OWSLib esgfwps Documentation

Release 0.2.1

Birdhouse

Jul 11, 2019

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The *OWSLib-esgfwps* package is an OWSLib extension for the ESGF compute WPS profile.

- Free software: Apache Software License 2.0
- Documentation: https://owslib-esgfwps.readthedocs.io.

You can try the *OWSLib-esgfwps* extension online using Binder, just click on the binder link below.

Or view the examples online on NBViewer.

CHAPTER

ONE

CREDITS

This package was created with Cookiecutter and the audreyr/cookiecutter-pypackage project template.

1.1 Installation

1.1.1 From sources

Check out code from the birdhouse GitHub repo and start the installation:

```
$ git clone https://github.com/bird-house/OWSLib-esgfwps.git
$ cd OWSLib-esgfwps
$ conda env create -f environment.yml
$ python setup.py install
```

1.2 Usage

Top-level package for Emu.

1.2.1 Examples

Try the Jupyter notebooks in the *examples/notebooks* folder and check the README to update your conda environment.

View the latest version of the notebooks online.

1.3 Development

1.3.1 Get Started!

Check out code from the *OWSLib-esgfwps* GitHub repo and start the installation:

```
$ git clone https://github.com/bird-house/OWSLib-esgfwps.git
$ cd OWSLib-esgfwps
$ conda env create -f environment.yml
$ python setup.py develop
```

Install additional dependencies:

```
$ pip install -r requirements_dev.txt
```

When you're done making changes, check that your changes pass *flake8* and the tests:

```
 $ flake8
 $ pytest

Or use the Makefile::

  $ make lint
  $ make test
  $ make test-all
```

1.3.2 Write Documentation

You can find the documentation in the *docs/source* folder. To generate the Sphinx documentation locally you can use the *Makefile*:

```
$ make docs
```

1.3.3 Bump a new version

Make a new version of *OWSLib-esgfwps* in the following steps:

- Make sure everything is commit to GitHub.
- Update `CHANGES.rst` with the next version.
- Dry Run: `bumpversion --dry-run --verbose --new-version 0.3.1 patch`
- Do it: `bumpversion --new-version 0.3.1 patch`
- ... or: `bumpversion --new-version 0.4.0 minor`
- Push it: `git push --tags`

See the bumpversion documentation for details.

1.4 Changes

1.4.1 0.2.1 (2019-07-09)

- Fixed Pelican WPS test (#15).
- Using *__version__.py* (#14).

1.4.2 0.2.0 (2019-07-08)

- Updated to latest ESGF CWT API (version 2019-07-04).
- Updated docs and notebook examples.

1.4.3 0.1.0 (2019-02-15)

- First release.

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