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Contents

1.1 yarl 0.18.0

1.1.1 Available under license :

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1.3 tzlocal 2.1

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1.4 pyasn1 0.4.8

1.4.1 Available under license :

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Metadata-Version: 1.2

Name: pyasn1

Version: 0.4.8

Summary: ASN.1 types and codecs

Home-page: https://github.com/etingof/pyasn1

Author: Ilya Etingof

Author-email: etingof@gmail.com

Maintainer: Ilya Etingof <etingof@gmail.com>

License: BSD

Description: Pure-Python implementation of ASN.1 types and DER/BER/CER codecs (X.208)

Platform: any

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Console

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: Education

Classifier: Intended Audience :: Information Technology

Classifier: Intended Audience :: System Administrators

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Classifier: Natural Language :: English

Classifier: Operating System :: OS Independent

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ASN.1 library for Python

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blue.svg)](https://raw.githubusercontent.com/etingof/pyasn1/master/LICENSE.txt)

This is a free and open source implementation of ASN.1 types and codecs
as a Python package. It has been first written to support particular
protocol (SNMP) but then generalized to be suitable for a wide range
of protocols based on
[ASN.1 specification](https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features
----

* Generic implementation of ASN.1 types (X.208)
* Standards compliant BER/CER/DER codecs
* Dumps/loads ASN.1 structures from Python types
* 100% Python, works with Python 2.4 up to Python 3.7
* MT-safe
* Contributed ASN.1 compiler [Asn1ate](https://github.com/kimgr/asn1ate)

Why using pyasn1

ASN.1 solves the data serialisation problem. This solution was
designed long ago by the wise Ancients. Back then, they did not
have the luxury of wasting bits. That is why ASN.1 is designed
to serialise data structures of unbounded complexity into
something compact and efficient when it comes to processing
the data.

That probably explains why many network protocols and file formats
still rely on the 30+ years old technology. Including a number of
high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1.
[Communication between heterogeneous systems](http://www.oss.com/asn1/dubuisson.html)
by Olivier Dubuisson is one of those high quality books freely
available on the Internet.

The pyasn1 package is designed to help Python programmers tackling
network protocols and file formats at the comfort of their Python
prompt. The tool struggles to capture all aspects of a rather
complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

With pyasn1 you can build Python objects from ASN.1 data structures.
For example, the following ASN.1 data structure:

```bash
Record ::= SEQUENCE {
 id      INTEGER,
 room  [0] INTEGER OPTIONAL,
 house [1] INTEGER DEFAULT 0
}
```

Could be expressed in pyasn1 like this:

```python
class Record(Sequence):
  componentType = NamedTypes(
    NamedType('id', Integer()),
    OptionalNamedType(
      'room', Integer().subtype(
        implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
      )
    ),
    DefaultedNamedType(
      'house', Integer(0).subtype(
        implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
      )
    )
  )
```

It is in the spirit of ASN.1 to take abstract data description
and turn it into a programming language specific form.
Once you have your ASN.1 data structure expressed in Python, you
can use it along the lines of similar Python type (e.g. ASN.1
`SET` is similar to Python `dict`, `SET OF` to `list`):

```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
>>>
```

Part of the power of ASN.1 comes from its serialisation features. You
can serialise your data structure and send it over the network.

```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
```

Conversely, you can turn serialised ASN.1 content, as received from
network or read from a file, into a Python object which you can
introspect, modify, encode and send back.

```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>>
>>> for field in received_record:
>>>   print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>>
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int,
list, dict etc.). But ASN.1 types exhibit more complicated behaviour.
To make life easier for a Pythonista, they can turn their pyasn1
classes into Python built-ins:

```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of
Python objects:

```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id': 123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
```

```
id=123
room=321
>>>
```

With ASN.1 design, serialisation codecs are decoupled from data objects,
so you could turn every single ASN.1 object into many different
serialised forms. As of this moment, pyasn1 supports BER, DER, CER and
Python built-ins codecs. The extremely compact PER encoding is expected
to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the
[documentation](http://snmplabs.com/pyasn1/),
compiled ASN.1 modules for different protocols and file formats
could be found in the pyasn1-modules
[repo](https://github.com/etingof/pyasn1-modules).

How to get pyasn1

The pyasn1 package is distributed under terms and conditions of 2-clause
BSD [license](http://snmplabs.com/pyasn1/license.html). Source code is freely
available as a GitHub [repo](https://github.com/etingof/pyasn1).

You could `pip install pyasn1` or download it from [PyPI](https://pypi.org/project/pyasn1).

If something does not work as expected,
[open an issue](https://github.com/etingof/pyasn1/issues) at GitHub or
post your question [on Stack Overflow](https://stackoverflow.com/questions/ask)
or try browsing pyasn1
[mailing list archives](https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/).

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* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/compat/test_binary.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/namedtype.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/useful.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test_useful.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/compat/__main__.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/compat/string.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/cer/test_decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/univ.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/cer/decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/compat/test_octets.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/ber/eoo.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/der/test_encoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/compat/calling.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/ber/test_decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/native/decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/der/encoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/cer/encoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test_univ.py

* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/cer/test_encoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/der/test_decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/tag.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/error.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/char.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/native/test_decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/compat/binary.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/opentype.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/compat/octets.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test_namedtype.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/native/test_encoder.py
No license file was found, but licenses were detected in source scan.

ASN.1 library for Python
========================

.. toctree::
  :maxdepth: 1

Abstract Syntax Notation One (`ASN.1
<http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x>`_) is a
technology for exchanging structured data in a universally understood,
hardware agnostic way. Many industrial, security and telephony
applications heavily rely on ASN.1.

The `pyasn1 <https://pypi.org/project/pyasn1/>`_ library implements
ASN.1 support in pure-Python.

What is ASN.1

ASN.1 is a large, arguably over-engineered and extremely old data modelling and
serialisation tool. It is probably among the first serialisation protocols in
the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first
electronic mail (known as X.400). Later on if was split off the e-mail application
and become a stand-alone tech still being actively supported by its designers
and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the
first, unsuccessful, version of the Internet. You can read many interesting
`discussions <https://news.ycombinator.com/item?id=8871453>`_ on that topic.

In the following years, generations of software engineers tackled the serialisation

problem many times. We can see that in Google's `ProtoBuffers <https://developers.google.com/protocol-buffers/>`_
or `FlatBuffers <https://google.github.io/flatbuffers/>`_, for example.
Interestingly, many new takes on binary protocol design do not depart
far from ASN.1 from technical perspective. It's more of a matter of striking
a balance between processing overhead, wire format overhead and human
readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

* Data types: the standard introduces a collection of basic data types
 (integers, bits, strings, arrays and records) that can be used for describing
 arbitrarily complex, nested data structures.

* Serialisation protocols: the above data structures could be converted into a
 series of octets for storage or transmission over the wire as well as
 recovered back into their structured form. The system is fully agnostic
 to hardware architectures differences.

* Schema language: ASN.1 data structures could be described in terms
 of a schema language for ASN.1 compiler to turn it into platform-specific
 implementation.

ASN.1 applications

Being an old and generally successful standard, ASN.1 is widely
adopted for many uses. To give you an example, these technologies
use ASN.1 for their data exchange needs:

* Signaling standards for the public switched telephone network (SS7 family)
* Network management standards (SNMP, CMIP)
* Directory standards (X.500 family, LDAP)
* Public Key Infrastructure standards (X.509, etc.)
* PBX control (CSTA)
* IP-based Videoconferencing (H.323 family)
* Biometrics (BIP, CBEFF, ACBio)
* Intelligent transportation (SAE J2735)
* Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

ASN.1 gotchas

Apparently, ASN.1 is hard to implement properly. Quality open-source
ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the
`statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>`_ on discovered
security vulnerabilities, many people have implemented ASN.1 parsers
and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood
and security reviewed.

Documentation

.. toctree::
   :maxdepth: 2

   /pyasn1/contents

Use case

.. toctree::
   :maxdepth: 2

   /example-use-case

Download & Install

.. toctree::
   :maxdepth: 2

   /download

Changes

All changes and release history is maintained in changelog. There you
could also download the latest unreleased pyasn1 tarball containing
the latest fixes and improvements.

.. toctree::
   :maxdepth: 1

   /changelog

License

The PyASN1 software is distributed under 2-clause BSD License.

.. toctree::
   :maxdepth: 2

/license

Getting help

Please, file your `issues <https://github.com/etingof/pyasn1/issues>`_
and `PRs <https://github.com/etingof/pyasn1/pulls>`_ at GitHub.
Alternatively, you could ask for help at
`Stack Overflow <http://stackoverflow.com/questions/tagged/pyasn1>`_
or search
`pyasn1-users <https://lists.sourceforge.net/lists/listinfo/pyasn1-users>`_
mailing list archive.

Books on ASN.1

The pyasn1 implementation is largely based on reading up the following awesome
books:

* `ASN.1 - Communication between heterogeneous systems <http://www.oss.com/asn1/dubuisson.html>`_ by
Olivier Dubuisson
* `ASN.1 Complete <http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>`_ by
Prof John Larmouth

Here you can get the official standards which is hard to read:

* `ITU standards <http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>`_

On the other end of the readability spectrum, here is a quick and sweet write up:

* `A Layman's Guide to a Subset of ASN.1, BER, and DER <ftp://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>`_
by Burton S. Kaliski

If you are working with ASN.1, we'd highly recommend reading a proper
book on the subject.

