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gevent/libuv/_corecffi_source.c
gevent/libuv/_corecffi_cdef.c

Originally based on code from https://github.com/veegee/guv

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1.5 subwrap 0.1.0

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1.6 mock 1.0.1

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1.7 alpine-keys 2.1 r2

1.8 pexpect 3.2

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1.9 oauthlib 1.0.3

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1.10 backbone-forms 0.11.0

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1.12 idna 2.1

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```
Found in path(s):
*/opt/cola/permits/1156185735_1619141854.94/0/kjd-idna-v2-1-0-gcb8ae9a-1-tar-gz/kjd-idna-
45839b9/LICENSE.rst
No license file was found, but licenses were detected in source scan.
,,,,,,
A library to support the Internationalised Domain Names in Applications
(IDNA) protocol as specified in RFC 5890 et.al. This new methodology,
known as IDNA2008, can generate materially different results to the
previous standard. The library can act as a drop-in replacement for
the "encodings.idna" module.
import sys
from setuptools import setup
import io
version = "2.1"
def main():
 python_version = sys.version_info[:2]
 if python_version < (2,6):
    raise SystemExit("Sorry, Python 2.6 or newer required")
 arguments = {
    'name': 'idna',
    'packages': ['idna'],
    'version': 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',
       'Topic :: Internet :: Name Service (DNS)',
```

Found in path(s):

*/opt/cola/permits/1156185735_1619141854.94/0/kjd-idna-v2-1-0-gcb8ae9a-1-tar-gz/kjd-idna-45839b9/setup.py

1.13 vcversioner 2.16.0.0

1.13.1 Available under license:

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1.14 ssl-client 1.31.1-r9

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Julian Seward, Cambridge, UK. jseward@bzip.org bzip2/libbzip2 version 1.0.4 of 20 December 2006 --- A note on GPL versions

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1.21 flask 1.0.2

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1.23 cffi 1.9.1

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1.25 websocket-client 0.44.0

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1.28 pyaes 1.6.0

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1.30 python-requests 2.23.0

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1.31 setuptools-scm 1.15.0

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1.32 pyopenssl 19.0.0

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1.33 ptyprocess 0.6.0

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1.34 certifi 2017.11.5

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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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1.35 python-mimeparse 1.6.0

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1.36 pam 0.1.4

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```
from setuptools import setup, find_packages
import sys, os
version = '0.1.4'
setup(name='pam',
  version=version,
  description="PAM interface using ctypes",
  long_description="""\
An interface to the Pluggable Authentication Modules (PAM) library on linux, written in pure python (using
ctypes)""",
  classifiers=["Development Status :: 3 - Alpha",
     "Intended Audience :: Developers",
     "License :: OSI Approved :: MIT License",
     "Operating System :: POSIX :: Linux",
     "Operating System :: MacOS :: MacOS X",
     "Programming Language :: Python",
     "Topic :: Software Development :: Libraries :: Python Modules",
     "Topic :: System :: Systems Administration :: Authentication/Directory"
     ],
  keywords=",
  author='Chris AtLee',
  author_email='chris@atlee.ca',
```

```
url='http://atlee.ca/software/pam',
   download_url = "http://atlee.ca/software/pam/dist/%s" % version,
   license='MIT',
   py_modules=["pam"],
   zip_safe=True,
   install_requires=[],
   entry_points="""
   # -*- Entry points: -*-
   )
Found in path(s):
* /opt/cola/permits/1119811840_1609793495.63/0/pam-0-1-4-1-tar-gz/pam-0.1.4/setup.py
No license file was found, but licenses were detected in source scan.
# Licensed under the MIT license:
Found in path(s):
*/opt/cola/permits/1119811840_1609793495.63/0/pam-0-1-4-1-tar-gz/pam-0.1.4/pam.py
No license file was found, but licenses were detected in source scan.
Metadata-Version: 1.0
Name: pam
Version: 0.1.4
Summary: PAM interface using ctypes
Home-page: http://atlee.ca/software/pam
Author: Chris AtLee
Author-email: chris@atlee.ca
License: MIT
Download-URL: http://atlee.ca/software/pam/dist/0.1.4
Description: An interface to the Pluggable Authentication Modules (PAM) library on linux, written in pure python
(using ctypes)
Platform: UNKNOWN
Classifier: Development Status :: 3 - Alpha
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: MIT License
Classifier: Operating System :: POSIX :: Linux
Classifier: Operating System :: MacOS :: MacOS X
Classifier: Programming Language :: Python
Classifier: Topic :: Software Development :: Libraries :: Python Modules
Classifier: Topic :: System :: Systems Administration :: Authentication/Directory
*/opt/cola/permits/1119811840_1609793495.63/0/pam-0-1-4-1-tar-gz/pam-0.1.4/pam.egg-info/PKG-INFO
```

Found in path(s):

- * /opt/cola/permits/1119811840_1609793495.63/0/pam-0-1-4-1-tar-gz/pam-0.1.4/PKG-INFO

1.37 jsonschema 2.5.1

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1.38 python-setuptools 32.0.0

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1.39 pyudev 0.16

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1.40 pax-utils 1.2.4-r0

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1.41 multidict 4.5.2

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1.42 alpine-baselayout 3.2.0-r3

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1.44 pyformance 0.3.4

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1.45 zlib 1.2.11 r3

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1.46 greenlet 0.4.16

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1.48 docker-pycreds 0.3.0

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1.49 libtls-standalone 2.9.1-r0

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1.50 pexpect 4.7.0

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1.51 pytest 5.2.0

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1.52 futures 2.1.6

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1.53 falcon 1.1.0

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* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/README.rst No license file was found, but licenses were detected in source scan.

