DoJSON is a simple Pythonic JSON to JSON converter.
Installation

DoJSON is on PyPI so all you need is:

```
$ pip install dojson
```
Example

A simple example on how to convert MARCXML to JSON:

```python
from dojson.contrib.marc21.utils import create_record, split_blob
from dojson.contrib.marc21 import marc21

[marc21.do(create_record(data)) for data in split_blob(open('/tmp/data.xml', 'r').read())]
```
DoJSON API.

```python
class dojson.Overdo(bases=None, entry_point_group=None)
    Translation index.

    build()
        Build.

    do(blob)
        Translate blob values and instantiate new model instance.

    missing(blob)
        Return keys with missing rules.

    over(name, *source_tags)
        Register creator rule.
```
4.1 Version 0.2.0 (released 2015-10-07):

4.1.1 New features

• Adds the possibility to use base DoJSON model so the rules are “inherited” from them.
• Adds new decorator ignore_value that remove the key in the resulting json for None value.

4.1.2 Improved features

• Uses entry points instead of plain imports to load the creator rules.

4.1.3 Bug fixes

• Removes calls to PluginManager consider_setuptools_entrypoints() removed in PyTest 2.8.0.

4.2 Version 0.1.1 (released 2015-07-27):

• Sorts and removes duplicated enum values.
• Swaps wrongly defined repeatable and non-repeatable subfields. (#23)
• Addresses issue when allowed indicators where defined as a range. (#22)

4.3 Version 0.1.0 (released 2015-07-03):

• Initial public release.
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:

```
$ python setup.py test
...
====== 31 passed, 23 skipped in 1.37 seconds ======
```

You can also test your feature branch using Docker:

```
$ docker-compose build
$ docker-compose run web python setup.py test
$ docker-compose run web python setup.py build_sphinx
$ docker-compose run web pep257 --match-dir='dojson'
```
DoJSON is developed for the Invenio digital library software.

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