Found in path(s):
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/docs/source/contents.rst

1.5 google-auth 1.32.1

1.5.1 Available under license :

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1.6 jaeger-client 3.8.0

1.6.1 Available under license :

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How to Contribute to Jaeger

We'd love your help!

Jaeger is [Apache 2.0 licensed](LICENSE) and accepts contributions via GitHub

pull requests. This document outlines some of the conventions on development

workflow, commit message formatting, contact points and other resources to make

it easier to get your contribution accepted.

We gratefully welcome improvements to documentation as well as to code.

Developing

Jaeger Python client currently only supports Python 2.7.

This repository uses [virtualenv](https://pypi.python.org/pypi/virtualenv) and `pip` to manage dependencies.

To install all dependencies, run:

1. `virtualenv env`
2. `source env/bin/activate`
3. `make bootstrap`
4. `make test`

pycurl

On MacOS you may get an error:

```

ImportError: pycurl: libcurl link-time ssl backend (openssl) is different from compile-time ssl backend (none/other)
```

It can be fixed with:

```

pip uninstall pycurl
pip install --install-option="--with-openssl" --install-option="--openssl-dir=/usr/local/opt/openssl" pycurl
```

Making A Change

Before making any significant changes, please [open an issue](https://github.com/jaegertracing/jaeger-client-python/issues).
Discussing your proposed changes ahead of time will make the contribution process smooth for everyone.

Once we've discussed your changes and you've got your code ready, make sure
that tests are passing (`make test`) and open your pull request.
Your pull request is most likely to be accepted if it:

* Includes tests for new functionality.
* Has a [good commit message](http://tbaggery.com/2008/04/19/a-note-about-git-commit-messages.html).
* Each commit is signed by the author ([see below](#sign-your-work)).

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```
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can certify the below (from
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    person who certified (a), (b) or (c) and I have not modified
    it.

(d) I understand and agree that this project and the contribution
    are public and that a record of the contribution (including all
    personal information I submit with it, including my sign-off) is
    maintained indefinitely and may be redistributed consistent with
    this project or the open source license(s) involved.
```

then you just add a line to every git commit message:

  Signed-off-by: Joe Smith <joe@gmail.com>

using your real name (sorry, no pseudonyms or anonymous contributions.)

You can add the sign off when creating the git commit via `git commit -s`.

If you want this to be automatic you can set up some aliases:

```
git config --add alias.amend "commit -s --amend"
git config --add alias.c "commit -s"
```

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/CONTRIBUTING.md
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* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/setup.py
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* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/config.py
* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_metrics.py
* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/span_context.py
* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/crossdock/server/endtoend.py
* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_local_agent_net.py
* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_codecs.py
* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/local_agent_net.py
* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_sampler.py
* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/reporter.py
* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_config.py
* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/conftest.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/tracer.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_reporter.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/crossdock/server/constants.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/__init__.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/metrics.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_api.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/thrift.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_tracer.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_crossdock.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_noop_tracer.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/constants.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/sampler.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/TUDPTransport.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_rate_limiter.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/crossdock/server/server.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/span.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_span.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/crossdock/server/serializer.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/crossdock/server/thriftrw_serializer.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_tracer_benchmark.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_thrift.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/crossdock/server/__init__.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/__init__.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/codecs.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_span_context.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/rate_limiter.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/ioloop_util.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_TUDPTransport.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/tests/test_utils.py

* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client/utils.py

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* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/jaeger_client.egg-info/PKG-INFO
* /opt/ws_local/PERMITS_SQL/1090636630_1600331441.29/0/jaeger-client-3-8-0-tar-gz/jaeger-client-3.8.0/PKG-INFO

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1.7 future 0.18.2

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1.8 httplib 0.19.1

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1.9 objgraph 3.1.0

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1.10 python-json-logger 0.1.5

1.10.1 Available under license :

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Metadata-Version: 1.1

Name: python-json-logger

Version: 0.1.5

Summary: A python library adding a json log formatter

Home-page: http://github.com/madzak/python-json-logger

Author: Zakaria Zajac

Author-email: zak@madzak.com

License: BSD

Description: UNKNOWN

Platform: UNKNOWN

Classifier: Development Status :: 3 - Alpha

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.6

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.1

Classifier: Programming Language :: Python :: 3.2

Classifier: Programming Language :: Python :: 3.3

Classifier: Programming Language :: Python :: 3.4

Classifier: Topic :: System :: Logging

Found in path(s):

* /opt/cola/permits/1112217838_1607050024.56/0/python-json-logger-0-1-5-1-tar-gz/python-json-logger-0.1.5/src/python_json_logger.egg-info/PKG-INFO

* /opt/cola/permits/1112217838_1607050024.56/0/python-json-logger-0-1-5-1-tar-gz/python-json-logger-0.1.5/PKG-INFO

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```
import sys
from setuptools import setup, find_packages

if sys.version_info < (2, 6):
    print(sys.stderr, "{}: need Python 2.6 or later.".format(sys.argv[0]))
    print(sys.stderr, "Your Python is {}".format(sys.version))
    sys.exit(1)
```

```
setup(
  name="python-json-logger",
  version="0.1.5",
  url="http://github.com/madzak/python-json-logger",
  license="BSD",
  description="A python library adding a json log formatter",
  author="Zakaria Zajac",
  author_email="zak@madzak.com",
  package_dir={'': 'src'},
  packages=find_packages("src", exclude="tests"),
  test_suite="tests.tests",
  install_requires=['setuptools'],
  classifiers=[
    'Development Status :: 3 - Alpha',
    'Intended Audience :: Developers',
    'License :: OSI Approved :: BSD License',
    'Operating System :: OS Independent',
    'Programming Language :: Python',
    'Programming Language :: Python :: 2',
    'Programming Language :: Python :: 2.6',
    'Programming Language :: Python :: 2.7',
    'Programming Language :: Python :: 3',
    'Programming Language :: Python :: 3.1',
    'Programming Language :: Python :: 3.2',
    'Programming Language :: Python :: 3.3',
    'Programming Language :: Python :: 3.4',
    'Topic :: System :: Logging',
  ]
)
```

Found in path(s):

* /opt/cola/permits/1112217838_1607050024.56/0/python-json-logger-0-1-5-1-tar-gz/python-json-logger-0.1.5/setup.py

1.11 async-timeout 1.4.0

1.11.1 Available under license :

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1.12 thrift 0.14.0

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That's all there is to it!
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compiler/cpp/src/generate/t_java_generator.cc

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compiler/cpp/src/generate/t_rb_generator.cc

compiler/cpp/src/generate/t_st_generator.cc

compiler/cpp/src/generate/t_xsd_generator.cc

compiler/cpp/src/main.cc

compiler/cpp/src/parse/t_field.h

compiler/cpp/src/parse/t_program.h

compiler/cpp/src/platform.h

compiler/cpp/src/thriftl.ll

compiler/cpp/src/thrifty.yy

lib/netstd/src/Protocol/TBinaryProtocol.cs

lib/netstd/src/Protocol/TField.cs

lib/netstd/src/Protocol/TList.cs

lib/netstd/src/Protocol/TMap.cs

lib/netstd/src/Protocol/TMessage.cs

lib/netstd/src/Protocol/TMessageType.cs

lib/netstd/src/Protocol/TProtocol.cs

lib/netstd/src/Protocol/TProtocolException.cs

lib/netstd/src/Protocol/TProtocolFactory.cs

lib/netstd/src/Protocol/TProtocolUtil.cs

lib/netstd/src/Protocol/TSet.cs

lib/netstd/src/Protocol/TStruct.cs

lib/netstd/src/Protocol/TType.cs

lib/netstd/src/Server/TServer.cs

lib/netstd/src/Server/TSimpleServer.cs

lib/netstd/src/Server/TThreadPoolServer.cs

lib/netstd/src/TApplicationException.cs

lib/netstd/src/Thrift.csproj

lib/netstd/src/Thrift.sln

lib/netstd/src/TProcessor.cs

lib/netstd/src/Transport/TServerSocket.cs

lib/netstd/src/Transport/TServerTransport.cs

lib/netstd/src/Transport/TSocket.cs

lib/netstd/src/Transport/TStreamTransport.cs

lib/netstd/src/Transport/TTransport.cs

lib/netstd/src/Transport/TTransportException.cs

lib/netstd/src/Transport/TTransportFactory.cs

lib/netstd/ThriftMSBuildTask/Properties/AssemblyInfo.cs

lib/netstd/ThriftMSBuildTask/ThriftBuild.cs

lib/netstd/ThriftMSBuildTask/ThriftMSBuildTask.csproj

lib/rb/lib/thrift.rb
lib/st/README
lib/st/thrift.st
test/OptionalRequiredTest.cpp
test/OptionalRequiredTest.thrift
test/ThriftTest.thrift

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1.16 chardet 3.0.4

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Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
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work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

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Version: 1.5.5
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Author: UNKNOWN
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Platform: UNKNOWN
Requires-Dist: asn1crypto
Requires-Dist: certvalidator
Requires-Dist: oscrypto
Requires-Dist: pyOpenSSL

Installation
+ Works with: python 2 and 3 both
+ This is python certificate validator
+ Usage:

```
from cert_validator import CertValidator

cert_val_obj = CertValidator(<hostname>, <host_port>, revocation_mode,
                logger_handle, proxies=<dict>)

if cert_val_obj.connect():
  if cert_val_obj.validate():
     print("validation succesfull")
  else:
     print("validation failed !!!")
else:
   print("cannot connect to host")
```

+ Default values: host_port : 443 Integer

revocation_mode: "require" str # certificate must have crl or ocsp in it

  - available values: "soft-fail", "hard-fail", "require"

logger_handle = <None> logger_object

proxies = <None>, pass dictionary of proxies as

    { "https" : <https_proxy_url",

     "http" : <http_proxy_url"

    }

+ Exception handelling: socket error for connection

Found in path(s):

* /opt/cola/permits/1124962236_1611254838.76/0/cert-validator-1-5-5-dist-info-
zip/licenseservice_extracted/cert_validator-1.5.5-py3-none-any.whl_extracted/cert_validator-1.5.5.dist-
info/METADATA

1.18 py-zipkin 0.4.4

1.18.1 Available under license :

No license file was found, but licenses were detected in source scan.