Metadata-Version: 1.1

Name: falcon Version: 1.1.0

Summary: An unladen web framework for building APIs and app backends.

Home-page: http://falconframework.org

Author: Kurt Griffiths

Author-email: mail@kgriffs.com

License: Apache 2.0

Description: Falcon |Docs| |Build Status| |codecov.io|

Perfection is finally attained not when there is no longer anything to add, but when there is no longer anything to take away.

- Antoine de Saint-Exup@ry

Quick Links

- * `Read the docs __.
- * `Join the discussion group `__.
- * `Hang out in #falconframework on freenode

__.

Design Goals

- **Fast.** Cloud APIs need to turn around requests quickly, and make efficient use of hardware. This is particularly important when serving many concurrent requests. Falcon is among the fastest WSGI frameworks available, processing requests
- `several times faster > ___ than other Python web frameworks.
- **Light.** Only the essentials are included, with *six* and *mimeparse* being the only dependencies outside the standard library. We work hard to keep the code lean, making Falcon easier to test, secure, optimize, and deploy.
- **Flexible.** Falcon is not opinionated when it comes to talking to databases, rendering content, authorizing requests, etc. You are free to mix and match your own favorite libraries. Falcon apps work with any WSGI server, and run great under `CPython 2.6-2.7, PyPy, Jython 2.7, and CPython 3.3-3.5 https://travis-ci.org/falconry/falcon>....

Features

- Highly-optimized, extensible code base
- Intuitive routing via URI templates and REST-inspired resource classes

- Easy access to headers and bodies through request and response classes
- DRY request processing via middleware components and hooks
- Idiomatic HTTP error responses
- Straightforward exception handling
- Snappy unit testing through WSGI helpers and mocks
- CPython 2.6-2.7, PyPy, Jython 2.7, and CPython 3.3-3.5 support
- ~20% speed boost when Cython is available

Who's Using Falcon?

Tologn is used around the would by a growing number of argonizations
Falcon is used around the world by a growing number of organizations,
including:
- 7ideas
- Cronitor
- EMC
- Hurricane Electric
- Leadpages
- OpenStack
- Rackspace
- Shiftgig
- tempfil.es
- Opera Software
If you are using the Falcon framework for a community or commercial
project, please consider adding your information to our wiki under
`Who's Using Falcon? "> Line The Community of the Comm
You might also like to view our
`Add-on Catalog https://github.com/falconry/falcon/wiki/Add-on-Catalog ,
where you can find a list of add-ons maintained by the community.
Installation
PyPy
۸۸۸۸
`PyPy http://pypy.org/>` is the fastest way to run your Falcon app.">http://pypy.org/>` is the fastest way to run your Falcon app.
However, note that only the PyPy 2.7 compatible release is currently
supported.
code:: bash
\$ pip install falcon

```
CPython
```

Falcon also fully supports

`CPython __ 2.6-3.5.

A universal wheel is available on PyPI for the the Falcon framework. Installing it is as simple as:

.. code:: bash

\$ pip install falcon

Installing the wheel is a great way to get up and running with Falcon quickly in a development environment, but for an extra speed boost when deploying your application in production, Falcon can compile itself with Cython.

The following commands tell pip to install Cython, and then to invoke Falcon's ``setup.py``, which will in turn detect the presence of Cython and then compile (AKA cythonize) the Falcon framework with the system's default C compiler.

```
.. code:: bash
```

\$ pip install cython

\$ pip install --no-binary :all: falcon

Installing on OS X

Xcode Command Line Tools are required to compile Cython. Install them with this command:

.. code:: bash

\$ xcode-select --install

The Clang compiler treats unrecognized command-line options as errors; this can cause problems under Python 2.6, for example:

.. code:: bash

clang: error: unknown argument: '-mno-fused-madd' [-Wunused-command-line-argument-hard-error-infuture]

You might also see warnings about unused functions. You can work around these issues by setting additional Clang C compiler flags as follows:

.. code:: bash

\$ export CFLAGS="-Qunused-arguments -Wno-unused-function"

Dependencies

Falcon depends on `six` and `python-mimeparse`. `python-mimeparse` is a better-maintained fork of the similarly named `mimeparse` project.

Normally the correct package will be selected by Falcon's ``setup.py``. However, if you are using an alternate strategy to manage dependencies, please take care to install the correct package in order to avoid errors.

WSGI Server

Falcon speaks WSGI, and so in order to serve a Falcon app, you will need a WSGI server. Gunicorn and uWSGI are some of the more popular ones out there, but anything that can load a WSGI app will do.

