idutils Documentation

Release 0.2.1

Invenio Software

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Contents

Small library for validating and normalising persistent identifiers used in scholarly communication.

- Free software: Revised BSD license

- Documentation: https://idutils.readthedocs.org.

- Validation and normalization of persistent identifiers.

- Detection of persistent identifier scheme.

- Generation of resolving links for persistent identifiers.

- Supported schemes: ISBN10, ISBN13, ISSN, ISTC, DOI, Handle, EAN8, EAN13, ISNI ORCID, ARK, PURL, LSID, URN, Bibcode, arXiv, PubMed ID, PubMed Central ID, GND.

Installation

The IDUtils package is on PyPI so all you need is:

```
$ pip install idutils
```

API

Changes

Version 0.2.1 (2016-06-17)

- Changes ISBN normalization to use *isbnid* instead of *isbnlib*. Now, importing this library will not change the default socket timeout, resulting in unwanted side effects.

Version 0.2.0 (2016-04-07)

- Changes URL resolution for DOIs to use https://doi.org instead of http://dx.doi.org according to https://www.doi.org/doi_handbook/3_Resolution.html#3.8

Version 0.1.1 (2015-07-22)

- Fixes GND validation and normalization.

- Replaces invalid package name in *run-tests.sh* and makes *run-tests.sh* file executable. One can now use *docker-compose run --rm web /code/run-tests.sh* to run all the CI tests (pep257, sphinx, test suite).

- Initial release of Docker configuration suitable for local developments. *docker-compose build* rebuilds the image, *docker-compose run --rm web /code/run-tests.sh* runs the test suite.

Version 0.1.0 (2015-07-02)

- First public release.

Contributing

Bug reports, feature requests, and other contributions are welcome. If you find a demonstrable problem that is caused by the code of this library, please:

1. Search for already reported problems.

2. Check if the issue has been fixed or is still reproducible on the latest *master* branch.

3. Create an issue with **a test case**.

If you create a feature branch, you can run the tests to ensure everything is operating correctly:

```
$ ./run-tests.sh
```

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