Metadata-Version: 2.0

Name: py-zipkin

Version: 0.4.4

Summary: Library for using Zipkin in Python.

Home-page: https://github.com/Yelp/py_zipkin

Author: Yelp, Inc.

Author-email: opensource+py-zipkin@yelp.com

License: Copyright Yelp 2016

Platform: UNKNOWN

Classifier: Development Status :: 3 - Alpha

Classifier: Intended Audience :: Developers

Classifier: Topic :: Software Development :: Libraries :: Python Modules

Classifier: License :: OSI Approved :: Apache Software License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3.4

Classifier: Programming Language :: Python :: 3.5

Provides: py_zipkin

Requires-Dist: six

Requires-Dist: thriftpy

UNKNOWN

Found in path(s):

* /opt/cola/permits/1112217760_1607594653.26/0/py-zipkin-0-4-4-dist-info-
zip/inputdir/packages_extracted/39/py_zipkin-0.4.4.dist-info/METADATA

1.19 contextlib2 21.6.0

1.19.1 Available under license :

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==========================

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In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
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2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
3.2.1	3.2	2011	PSF	yes
3.2.2	3.2.1	2011	PSF	yes
3.3	3.2	2012	PSF	yes

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1.20 pyjwt 1.5.1

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1.21 maglev-api 1.7.17

1.21.1 Available under license :

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Metadata-Version: 2.0
Name: maglev-api
Version: 1.7.17
Summary: Maglev API (1.7.17)
Home-page: UNKNOWN
Author: UNKNOWN
Author-email: UNKNOWN
License: UNKNOWN
Platform: UNKNOWN
Requires-Dist: PyYAML (==3.12)
Requires-Dist: monotonic (==1.1)
Requires-Dist: requests (==2.25.1)

Installation
+ Requires : Python 3.5 download the dmg and install, use pyvenv to create a virtual environment

Found in path(s):

* /opt/cola/permits/1173188806_1624493616.1/0/maglev-api-1-7-17-dist-info-zip/inputdir/packages_extracted/targz/1/packages_extracted/3/packages_extracted/3/packages_extracted/94/maglev_api-1.7.17.dist-info/METADATA

1.22 certifi 2021.5.30

1.22.1 Available under license :

This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.23 urllib3 1.26.6

1.23.1 Available under license :

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1.24 oauth2-client 4.1.3

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Dependent Modules
=================

This code has the following dependencies
above and beyond the Python standard library:

httplib2 - MIT License

1.25 pytz 2021.1

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1.26 pyformance 0.3.4

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1.27 setuptools-rust 0.12.1

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1.29 jsonschema 2.5.1

1.29.1 Available under license :

1.30 telemetry-agent 1.5.0

1.30.1 Available under license :

No license file was found, but licenses were detected in source scan.

Metadata-Version: 2.1

Name: telemetry-agent

Version: 1.5.0

Summary: Maglev Telemetry Agent (1.5.0)

Home-page: UNKNOWN

License: UNKNOWN

Platform: manylinux1_x86_64

Requires-Dist: setuptools-rust

Requires-Dist: maglev-common (~=1.7.0)

Requires-Dist: maglev-api (~=1.7.0)

Requires-Dist: maglev-internal-api (~=1.7.0)

Requires-Dist: maglev-appserver (~=1.8.0)

Requires-Dist: cert-validator (~=1.5.0)

Requires-Dist: urllib3 (>=1.25.9)

Installation

+ Requires : Python 3.5 download the dmg and install, use pyvenv to create a virtual environment

Testing

TEST_MODE=true START_MOCK=True SERVER_NAME=telemetry_agent python -m telemetry_agent
SERVER_NAME=telemetry_agent pytest -s tests/

Found in path(s):

* /opt/cola/permits/1155096251_1626370123.6/0/telemetry-agent-1-5-0-dist-info-
zip/telemetry_agent_extracted/telemetry_agent-1.5.0-py3-none-any.whl_extracted/telemetry_agent-1.5.0.dist-
info/METADATA

1.31 maglev-common 1.7.26

1.31.1 Available under license :

No license file was found, but licenses were detected in source scan.

Metadata-Version: 2.0

Name: maglev-common

Version: 1.7.26

Summary: Maglev Common (1.7.26)

Home-page: UNKNOWN

Author: UNKNOWN

Author-email: UNKNOWN

License: UNKNOWN

Platform: UNKNOWN

Requires-Dist: PyYAML (==3.12)

Requires-Dist: dnspython (==1.16.0)

Requires-Dist: ipcalc (==1.99.0)

Requires-Dist: kubernetes (==10.0.0)

Requires-Dist: maglev-api (~=1.7.0)

Requires-Dist: maglev-appserver (~=1.8.0)

Requires-Dist: monotonic (==1.1)

Requires-Dist: pykube (==0.15.0)

Requires-Dist: python-etcd (==0.4.5)

Requires-Dist: rsa (==4.5)

Installation

+ Requires : Python 3.5 download the dmg and install, use pyvenv to create a virtual environment

Found in path(s):

* /opt/cola/permits/1180787858_1626370126.62/0/maglev-common-1-7-26-dist-info-zip/telemetry_agent_extracted/maglev_common-1.7.26-py3-none-any.whl_extracted/maglev_common-1.7.26.dist-info/METADATA

1.32 thriftpy 0.3.9

1.32.1 Available under license :

No license file was found, but licenses were detected in source scan.

Metadata-Version: 1.1

Name: thriftpy

Version: 0.3.9

Summary: Pure python implementation of Apache Thrift.

Home-page: https://thriftpy.readthedocs.org/

Author: Lx Yu

Author-email: i@lxyu.net

License: MIT

Description: ========

    ThriftPy

    ========

    .. image:: http://img.shields.io/travis/eleme/thriftpy/develop.svg?style=flat

      :target: https://travis-ci.org/eleme/thriftpy

    .. image:: http://img.shields.io/github/release/eleme/thriftpy.svg?style=flat

      :target: https://github.com/eleme/thriftpy/releases

    .. image:: http://img.shields.io/pypi/v/thriftpy.svg?style=flat

      :target: https://pypi.python.org/pypi/thriftpy

    .. image:: http://img.shields.io/pypi/dm/thriftpy.svg?style=flat

      :target: https://pypi.python.org/pypi/thriftpy

    ThriftPy is a pure python implementation of

    `Apache Thrift <http://thrift.apache.org/>`_ in a pythonic way.

Documentation: https://thriftpy.readthedocs.org/

Installation
============

Install with pip.

.. code:: bash

    $ pip install thriftpy

You may also install cython first to build cython extension locally.

.. code:: bash

    $ pip install cython thriftpy

Code Demo
=========

ThriftPy make it super easy to write server/client code with thrift. Let's
checkout this simple pingpong service demo.

We need a 'pingpong.thrift' file:

::

    service PingPong {
        string ping(),
    }

Then we can make a server:

.. code:: python

    import thriftpy
    pingpong_thrift = thriftpy.load("pingpong.thrift", module_name="pingpong_thrift")

    from thriftpy.rpc import make_server

    class Dispatcher(object):
        def ping(self):
            return "pong"

    server = make_server(pingpong_thrift.PingPong, Dispatcher(), '127.0.0.1', 6000)

```
   server.serve()
```

And a client:

.. code:: python

```
   import thriftpy
   pingpong_thrift = thriftpy.load("pingpong.thrift", module_name="pingpong_thrift")

   from thriftpy.rpc import make_client

   client = make_client(pingpong_thrift.PingPong, '127.0.0.1', 6000)
   print(client.ping())
```

See, it's that easy!

You can refer to 'examples' and 'tests' directory in source code for more
usage examples.

Features
========

Currently ThriftPy have these features (also advantages over the upstream
python lib):

- Supports python2.6+, python3.3+, pypy and pypy3.

- Pure python implementation. No longer need to compile & install the 'thrift'
  package. All you need is thriftpy and thrift file.

- Compatible with Apache Thrift. You can use ThriftPy together with the
  official implementation servers and clients, such as a upstream server with
  a thriftpy client or the opposite.

  Currently implemented protocols and transports:

  * binary protocol (python and cython)

  * compact protocol (python and cython)

  * json protocol

  * buffered transport (python & cython)

  * framed transport

* tornado server and client (with tornado 4.0)

- Can directly load thrift file as module, the sdk code will be generated on
  the fly.

