invenio-circulation Documentation

Release 1.0.0a1

CERN

Contents

Invenio module for the circulation of bibliographic items.

This is an experimental developer preview release.

TODO: Please provide feature overview of module

Further documentation is available on https://invenio-circulation.readthedocs.io/

User's Guide

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

1.1 Installation

Invenio-Circulation is on PyPI so all you need is:

```
$ pip install invenio-circulation
```

Development installation:

```
$ pip install -r requirements-devel.txt
$ pip install -e .[all,elasticsearch6,postgresql]
```

1.2 Configuration

1.3 Usage

1.4 Example application

First install Invenio-Circulation, setup the application and load fixture data by running:

```
$ pip install -e .[all]
$ cd examples
$ ./app-setup.sh
$ FLASK_APP=app.py flask fixtures loans
```

Next, start the development server:

```
$ export FLASK_APP=app.py FLASK_ENV=development
$ flask run
```

and open the example application in your browser:

```
$ open http://127.0.0.1:5000/circulation/loan/1
```

To reset the example application run:

```
$ ./app-teardown.sh
```

API Reference

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

2.1 API Docs

Additional Notes

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

3.1 Contributing

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

3.1.1 Types of Contributions

Report Bugs

Report bugs at https://github.com/inveniosoftware/invenio-circulation/issues.

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-Circulation could always use more documentation, whether as part of the official Invenio-Circulation 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-circulation/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 :)

3.1.2 Get Started!

Ready to contribute? Here's how to set up *invenio-circulation* for local development.

1. Fork the *inveniosoftware/invenio-circulation* repo on GitHub.

2. Clone your fork locally:

```
$ git clone git@github.com:your_name_here/invenio-circulation.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-circulation
$ cd invenio-circulation/
$ 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 "component: title without verbs"
    -m "* NEW Adds your new feature."
    -m "* FIX Fixes an existing issue."
    -m "* BETTER Improves and existing feature."
    -m "* Changes something that should not be visible in release notes."
$ git push origin name-of-your-bugfix-or-feature
```

7. Submit a pull request through the GitHub website.

3.1.3 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.

3. The pull request should work for Python 2.7, 3.5 and 3.6. Check https://travis-ci.org/inveniosoftware/invenio-circulation/pull_requests and make sure that the tests pass for all supported Python versions.

3.2 Changes

Version 1.0.0a1 (released 2018-12-04)

- Initial public release.

3.3 License

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3.4 Authors

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