Submodules

RegonAPI.api_codes module

RegonAPI.converters module

RegonAPI.exceptions module

RegonAPI.operations module

RegonAPI.parsers module

RegonAPI.regon_api module

RegonAPI.settings module

RegonAPI.validators module

Module contents

3.8 Indices and tables

- [genindex](#)
- [modindex](#)

- search