
Pywikibotgl Documentation

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Contents

1	Usage	3
2	Development	5
2.1	Automated Tests	5
2.2	Internationalization and Localization	5

Framework on top of [Pywikibot](#) to operate on MediaWiki sites in Galician.

The framework includes a script to update the population data on articles about locations within Galicia.

CHAPTER 1

Usage

To run any script of the framework, you must install the framework as follows:

1. Download the source code.
2. Install Python 3.
3. Install on a Python 3 virtual environment:

For example, on Linux:

```
python3 -m venv venv
. venv/bin/activate
pip install -e .
```

Note: On Windows, you may optionally install `colorama` to enjoy colors on the command-line interface:

```
pip install colorama
```

4. Create a `user-config.py` file with the following content:

```
family = 'wikipedia'
mylang = 'gl'
usernames['wikipedia']['*'] = '<Your Galician Wikipedia Username>'
password_file = 'user-password.py'
```

5. Create a `user-password.py` file as described in the [PyWikiBot documentation](#).

Do not prefix strings with `u` (e.g. `u'asdf'`) as described in the documentation. That is for Python 2. In Python 3 you should remove it (e.g. `'asdf'`).

6. Run any script. For example:

```
pywikibotgl-population
```

Once these initial steps are done, to run a script again after you close the current terminal you must always first re-enable the virtual environment:

```
. venv/bin/activate
```


2.1 Automated Tests

To run the automated tests:

```
python3 -m venv venv
. venv/bin/activate
pip install -e .
pip install pytest pytest-pylint
pytest --pylint
```

2.2 Internationalization and Localization

To update the translation templates:

```
bash utils/update-pot.sh
```

To update the translation files:

```
bash utils/update-po.sh
```