  For example, ``pingpong_thrift = thriftpy.load("pingpong.thrift", module_name="pingpong_thrift")``
  will load 'pingpong.thrift' as 'pingpong_thrift' module.

  Or, when import hook enabled by ``thriftpy.install_import_hook()``, you can
  directly use ``import pingpong_thrift`` to import the 'pingpong.thrift' file
  as module, you may also use ``from pingpong_thrift import PingService`` to
  import specific object from the thrift module.

- Easy RPC server/client setup.

Contribute
==========

1. Fork the repo and make changes.

2. Write a test which shows a bug was fixed or the feature works as expected.

3. Make sure ``travis-ci`` or ``tox`` tests succeed.

4. Send pull request.

Contributors
============

https://github.com/eleme/thriftpy/graphs/contributors

Changelog
=========

https://github.com/eleme/thriftpy/blob/master/CHANGES.rst

Keywords: thrift python thriftpy
Platform: UNKNOWN
Classifier: Topic :: Software Development
Classifier: Development Status :: 4 - Beta
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: MIT License
Classifier: Programming Language :: Python :: 2.6

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3.3

Classifier: Programming Language :: Python :: 3.4

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: Implementation :: CPython

Classifier: Programming Language :: Python :: Implementation :: PyPy

Found in path(s):

* /opt/cola/permits/1112217963_1607050005.29/0/thriftpy-0-3-9-1-tar-gz/thriftpy-0.3.9/thriftpy.egg-info/PKG-INFO

* /opt/cola/permits/1112217963_1607050005.29/0/thriftpy-0-3-9-1-tar-gz/thriftpy-0.3.9/PKG-INFO

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Found in path(s):

* /opt/cola/permits/1112217963_1607050005.29/0/thriftpy-0-3-9-1-tar-gz/thriftpy-0.3.9/setup.py

1.33 uvloop 0.7.0

1.33.1 Available under license :

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1.34 toml 0.10.2

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1.35 maglev-appserver 1.8.28

1.35.1 Available under license :

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Metadata-Version: 2.0

Name: maglev-appserver

Version: 1.8.28

Summary: Maglev Python AppServer(1.8.28)

Home-page: UNKNOWN

Author: UNKNOWN

Author-email: UNKNOWN

License: UNKNOWN

Platform: UNKNOWN

Requires-Dist: Jinja2 (==2.11.3)

Requires-Dist: MarkupSafe (==1.1.1)

Requires-Dist: aiohttp (==2.2.5)

Requires-Dist: aiohttp-swagger (==1.0.4)

Requires-Dist: async-timeout (==1.4.0)

Requires-Dist: chardet (==3.0.4)

Requires-Dist: importlib-metadata (==2.0.0)

Requires-Dist: influxdb (==3.0.0)

Requires-Dist: jaeger-client (==3.8.0)

Requires-Dist: jsonschema (==2.5.1)

Requires-Dist: maglev-appctl (~=1.7.0)

Requires-Dist: maglev-fips (~=1.0.0)

Requires-Dist: motor (==1.1)

Requires-Dist: multidict (==4.7.6)

Requires-Dist: objgraph (==3.1.0)

Requires-Dist: opentracing (==1.3.0)

Requires-Dist: opentracing-instrumentation (==2.4.0)

Requires-Dist: pika (==0.10.0)

Requires-Dist: py-zipkin (==0.4.4)

Requires-Dist: pyJwt (==1.5.1)

Requires-Dist: pyformance (==0.3.4)

Requires-Dist: pymongo (==3.10.1)

Requires-Dist: python-json-logger (==0.1.5)

Requires-Dist: requests (==2.25.1)

Requires-Dist: setuptools (==41.2.0)

Requires-Dist: setuptools-scm (==3.4.3)

Requires-Dist: toml (==0.10.0)

Requires-Dist: tornado (==4.5.3)

Requires-Dist: urllib3 (==1.24.3)

Requires-Dist: uvloop (==0.7.0)

Requires-Dist: yarl (==0.18.0)

Requires-Dist: zipp (==1.0.0)

Installation

+ Requires : Python 3.5 download the dmg and install, use pyvenv to create a virtual environment

How to test and develop in local mac

  - Use pyvenv to create a virtual env in /opt/maglev

  - u can either call the activate script to activate the virtualenv

Found in path(s):

* /opt/cola/permits/1175986153_1624561285.54/0/maglev-appserver-1-8-28-dist-info-
zip/inputdir/packages_extracted/tar/1/packages_extracted/27/packages_extracted/usr/local/lib/python3.6/dist-
packages/maglev_appserver-1.8.28.dist-info/METADATA

1.36 motor 1.1

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1.37 more-itertools 8.8.0

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1.38 ply 3.11

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PLY (Python Lex-Yacc)   Version 3.11

[![Build Status](https://travis-ci.org/dabeaz/ply.svg?branch=master)](https://travis-ci.org/dabeaz/ply)

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Introduction
============

PLY is a 100% Python implementation of the common parsing tools lex
and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc.
  If you know how to use these tools in C, you will find PLY
  to be similar.

- PLY provides *very* extensive error reporting and diagnostic
  information to assist in parser construction. The original
  implementation was developed for instructional purposes. As
  a result, the system tries to identify the most common types
  of errors made by novice users.

- PLY provides full support for empty productions, error recovery,
  precedence specifiers, and moderately ambiguous grammars.

- Parsing is based on LR-parsing which is fast, memory efficient,
  better suited to large grammars, and which has a number of nice
  properties when dealing with syntax errors and other parsing problems.
  Currently, PLY builds its parsing tables using the LALR(1)
  algorithm used in yacc.

- PLY uses Python introspection features to build lexers and parsers.
  This greatly simplifies the task of parser construction since it reduces
  the number of files and eliminates the need to run a separate lex/yacc
  tool before running your program.

- PLY can be used to build parsers for "real" programming languages.
  Although it is not ultra-fast due to its Python implementation,
  PLY can be used to parse grammars consisting of several hundred
  rules (as might be found for a language like C). The lexer and LR
  parser are also reasonably efficient when parsing typically
  sized programs. People have used PLY to build parsers for
  C, C++, ADA, and other real programming languages.

How to Use
==========

PLY consists of two files : lex.py and yacc.py. These are contained
within the 'ply' directory which may also be used as a Python package.
To use PLY, simply copy the 'ply' directory to your project and import
lex and yacc from the associated 'ply' package. For example:

```
import ply.lex as lex
import ply.yacc as yacc
```

Alternatively, you can copy just the files lex.py and yacc.py
individually and use them as modules. For example:

```
import lex
import yacc
```

The file setup.py can be used to install ply using distutils.

The file doc/ply.html contains complete documentation on how to use
the system.

The example directory contains several different examples including a
PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

Requirements
============
PLY requires the use of Python 2.6 or greater. However, you should
use the latest Python release if possible. It should work on just
about any platform. PLY has been tested with both CPython and Jython.
It also seems to work with IronPython.

Resources
=========
More information about PLY can be obtained on the PLY webpage at:

```
http://www.dabeaz.com/ply
```

For a detailed overview of parsing theory, consult the excellent
book "Compilers : Principles, Techniques, and Tools" by Aho, Sethi, and
Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown
may also be useful.

The GitHub page for PLY can be found at:

   https://github.com/dabeaz/ply

An old and relatively inactive discussion group for PLY is found at:

   http://groups.google.com/group/ply-hack

Acknowledgments
===============
A special thanks is in order for all of the students in CS326 who
suffered through about 25 different versions of these tools :-).

The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x.
Andrew Waters and Markus Schoepflin were instrumental in reporting bugs
and testing a revised LALR(1) implementation for PLY-2.0.

Special Note for PLY-3.0
========================
PLY-3.0 the first PLY release to support Python 3. However, backwards
compatibility with Python 2.6 is still preserved. PLY provides dual
Python 2/3 compatibility by restricting its implementation to a common
subset of basic language features. You should not convert PLY using
2to3--it is not necessary and may in fact break the implementation.

