
poznaj-backend Documentation

Release 1.2.0

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CHAPTER 1

Introduction

This is documentation for the poznaj-backend project. It is made with help of [Koduj Dla Polski Wrocław](#) and [Klub Jagielloński we Wrocławiu](#).

CHAPTER 2

Disclaimer

This project is a work in progress

CHAPTER 3

Technology stack

- Ubuntu OS for server (thanks to Heroku)
- Python and pip
- Dependencies, listed below

CHAPTER 4

Dependencies

- PostgreSQL database
- Django 1.10 as a framework of choice
- Docker + Docker compose for local development
- Python ≥ 3.5

Installation instructions

Clone the repository

Using the console, navigate to the root directory in which your projects live and clone this project's repository:

```
$ git clone git@github.com:kj-wroclaw/poznaj-backend.git
$ cd poznaj-backend
```

You may also wish to fork the repository on GitHub and clone the resultant personal fork. This is advised if you are going to be doing development on poznaj-backend and contributing to the project.

There are two ways to install poznaj-backend:

- *Stand-alone installation*
- *Docker-based installation*

It is recommended to use docker for local development.

Stand-alone installation

These instructions are specific to Ubuntu Linux but will be similar for other UNIX-based systems.

1. Install PostgreSQL:

```
$ sudo apt-get update
$ sudo apt-get install postgresql postgresql-contrib
```

2. Create database and user:

```
$ su - postgres
$ psql
```

3. Install `virtualenv` to be able to create a local environment for your server:

```
$ pip install virtualenv
```

4. Create your virtual environment:

```
$ virtualenv -p /usr/bin/python3 ~/.virtualenvs/poznaj-backend
```

Make sure that you have python 3 installed as we are using this version.

5. Activate your environment:

```
$ source ~/.virtualenvs/poznaj-backend/bin/activate
```

6. Install local and test requirements:

```
(poznaj-backend) $ pip install -r requirements/local.txt
(poznaj-backend) $ pip install -r requirements/test.txt
```

7. Install `autoenv` and put there:

```
$ cat .env
DATABASE_URL=postgres://poznaj:poznaj@localhost:5432/poznajdb
```

8. Then run server via:

```
(poznaj-backend) $ python manage.py migrate
(poznaj-backend) $ python manage.py runserver
```

9. To run tests use

```
(poznaj-backend) $ pip install tox
(poznaj-backend) $ tox
```

Docker-based installation

We are using docker and docker compose to develop code locally. Before you run any commands below please make sure that you have docker installed via [this instructions](#). As you have installed docker install docker-compose

```
(poznaj-backend)$ pip install docker-compose
```

After this setup you are ready to go! First run application:

```
$ make build
$ make run
```

Then make migrations:

```
$ make make-migrations
```

And migrate:

```
$ make migrate
```

To create superuser use:

```
$ docker-compose run django python manage.py createsuperuser
```

To run test (after you run `make run`) use:

```
$ make test
```

Contributing

We are always happy to get issues identified and pull requests!

Getting your pull request merged in

- Keep it small. The smaller the pull request the more likely I'll pull it in.
- Pull requests that fix a current issue get priority for review.
- If you're not already in the *docs/contributors.rst* file, add yourself!

Installation + running the tests

Please refer to [online documentation](#) on how to install this project.

Code conventions

- For python follow [PEP8](#) with 120 line characters limit
- For javascript follow [airbnb](#)
- For html & css follow this [codeguide](#)

Contributors

Core Developers

These contributors have commit flags for the repository, and are able to accept and merge pull requests.

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Changelog

All enhancements and patches to Poznaj backend will be documented in this file. This project adheres to [Semantic Versioning](#).

v1.2.0 (2017-03-05)

- Stories can be filtered by lat/long @krzysztofzuraw
- Packages update via @pyup

v1.1.0 (2017-02-17)

- Stories & Points APIs now contain ids instead of urls @krzysztofzuraw

v1.0.0 (2017-02-04)

- Release 1.0.0 to heroku @krzysztofzuraw

v0.7.0 (2017-01-28)

- Add basic auth @krzysztofzuraw

v0.6.0 (2016-12-31)

- Add basic models: Images, Points & Stories @krzysztofzuraw

v0.5.0 (2016-10-27)

- Fixing small errors in docs @krzysztofzuraw

v0.4.0 (2016-10-26)

- Add various files for ease development @krzysztofzuraw

v0.3.0 (2016-10-25)

- Add support for Travis CI @krzysztofzuraw

v0.2.0 (2016-10-24)

- Add support for py.test and tox @krzysztofzuraw

v0.1.0 (2016-10-20)

- Add support for docker and docker compose @krzysztofzuraw

CHAPTER 6

Indices and tables

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