## 1 About

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Invenio module for OAI-PMH metadata harvesting between repositories.

- Free software: GPLv2 license
- Documentation: https://invenio-oaiharvester.readthedocs.io/

This is an experimental development preview release.
This module allows you to easily harvest OAI-PMH repositories, thanks to the Sickle module, and via signals you can hook the output into your application, or simply to files.

You keep configurations of your OAI-PMH sources via SQLAlchemy models and run or schedule immediate harvesting jobs via command-line or regularly via Celery beat.

### 1.1 User’s Guide

This part of the documentation will show you how to get started in using Invenio-OAIHarvester.

#### 1.1.1 Installation

```
pip install invenio-oaiharvester
```

#### 1.1.2 Usage

### 1.2 API Reference

If you are looking for information on a specific function, class or method, this part of the documentation is for you.
1.2.1 API Docs

Models

Configuration

Tasks

Exceptions

1.3 Additional Notes

Notes on how to contribute, legal information and changes are here for the interested.

1.3.1 Contributing

Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given.

Types of Contributions

Report Bugs


If you are reporting a bug, please include:

- Your operating system name and version.
- Any details about your local setup that might be helpful in troubleshooting.
- Detailed steps to reproduce the bug.

Fix Bugs

Look through the GitHub issues for bugs. Anything tagged with “bug” is open to whoever wants to implement it.

Implement Features

Look through the GitHub issues for features. Anything tagged with “feature” is open to whoever wants to implement it.

Write Documentation

Invenio-OAIHarvester could always use more documentation, whether as part of the official Invenio-OAIHarvester docs, in docstrings, or even on the web in blog posts, articles, and such.
Submit Feedback

The best way to send feedback is to file an issue at https://github.com/inveniosoftware/invenio-oaiharvester/issues. If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.
- Remember that this is a volunteer-driven project, and that contributions are welcome :)

Get Started!

Ready to contribute? Here’s how to set up invenio for local development.

1. Fork the invenio repo on GitHub.
2. Clone your fork locally:

   $ git clone git@github.com:your_name_here/invenio-oaiharvester.git

3. Install your local copy into a virtualenv. Assuming you have virtualenvwrapper installed, this is how you set up your fork for local development:

   $ mkvirtualenv invenio-oaiharvester
   $ cd invenio-oaiharvester/
   $ pip install -e .[all]

4. Create a branch for local development:

   $ git checkout -b name-of-your-bugfix-or-feature

   Now you can make your changes locally.

5. When you’re done making changes, check that your changes pass tests:

   $ ./run-tests.sh

   The tests will provide you with test coverage and also check PEP8 (code style), PEP257 (documentation), flake8 as well as build the Sphinx documentation and run doctests.

6. Commit your changes and push your branch to GitHub:

   $ git add .
   $ git commit -s -m "Your detailed description of your changes."
   $ git push origin name-of-your-bugfix-or-feature

7. Submit a pull request through the GitHub website.

Pull Request Guidelines

Before you submit a pull request, check that it meets these guidelines:

1. The pull request should include tests and must not decrease test coverage.
2. If the pull request adds functionality, the docs should be updated. Put your new functionality into a function with a docstring.

1.3. Additional Notes
3. The pull request should work for Python 2.7, 3.3, 3.4 and 3.5. Check https://travis-ci.com/inveniosoftware/invenio-oaiharvester/pull_requests and make sure that the tests pass for all supported Python versions.

1.3.2 Changes

Version 1.0.0a4 (released 2017-12-05)

Incompatible changes

• Brings a major rewrite based on Invenio v3.0.0 release series.

Version 0.1.1 (released 2015-08-25)

• Adds missing invenio_upgrader dependency and amends past upgrade recipes following its separation into standalone package.

• Fixes imports due to separation of invenio-workflows. (#9)

Version 0.1.0 (released 2015-08-14)

• Initial public release

1.3.3 License

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1.3.4 Authors

Invenio OAIHarvester is developed for use in Invenio digital library software.

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