Example
=======

Here is a simple example showing a PLY implementation of a calculator
with variables.

```
# -----------------------------------------------------------------------------
# calc.py
#
# A simple calculator with variables.
# -----------------------------------------------------------------------------

tokens = (
    'NAME','NUMBER',
    'PLUS','MINUS','TIMES','DIVIDE','EQUALS',
    'LPAREN','RPAREN',
```

```python
    )

# Tokens

t_PLUS    = r'\+'
t_MINUS   = r'-'
t_TIMES   = r'\*'
t_DIVIDE  = r'/'
t_EQUALS  = r'='
t_LPAREN  = r'\('
t_RPAREN  = r'\)'
t_NAME    = r'[a-zA-Z_][a-zA-Z0-9_]*'

def t_NUMBER(t):
    r'\d+'
    t.value = int(t.value)
    return t

# Ignored characters
t_ignore = " \t"

def t_newline(t):
    r'\n+'
    t.lexer.lineno += t.value.count("\n")

def t_error(t):
    print("Illegal character '%s'" % t.value[0])
    t.lexer.skip(1)

# Build the lexer
import ply.lex as lex
lex.lex()

# Precedence rules for the arithmetic operators
precedence = (
    ('left','PLUS','MINUS'),
    ('left','TIMES','DIVIDE'),
    ('right','UMINUS'),
    )

# dictionary of names (for storing variables)
names = { }

def p_statement_assign(p):
    'statement : NAME EQUALS expression'
    names[p[1]] = p[3]

def p_statement_expr(p):
```

```python
    'statement : expression'
    print(p[1])


def p_expression_binop(p):
    '''expression : expression PLUS expression
              | expression MINUS expression
              | expression TIMES expression
              | expression DIVIDE expression'''
    if p[2] == '+'  : p[0] = p[1] + p[3]
    elif p[2] == '-': p[0] = p[1] - p[3]
    elif p[2] == '*': p[0] = p[1] * p[3]
    elif p[2] == '/': p[0] = p[1] / p[3]


def p_expression_uminus(p):
    'expression : MINUS expression %prec UMINUS'
    p[0] = -p[2]


def p_expression_group(p):
    'expression : LPAREN expression RPAREN'
    p[0] = p[2]


def p_expression_number(p):
    'expression : NUMBER'
    p[0] = p[1]


def p_expression_name(p):
    'expression : NAME'
    try:
        p[0] = names[p[1]]
    except LookupError:
        print("Undefined name '%s'" % p[1])
        p[0] = 0


def p_error(p):
    print("Syntax error at '%s'" % p.value)

import ply.yacc as yacc
yacc.yacc()

while True:
    try:
        s = raw_input('calc > ')   # use input() on Python 3
    except EOFError:
        break
    yacc.parse(s)
```

Bug Reports and Patches

========================

My goal with PLY is to simply have a decent lex/yacc implementation
for Python. As a general rule, I don't spend huge amounts of time
working on it unless I receive very specific bug reports and/or
patches to fix problems. I also try to incorporate submitted feature
requests and enhancements into each new version. Please visit the PLY
github page at https://github.com/dabeaz/ply to submit issues and pull
requests. To contact me about bugs and/or new features, please send
email to dave@dabeaz.com.

-- Dave

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1.39 pymongo 3.10.1

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1.41 maglev-internal-api 1.7.35

1.41.1 Available under license :

No license file was found, but licenses were detected in source scan.

Metadata-Version: 2.0
Name: maglev-internal-api
Version: 1.7.35
Summary: Maglev Internal API Library (1.7.35)
Home-page: UNKNOWN
Author: UNKNOWN
Author-email: UNKNOWN
License: UNKNOWN
Platform: UNKNOWN
Requires-Dist: aiohttp (==2.2.5)
Requires-Dist: chardet (==3.0.4)
Requires-Dist: dnspython (==1.16.0)
Requires-Dist: idna (==2.7)
Requires-Dist: monotonic (==1.1)
Requires-Dist: python-etcd (==0.4.5)
Requires-Dist: urllib3 (~=1.24.3)
Requires-Dist: yarl (==0.18.0)

Installation
+ Requires : Python 3.5 download the dmg and install, use pyvenv to create a virtual environment

Found in path(s):
* /opt/cola/permits/1180787864_1626370129.86/0/maglev-internal-api-1-7-35-dist-info-
zip/telemetry_agent_extracted/maglev_internal_api-1.7.35-py3-none-any.whl_extracted/maglev_internal_api-
1.7.35.dist-info/METADATA

1.42 semantic-version 2.8.5

1.42.1 Available under license :

1.43 oauthlib 3.1.1

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1.44 zipp 1.0.0
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1.45 click-completion 0.2.1
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1.46 cffi 1.14.5

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1.47 pycparser 2.20

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pycparser -- A C parser in Python

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1.48 pyparsing 2.4.7

1.48.1 Available under license :

1.49 threadloop 1.0.2

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* /opt/ws_local/PERMITS_SQL/1068249083_1594327994.86/0/threadloop-1-0-2-tar-gz/threadloop-1.0.2/setup.py

1.50 aiohttp-swagger 1.0.4

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Project home: https://github.com/cr0hn/aiohttp-swagger
Project contact: cr0hn[at]cr0hn.com

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1.51 kubernetes 10.0.0

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1.53 opentracing-instrumentation 2.4.0

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gz/opentracing_instrumentation-2.4.0/opentracing_instrumentation/client_hooks/tornado_http.py
* /opt/cola/permits/1112217922_1607050028.33/0/opentracing-instrumentation-2-4-0-1-tar-
gz/opentracing_instrumentation-2.4.0/opentracing_instrumentation/client_hooks/_dbapi2.py
* /opt/cola/permits/1112217922_1607050028.33/0/opentracing-instrumentation-2-4-0-1-tar-
gz/opentracing_instrumentation-2.4.0/opentracing_instrumentation/config.py
* /opt/cola/permits/1112217922_1607050028.33/0/opentracing-instrumentation-2-4-0-1-tar-
gz/opentracing_instrumentation-2.4.0/opentracing_instrumentation/request_context.py
* /opt/cola/permits/1112217922_1607050028.33/0/opentracing-instrumentation-2-4-0-1-tar-
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* /opt/cola/permits/1112217922_1607050028.33/0/opentracing-instrumentation-2-4-0-1-tar-
gz/opentracing_instrumentation-2.4.0/opentracing_instrumentation/client_hooks/sqlalchemy.py
* /opt/cola/permits/1112217922_1607050028.33/0/opentracing-instrumentation-2-4-0-1-tar-
gz/opentracing_instrumentation-2.4.0/opentracing_instrumentation/client_hooks/__init__.py
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gz/opentracing_instrumentation-2.4.0/opentracing_instrumentation/client_hooks/psycopg2.py
* /opt/cola/permits/1112217922_1607050028.33/0/opentracing-instrumentation-2-4-0-1-tar-
gz/opentracing_instrumentation-2.4.0/opentracing_instrumentation/local_span.py
* /opt/cola/permits/1112217922_1607050028.33/0/opentracing-instrumentation-2-4-0-1-tar-
gz/opentracing_instrumentation-2.4.0/opentracing_instrumentation/client_hooks/strict_redis.py
* /opt/cola/permits/1112217922_1607050028.33/0/opentracing-instrumentation-2-4-0-1-tar-
gz/opentracing_instrumentation-2.4.0/opentracing_instrumentation/http_server.py
* /opt/cola/permits/1112217922_1607050028.33/0/opentracing-instrumentation-2-4-0-1-tar-
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* /opt/cola/permits/1112217922_1607050028.33/0/opentracing-instrumentation-2-4-0-1-tar-
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* /opt/cola/permits/1112217922_1607050028.33/0/opentracing-instrumentation-2-4-0-1-tar-
gz/opentracing_instrumentation-2.4.0/opentracing_instrumentation/interceptors.py
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Metadata-Version: 1.1
Name: opentracing_instrumentation
Version: 2.4.0
Summary: Tracing Instrumentation using OpenTracing API (http://opentracing.io)
Home-page: https://github.com/uber-common/opentracing-python-instrumentation
Author: Yuri Shkuro
Author-email: ys@uber.com
License: MIT
Description-Content-Type: UNKNOWN
Description: UNKNOWN
Keywords: opentracing
Platform: any
Classifier: Development Status :: 3 - Alpha
Classifier: Intended Audience :: Developers
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Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: Implementation :: PyPy
Classifier: Topic :: Software Development :: Libraries :: Python Modules

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Metadata-Version: 1.1
Name: opentracing-instrumentation
Version: 2.4.0
Summary: Tracing Instrumentation using OpenTracing API (http://opentracing.io)
Home-page: https://github.com/uber-common/opentracing-python-instrumentation
Author: Yuri Shkuro
Author-email: ys@uber.com
License: MIT
Description-Content-Type: UNKNOWN
Description: UNKNOWN
Keywords: opentracing

Platform: any

Classifier: Development Status :: 3 - Alpha

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Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: Implementation :: PyPy

Classifier: Topic :: Software Development :: Libraries :: Python Modules

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1.56 maglev-appctl 1.7.14

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Metadata-Version: 2.0
Name: maglev-appctl
Version: 1.7.14
Summary: Maglev Python Application Controller (1.7.14)
Home-page: UNKNOWN
Author: UNKNOWN
Author-email: UNKNOWN

License: UNKNOWN

Platform: UNKNOWN

Requires-Dist: MarkupSafe (==1.1.1)

Requires-Dist: click (==6.6)

Requires-Dist: click-completion (==0.2.1)

Requires-Dist: hprof2flamegraph (==0.0.6)

Requires-Dist: jinja2 (==2.8)

Requires-Dist: psutil (==5.6.6)

Requires-Dist: pyJwt (==1.5.1)

Requires-Dist: requests (==2.25.1)

Requires-Dist: toml (==0.9.2)

Installation

+ Requires : Python 3.5 download the dmg and install, use pyvenv to create a virtual environment

How to test and develop in local mac

  - Use pyvenv to create a virtual env in /opt/maglev

  - u can either call the activate script to activate the virtualenv

Found in path(s):

* /opt/cola/permits/1175807170_1624493809.75/0/maglev-appctl-1-7-14-dist-info-
zip/inputdir/packages_extracted/targz/1/packages_extracted/3/packages_extracted/3/packages_extracted/26/maglev_
appctl-1.7.14.dist-info/METADATA

1.57 hprof2flamegraph 0.0.6

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1.58 psutil 5.6.6

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1.59 oscrypto 1.2.1

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1.60 wrapt 1.12.1

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1.61 idna 2.7

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```
"""
A library to support the Internationalised Domain Names in Applications
(IDNA) protocol as specified in RFC 5890 et.al. This new methodology,
known as IDNA 2008, can generate materially different results to the
previous standard. The library can act as a drop-in replacement for
the "encodings.idna" module.
"""

import io, sys
from setuptools import setup


def main():

    python_version = sys.version_info[:2]
    if python_version < (2,6):
        raise SystemExit("Sorry, Python 2.6 or newer required")

    package_data = {}
    exec(open('idna/package_data.py').read(), package_data)

    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': package_data['__version__'],
        'description': 'Internationalized Domain Names in Applications (IDNA)',
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
```

```
        'author': 'Kim Davies',
        'author_email': 'kim@cynosure.com.au',
        'license': 'BSD-like',
        'url': 'https://github.com/kjd/idna',
        'classifiers': [
            'Development Status :: 5 - Production/Stable',
            'Intended Audience :: Developers',
            'Intended Audience :: System Administrators',
            'License :: OSI Approved :: BSD License',
            'Operating System :: OS Independent',
            'Programming Language :: Python',
            'Programming Language :: Python :: 2.6',
            'Programming Language :: Python :: 2.7',
            'Programming Language :: Python :: 3',
            'Programming Language :: Python :: 3.3',
            'Programming Language :: Python :: 3.4',
            'Programming Language :: Python :: 3.5',
            'Programming Language :: Python :: 3.6',
            'Topic :: Internet :: Name Service (DNS)',
            'Topic :: Software Development :: Libraries :: Python Modules',
            'Topic :: Utilities',
        ],
        'test_suite': 'tests',
    }

    setup(**arguments)

if __name__ == '__main__':
    main()
```

Found in path(s):
* /opt/cola/permits/1110765725_1606850597.72/0/kjd-idna-v2-7-0-g5d76cb6-1-tar-gz/kjd-idna-77c8bce/setup.py
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77c8bce/LICENSE.rst

1.62 ipcalc 1.99.0

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1.63 pykube 0.15.0

1.63.1 Available under license :

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Metadata-Version: 1.1

Name: pykube

Version: 0.15.0

Summary: Python client library for Kubernetes

Home-page: https://github.com/kelproject/pykube

Author: Eldarion, Inc.

Author-email: development@eldarion.com

License: Apache

Description: pykube

======

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Python client library for Kubernetes

.. image:: https://storage.googleapis.com/kel-assets/kel_full-02_200.jpg
   :target: http://kelproject.com/

Kel is an open source Platform as a Service (PaaS) from Eldarion, Inc. that makes it easy to manage web application deployment and hosting through the entire lifecycle from development through testing to production. It adds components and tools on top of Kubernetes that help developers manage their application infrastructure. Kel builds on Eldarion's 7+ years experience running one of the leading Python and Django PaaSes.

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.. _Slack team: http://slack.kelproject.com/

Features
----

* HTTP interface using requests using kubeconfig for authentication
* Python native querying of Kubernetes API objects

Installation

To install pykube, use pip::

    pip install pykube

Usage

Query for all ready pods in a custom namespace:

.. code:: python

    import operator
    import pykube

    api = pykube.HTTPClient(pykube.KubeConfig.from_file("/Users/<username>/.kube/config"))
    pods = pykube.Pod.objects(api).filter(namespace="gondor-system")
    ready_pods = filter(operator.attrgetter("ready"), pods)

Selector query:

.. code:: python

    pods = pykube.Pod.objects(api).filter(
        namespace="gondor-system",
        selector={"gondor.io/name__in": {"api-web", "api-worker"}},
)
    pending_pods = pykube.objects.Pod.objects(api).filter(
        field_selector={"status.phase": "Pending"}
)

Watch query:

.. code:: python

```python
watch = pykube.Job.objects(
    api,
    namespace="gondor-system")
  .filter(field_selector={"metadata.name":"my-job"})
  .watch()

# watch is a generator:
for watch_event in watch:
  print(watch.type) # 'ADDED', 'DELETED', 'MODIFIED'
  print(watch.object) # pykube.Job object
```

Create a ReplicationController:

.. code:: python

```
obj = {
  "apiVersion": "v1",
  "kind": "ReplicationController",
  "metadata": {
    "name": "my-rc",
    "namespace": "gondor-system"
  },
  "spec": {
    "replicas": 3,
    "selector": {
      "app": "nginx"
    },
    "template": {
      "metadata": {
        "labels": {
          "app": "nginx"
        }
      },
      "spec": {
        "containers": [
          {
            "name": "nginx",
            "image": "nginx",
            "ports": [
              {"containerPort": 80}
            ]
          }
        ]
      }
    }
  }
}
```

```
pykube.ReplicationController(api, obj).create()
```

Delete a ReplicationController:

.. code:: python

```
obj = {
    "apiVersion": "v1",
    "kind": "ReplicationController",
    "metadata": {
        "name": "my-rc",
        "namespace": "gondor-system"
    }
}
pykube.ReplicationController(api, obj).delete()
```

Check server version:

.. code:: python

```
api = pykube.HTTPClient(pykube.KubeConfig.from_file("/Users/<username>/.kube/config"))
api.version
```

Requirements
----

* Python 2.7 or 3.3+
* requests (included in ``install_requires``)
* PyYAML (included in ``install_requires``)

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Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: Apache Software License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python

Found in path(s):
* /opt/cola/permits/1112217860_1607050221.91/0/pykube-0-15-0-1-tar-gz/pykube-0.15.0/PKG-INFO
* /opt/cola/permits/1112217860_1607050221.91/0/pykube-0-15-0-1-tar-gz/pykube-0.15.0/pykube.egg-info/PKG-INFO
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1.64 pyopenssl 20.0.1
1.64.1 Available under license :

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1.65 dns-python 1.16.0

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1.69 python-etcd 0.4.5

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Metadata-Version: 1.1
Name: python-etcd
Version: 0.4.5
Summary: A python client for etcd
Home-page: http://github.com/jplana/python-etcd
Author: Jose Plana
Author-email: jplana@gmail.com
License: MIT
Description: python-etcd documentation
     =========================

     A python client for Etcd https://github.com/coreos/etcd

     Official documentation: http://python-etcd.readthedocs.org/

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Installation

Pre-requirements
~~~~~~~~~~~~~~~~

This version of python-etcd will only work correctly with the etcd server version 2.0.x or later. If you are running an older version of etcd, please use python-etcd 0.3.3 or earlier.

This client is known to work with python 2.7 and with python 3.3 or above. It is not tested or expected to work in more outdated versions of python.

From source
~~~~~~~~~~~

.. code:: bash

    $ python setup.py install

Usage

The basic methods of the client have changed compared to previous versions, to reflect the new API structure; however a compatibility layer has been maintained so that you don't necessarily need to rewrite all your existing code.

Create a client object
~~~~~~~~~~~~~~~~~~~~~~~

.. code:: python

    import etcd

    client = etcd.Client() # this will create a client against etcd server running on localhost on port 4001
    client = etcd.Client(port=4002)
    client = etcd.Client(host='127.0.0.1', port=4003)
    client = etcd.Client(host=(('127.0.0.1', 4001), ('127.0.0.1', 4002), ('127.0.0.1', 4003)))
    client = etcd.Client(host='127.0.0.1', port=4003, allow_redirect=False) # wont let you run sensitive commands on non-leader machines, default is true
    # If you have defined a SRV record for _etcd._tcp.example.com pointing to the clients
    client = etcd.Client(srv_domain='example.com', protocol="https")
    # create a client against https://api.example.com:443/etcd
    client = etcd.Client(host='api.example.com', protocol='https', port=443, version_prefix='/etcd')

Write a key

~~~~~~~~~~~

.. code:: python

```
client.write('/nodes/n1', 1)
# with ttl
client.write('/nodes/n2', 2, ttl=4)  # sets the ttl to 4 seconds
client.set('/nodes/n2', 1) # Equivalent, for compatibility reasons.
```

Read a key
~~~~~~~~~~

.. code:: python

```
client.read('/nodes/n2').value
client.read('/nodes', recursive = True) #get all the values of a directory, recursively.
client.get('/nodes/n2').value

# raises etcd.EtcdKeyNotFound when key not found
try:
    client.read('/invalid/path')
except etcd.EtcdKeyNotFound:
    # do something
    print "error"
```

Delete a key
~~~~~~~~~~~~

.. code:: python

```
client.delete('/nodes/n1')
```

Atomic Compare and Swap
~~~~~~~~~~~~~~~~~~~~~~~~

.. code:: python

```
client.write('/nodes/n2', 2, prevValue = 4) # will set /nodes/n2 's value to 2 only if its previous value was 4
and
client.write('/nodes/n2', 2, prevExist = False) # will set /nodes/n2 's value to 2 only if the key did not exist
before
client.write('/nodes/n2', 2, prevIndex = 30) # will set /nodes/n2 's value to 2 only if the key was last modified
at index 30
client.test_and_set('/nodes/n2', 2, 4) #equivalent to client.write('/nodes/n2', 2, prevValue = 4)
```

You can also atomically update a result:

```
.. code:: python

   result = client.read('/foo')
   print(result.value) # bar
   result.value += u'bar'
   updated = client.update(result) # if any other client wrote '/foo' in the meantime this will fail
   print(updated.value) # barbar
```

Watch a key
~~~~~~~~~~~

```
.. code:: python

   client.read('/nodes/n1', wait = True) # will wait till the key is changed, and return once its changed
   client.read('/nodes/n1', wait = True, timeout=30) # will wait till the key is changed, and return once its
   changed, or exit with an exception after 30 seconds.
   client.read('/nodes/n1', wait = True, waitIndex = 10) # get all changes on this key starting from index 10
   client.watch('/nodes/n1') #equivalent to client.read('/nodes/n1', wait = True)
   client.watch('/nodes/n1', index = 10)
```

Refreshing key TTL
~~~~~~~~~~~~~~~~~~

(Since etcd 2.3.0) Keys in etcd can be refreshed without notifying current watchers.

This can be achieved by setting the refresh to true when updating a TTL.

You cannot update the value of a key when refreshing it.

```
.. code:: python

   client.write('/nodes/n1', 'value', ttl=30)  # sets the ttl to 30 seconds
   client.refresh('/nodes/n1', ttl=600)  # refresh ttl to 600 seconds, without notifying current watchers
```

Locking module
~~~~~~~~~~~~~~

```
.. code:: python

   # Initialize the lock object:
   # NOTE: this does not acquire a lock yet
   client = etcd.Client()
   # Or you can custom lock prefix, default is '/_locks/' if you are using HEAD
   client = etcd.Client(lock_prefix='/my_etcd_root/_locks')
   lock = etcd.Lock(client, 'my_lock_name')

   # Use the lock object:
   lock.acquire(blocking=True, # will block until the lock is acquired
```

```
        lock_ttl=None) # lock will live until we release it
    lock.is_acquired  # True
    lock.acquire(lock_ttl=60) # renew a lock
    lock.release() # release an existing lock
    lock.is_acquired  # False

    # The lock object may also be used as a context manager:
    client = etcd.Client()
    with etcd.Lock(client, 'customer1') as my_lock:
        do_stuff()
        my_lock.is_acquired  # True
        my_lock.acquire(lock_ttl=60)
    my_lock.is_acquired  # False
```

Get machines in the cluster
~~~~~~~~~~~~~~~~~~~~~~~~~~~

.. code:: python

```
    client.machines
```

Get leader of the cluster
~~~~~~~~~~~~~~~~~~~~~~~~~~

.. code:: python

```
    client.leader
```

Generate a sequential key in a directory
~~~~~~

.. code:: python

```
    x = client.write("/dir/name", "value", append=True)
    print("generated key: " + x.key)
    print("stored value: " + x.value)
```

List contents of a directory
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

.. code:: python

```
    #stick a couple values in the directory
    client.write("/dir/name", "value1", append=True)
    client.write("/dir/name", "value2", append=True)

    directory = client.get("/dir/name")
```

```
    # loop through directory children
    for result in directory.children:
      print(result.key + ": " + result.value)

    # or just get the first child value
    print(directory.children.next().value)
```

Development setup

To create a buildout,

.. code:: bash

```
    $ python bootstrap.py
    $ bin/buildout
```

to test you should have etcd available in your system path:

.. code:: bash

```
    $ bin/test
```

to generate documentation,

.. code:: bash

```
    $ cd docs
    $ make
```

Release HOWTO

To make a release

    1) Update release date/version in NEWS.txt and setup.py
    2) Run 'python setup.py sdist'
    3) Test the generated source distribution in dist/
    4) Upload to PyPI: 'python setup.py sdist register upload'

News
====
0.4.5

Release date: 3-Mar-2017

* Remove dnspython2/3 requirement
* Change property name setter in lock
* Fixed acl tests
* Added version/cluster_version properties to client
* Fixes in lock when used as context manager
* Fixed improper usage of urllib3 exceptions
* Minor fixes for error classes
* In lock return modifiedIndex to watch changes
* In lock fix context manager exception handling
* Improvments to the documentation
* Remove _base_uri only after refresh from cluster
* Avoid double update of _machines_cache

0.4.4

Release date: 10-Jan-2017

* Fix some tests
* Use sys,version_info tuple, instead of named tuple
* Improve & fix documentation
* Fix python3 specific problem when blocking on contented lock
* Add refresh key method
* Add custom lock prefix support

0.4.3

Release date: 14-Dec-2015

* Fix check for parameters in case of connection error
* Python 3.5 compatibility and general python3 cleanups
* Added authentication and module for managing ACLs
* Added srv record-based DNS discovery
* Fixed (again) logging of cluster id changes
* Fixed leader lookup
* Properly retry request on exception
* Client: clean up open connections when deleting

0.4.2

Release date: 8-Oct-2015

* Fixed lock documentation
* Fixed lock sequences due to etcd 2.2 change
* Better exception management during response processing
* Fixed logging of cluster ID changes
* Fixed subtree results

* Do not check cluster ID if etcd responses don't contain the ID
* Added a cause to EtcdConnectionFailed

0.4.1

Release date: 1-Aug-2015

* Added client-side leader election
* Added stats endpoints
* Added logging
* Better exception handling
* Check for cluster ID on each request
* Added etcd.Client.members and fixed etcd.Client.leader
* Removed locking and election etcd support
* Allow the use of etcd proxies with reconnections
* Implement pop: Remove key from etc and return the corresponding value.
* Eternal watcher can be now recursive
* Fix etcd.Client machines
* Do not send parameters with `None` value to etcd
* Support ttl=0 in write.
* Moved pyOpenSSL into test requirements.
* Always set certificate information so redirects from http to https work.

0.3.3

Release date: 12-Apr-2015

* Forward leaves_only value in get_subtree() recursive calls
* Fix README prevExists->prevExist
* Added configurable version_prefix
* Added support for recursive watch
* Better error handling support (more detailed exceptions)
* Fixed some unreliable tests

0.3.2

Release date: 4-Aug-2014

* Fixed generated documentation version.

0.3.1

Release date: 4-Aug-2014

* Added consisten read option
* Fixed timeout parameter in read()
* Added atomic delete parameter support
* Fixed delete behaviour
* Added update method that allows atomic updated on results
* Fixed checks on write()
* Added leaves generator to EtcdResult and get_subtree for recursive fetch
* Added etcd_index to EtcdResult
* Changed ethernal -> eternal
* Updated urllib3 & pyOpenSSL libraries
* Several performance fixes
* Better parsing of etcd_index and raft_index
* Removed duplicated tests
* Added several integration and unit tests
* Use etcd v0.3.0 in travis
* Execute test using `python setup.py test` and nose

0.3.0

Release date: 18-Jan-2014

* API v2 support
* Python 3.3 compatibility

0.2.1

Release data: 30-Nov-2013

* SSL support
* Added support for subdirectories in results.
* Improve test
* Added support for reconnections, allowing death node tolerance.

0.2.0

Release date: 30-Sep-2013

* Allow fetching of multiple keys (sub-nodes)

0.1

Release date: 18-Sep-2013

* Initial release

Keywords: etcd raft distributed log api client
Platform: UNKNOWN
Classifier: Topic :: System :: Distributed Computing
Classifier: Topic :: Software Development :: Libraries
Classifier: License :: OSI Approved :: MIT License
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 3
Classifier: Topic :: Database :: Front-Ends

Found in path(s):
* /opt/cola/permits/1112217808_1607049972.97/0/python-etcd-0-4-5-1-tar-gz/python-etcd-
0.4.5/src/python_etcd.egg-info/PKG-INFO
* /opt/cola/permits/1112217808_1607049972.97/0/python-etcd-0-4-5-1-tar-gz/python-etcd-0.4.5/PKG-INFO
No license file was found, but licenses were detected in source scan.

```
from setuptools import setup, find_packages
import sys, os

here = os.path.abspath(os.path.dirname(__file__))
README = open(os.path.join(here, 'README.rst')).read()
NEWS = open(os.path.join(here, 'NEWS.txt')).read()


version = '0.4.5'

install_requires = [
  'urllib3>=1.7.1',
  'dnspython>=1.13.0'
]

test_requires = [
  'mock',
  'nose',
  'pyOpenSSL>=0.14'
]

setup(
  name='python-etcd',
  version=version,
  description="A python client for etcd",
  long_description=README + '\n\n' + NEWS,
```

```
classifiers=[
    "Topic :: System :: Distributed Computing",
    "Topic :: Software Development :: Libraries",
    "License :: OSI Approved :: MIT License",
    "Programming Language :: Python :: 2",
    "Programming Language :: Python :: 3",
    "Topic :: Database :: Front-Ends",
],
keywords='etcd raft distributed log api client',
author='Jose Plana',
author_email='jplana@gmail.com',
url='http://github.com/jplana/python-etcd',
license='MIT',
packages=find_packages('src'),
package_dir = {'': 'src'},
include_package_data=True,
zip_safe=False,
install_requires=install_requires,
tests_require=test_requires,
test_suite='nose.collector',
)
```

Found in path(s):

* /opt/cola/permits/1112217808_1607049972.97/0/python-etcd-0-4-5-1-tar-gz/python-etcd-0.4.5/setup.py

1.70 requests-oauthlib 1.3.0

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1.72 tornado 4.5.3

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1.73 cryptography 3.4.7

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1.74 jinja2 2.11.3

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Metadata-Version: 2.1

Name: Jinja2

Version: 2.11.3

Summary: A very fast and expressive template engine.

Home-page: https://palletsprojects.com/p/jinja/

Author: Armin Ronacher

Author-email: armin.ronacher@active-4.com

Maintainer: Pallets

Maintainer-email: contact@palletsprojects.com

License: BSD-3-Clause

Project-URL: Documentation, https://jinja.palletsprojects.com/

Project-URL: Code, https://github.com/pallets/jinja

Project-URL: Issue tracker, https://github.com/pallets/jinja/issues

Description: Jinja

=====

Jinja is a fast, expressive, extensible templating engine. Special
placeholders in the template allow writing code similar to Python
syntax. Then the template is passed data to render the final document.

It includes:

- Template inheritance and inclusion.
- Define and import macros within templates.
- HTML templates can use autoescaping to prevent XSS from untrusted
  user input.
- A sandboxed environment can safely render untrusted templates.
- AsyncIO support for generating templates and calling async
  functions.
- I18N support with Babel.
- Templates are compiled to optimized Python code just-in-time and
  cached, or can be compiled ahead-of-time.
- Exceptions point to the correct line in templates to make debugging
  easier.
- Extensible filters, tests, functions, and even syntax.

Jinja's philosophy is that while application logic belongs in Python if
possible, it shouldn't make the template designer's job difficult by
restricting functionality too much.

Installing

Install and update using `pip`_:

```
.. code-block:: text

   $ pip install -U Jinja2

.. _pip: https://pip.pypa.io/en/stable/quickstart/
```

In A Nutshell

```
.. code-block:: jinja

   {% extends "base.html" %}
   {% block title %}Members{% endblock %}
   {% block content %}
    <ul>
    {% for user in users %}
      <li><a href="{{ user.url }}">{{ user.username }}</a></li>
    {% endfor %}
    </ul>
   {% endblock %}
```

Links

- Website: https://palletsprojects.com/p/jinja/
- Documentation: https://jinja.palletsprojects.com/
- Releases: https://pypi.org/project/Jinja2/
- Code: https://github.com/pallets/jinja
- Issue tracker: https://github.com/pallets/jinja/issues
- Test status: https://dev.azure.com/pallets/jinja/_build
- Official chat: https://discord.gg/t6rrQZH

Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/Stable
Classifier: Environment :: Web Environment
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: BSD License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
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Classifier: Programming Language :: Python :: 3.8

Classifier: Programming Language :: Python :: Implementation :: CPython

Classifier: Programming Language :: Python :: Implementation :: PyPy

Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content

Classifier: Topic :: Software Development :: Libraries :: Python Modules

Classifier: Topic :: Text Processing :: Markup :: HTML

Requires-Python: >=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*, !=3.4.*

Description-Content-Type: text/x-rst

Provides-Extra: i18n

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* /opt/cola/permits/1136466822_1613771252.8/0/jinja2-2-11-3-tar-gz/Jinja2-2.11.3/PKG-INFO

* /opt/cola/permits/1136466822_1613771252.8/0/jinja2-2-11-3-tar-gz/Jinja2-2.11.3/src/Jinja2.egg-info/PKG-INFO

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```
import io
import re

from setuptools import find_packages
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
    readme = f.read()

with io.open("src/jinja2/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r'__version__ = "(.*?)"', f.read(), re.M).group(1)

setup(
    name="Jinja2",
    version=version,
    url="https://palletsprojects.com/p/jinja/",
    project_urls={
        "Documentation": "https://jinja.palletsprojects.com/",
        "Code": "https://github.com/pallets/jinja",
        "Issue tracker": "https://github.com/pallets/jinja/issues",
    },
    license="BSD-3-Clause",
    author="Armin Ronacher",
    author_email="armin.ronacher@active-4.com",
    maintainer="Pallets",
    maintainer_email="contact@palletsprojects.com",
    description="A very fast and expressive template engine.",
    long_description=readme,
    classifiers=[
        "Development Status :: 5 - Production/Stable",
        "Environment :: Web Environment",
        "Intended Audience :: Developers",
        "License :: OSI Approved :: BSD License",
```

```
    "Operating System :: OS Independent",
    "Programming Language :: Python",
    "Programming Language :: Python :: 2",
    "Programming Language :: Python :: 2.7",
    "Programming Language :: Python :: 3",
    "Programming Language :: Python :: 3.5",
    "Programming Language :: Python :: 3.6",
    "Programming Language :: Python :: 3.7",
    "Programming Language :: Python :: 3.8",
    "Programming Language :: Python :: Implementation :: CPython",
    "Programming Language :: Python :: Implementation :: PyPy",
    "Topic :: Internet :: WWW/HTTP :: Dynamic Content",
    "Topic :: Software Development :: Libraries :: Python Modules",
    "Topic :: Text Processing :: Markup :: HTML",
  ],
  packages=find_packages("src"),
  package_dir={"": "src"},
  include_package_data=True,
  python_requires=">=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*, !=3.4.*",
  install_requires=["MarkupSafe>=0.23"],
  extras_require={"i18n": ["Babel>=0.8"]},
  entry_points={"babel.extractors": ["jinja2 = jinja2.ext:babel_extract[i18n]"]},
)
```

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1.75 pika 0.10.0

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1.76 opentracing 1.3.0

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1.77 pyasn1-modules 0.2.8

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1.78 python-requests 2.25.1

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1.79 influxdb 3.0.0

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1.80 python-setuptools 57.0.0

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1.81 six 1.16.0

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1.82 python-dateutil 2.8.1

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----
dateutil - Extensions to the standard Python datetime module.

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1.83 maglev-fips 1.0

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Metadata-Version: 2.0
Name: maglev-fips
Version: 1.0
Summary: This is to set FIPS mode in CiscoSSL
Home-page: https://github3.cisco.com/project-maglev/maglev-fips
Author: Maglev Team
Author-email: maglev-dev@cisco.com
License: UNKNOWN
Platform: UNKNOWN

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* /opt/cola/permits/1175804237_1624491764.8/0/maglev-fips-1-0-dist-info-zip/inputdir/packages_extracted/targz/1/packages_extracted/1/packages_extracted/1/packages_extracted/20/maglev_fips-1.0.dist-info/METADATA

1.84 markupsafe 1.1.1

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* /opt/cola/permits/1110637802_1606844039.04/0/markupsafe-1-1-1-1-tar-gz/MarkupSafe-1.1.1/src/markupsafe/__init__.py
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Metadata-Version: 1.2
Name: MarkupSafe
Version: 1.1.1
Summary: Safely add untrusted strings to HTML/XML markup.
Home-page: https://palletsprojects.com/p/markupsafe/
Author: Armin Ronacher
Author-email: armin.ronacher@active-4.com
Maintainer: The Pallets Team
Maintainer-email: contact@palletsprojects.com
License: BSD-3-Clause
Project-URL: Documentation, https://markupsafe.palletsprojects.com/
Project-URL: Code, https://github.com/pallets/markupsafe
Project-URL: Issue tracker, https://github.com/pallets/markupsafe/issues
Description: MarkupSafe
        ==========

        MarkupSafe implements a text object that escapes characters so it is
        safe to use in HTML and XML. Characters that have special meanings are
        replaced so that they display as the actual characters. This mitigates
        injection attacks, meaning untrusted user input can safely be displayed
        on a page.

        Installing

        Install and update using `pip`_:

```
.. code-block:: text

    pip install -U MarkupSafe

.. _pip: https://pip.pypa.io/en/stable/quickstart/
```

Examples

```
.. code-block:: pycon

    >>> from markupsafe import Markup, escape
    >>> # escape replaces special characters and wraps in Markup
    >>> escape('<script>alert(document.cookie);</script>')
    Markup(u'&lt;script&gt;alert(document.cookie);&lt;/script&gt;')
    >>> # wrap in Markup to mark text "safe" and prevent escaping
    >>> Markup('<strong>Hello</strong>')
    Markup('<strong>hello</strong>')
    >>> escape(Markup('<strong>Hello</strong>'))
    Markup('<strong>hello</strong>')
    >>> # Markup is a text subclass (str on Python 3, unicode on Python 2)
    >>> # methods and operators escape their arguments
    >>> template = Markup("Hello <em>%s</em>")
    >>> template % '"World"'
    Markup('Hello <em>&#34;World&#34;</em>')
```

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*   Releases: https://pypi.org/project/MarkupSafe/
*   Code: https://github.com/pallets/markupsafe

* Issue tracker: https://github.com/pallets/markupsafe/issues
* Test status:

  * Linux, Mac: https://travis-ci.org/pallets/markupsafe
  * Windows: https://ci.appveyor.com/project/pallets/markupsafe

* Test coverage: https://codecov.io/gh/pallets/markupsafe

Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/Stable
Classifier: Environment :: Web Environment
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: BSD License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
Classifier: Programming Language :: Python :: 3.7
Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content
Classifier: Topic :: Software Development :: Libraries :: Python Modules
Classifier: Topic :: Text Processing :: Markup :: HTML
Requires-Python: >=2.7,!=3.0.*,!=3.1.*,!=3.2.*,!=3.3.*

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/**
* markupsafe._speedups
* ~~~~~~~~~~~~~~~~~~~~~
*
* C implementation of escaping for better performance. Used instead of
* the native Python implementation when compiled.
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*/

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1.1.1/src/markupsafe/_speedups.c

1.85 setuptools-scm 3.4.3

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