.. code:: bash

\$ pip install [gunicorn|uwsgi]

Source Code

Falcon`lives on GitHub _, making the code easy to browse, download, fork, etc. Pull requests are always welcome! Also, please remember to star the project if it makes you happy.:)

Once you have cloned the repo or downloaded a tarball from GitHub, you can install Falcon like this:

.. code:: bash

\$ cd falcon

\$ pip install.

Or, if you want to edit the code, first fork the main repo, clone the fork to your desktop, and then run the following to install it using symbolic linking, so that when you change your code, the changes will be automagically available to your app without having to reinstall the package:

.. code:: bash

\$ cd falcon

```
directory of the cloned repo and then running pytest:
 .. code:: bash
        $ cd falcon
        $ pip install -r tools/test-requires
        $ pytest tests
Or, to run the default set of tests:
.. code:: bash
       $ pip install tox && tox
See also the `tox.ini <a href="https://github.com/falconry/falcon/blob/master/tox.ini">tox.ini <a href="https://github.com/falconry/falconry/falconry/falconry/falconry/falconry/falconry/falconry/falconry/falconry/falconry
file for a full list of available environments.
Read the docs
The docstrings in the Falcon code base are quite extensive, and we
recommend keeping a REPL running while learning the framework so that
you can query the various modules and classes as you have questions.
Online docs are available at: https://falcon.readthedocs.io
 You can build the same docs locally as follows:
 .. code:: bash
       $ pip install tox && tox -e docs
Once the docs have been built, you can view them by opening the following
index page in your browser. On OS X it's as simple as::
        $ open docs/_build/html/index.html
Or on Linux:
       $ xdg-open docs/_build/html/index.html
Getting started
```

Here is a simple, contrived example showing how to create a Falcon-based

You can manually test changes to the Falcon framework by switching to the

\$ pip install -e.

```
.. code:: python
  # things.py
  # Let's get this party started!
  import falcon
  # Falcon follows the REST architectural style, meaning (among
  # other things) that you think in terms of resources and state
  # transitions, which map to HTTP verbs.
  class ThingsResource(object):
     def on_get(self, req, resp):
       """Handles GET requests"""
       resp.status = falcon.HTTP\_200  # This is the default status
       resp.body = (\nTwo things awe me most, the starry sky '
               'above me and the moral law within me.\n'
               '\n'
               ' ~ Immanuel Kant\n\n')
  # falcon.API instances are callable WSGI apps
  app = falcon.API()
  # Resources are represented by long-lived class instances
  things = ThingsResource()
  # things will handle all requests to the '/things' URL path
  app.add_route('/things', things)
You can run the above example using any WSGI server, such as uWSGI or
Gunicorn. For example:
.. code:: bash
  $ pip install gunicorn
  $ gunicorn things:app
Then, in another terminal:
.. code:: bash
  $ curl localhost:8000/things
A more complex example
```

Here is a more involved example that demonstrates reading headers and query parameters, handling errors, and working with request and response bodies.

```
.. code:: python
  import json
  import logging
  import uuid
  from wsgiref import simple_server
  import falcon
  import requests
  class StorageEngine(object):
    def get_things(self, marker, limit):
       return [{'id': str(uuid.uuid4()), 'color': 'green'}]
    def add_thing(self, thing):
       thing['id'] = str(uuid.uuid4())
       return thing
  class StorageError(Exception):
     @staticmethod
     def handle(ex, req, resp, params):
       description = ('Sorry, couldn\'t write your thing to the '
                 'database. It worked on my box.')
       raise falcon.HTTPError(falcon.HTTP_725,
                      'Database Error',
                      description)
  class SinkAdapter(object):
    engines = {
       'ddg': 'https://duckduckgo.com',
       'y': 'https://search.yahoo.com/search',
     }
    def __call__(self, req, resp, engine):
       url = self.engines[engine]
       params = {'q': req.get_param('q', True)}
       result = requests.get(url, params=params)
```

```
resp.status = str(result.status_code) + ' ' + result.reason
     resp.content_type = result.headers['content-type']
     resp.body = result.text
class AuthMiddleware(object):
  def process_request(self, req, resp):
    token = req.get_header('Authorization')
     account\_id = req.get\_header('Account-ID')
     challenges = ['Token type="Fernet"']
     if token is None:
       description = ('Please provide an auth token '
                 'as part of the request.')
       raise falcon.HTTPUnauthorized('Auth token required',
                          description,
                          challenges,
                          href='http://docs.example.com/auth')
     if not self._token_is_valid(token, account_id):
       description = ('The provided auth token is not valid. '
                 'Please request a new token and try again.')
       raise falcon.HTTPUnauthorized('Authentication required',
                          description,
                          challenges,
                          href='http://docs.example.com/auth')
  def _token_is_valid(self, token, account_id):
     return True # Suuuuuure it's valid...
class RequireJSON(object):
  def process_request(self, req, resp):
    if not req.client_accepts_json:
       raise falcon.HTTPNotAcceptable(
          'This API only supports responses encoded as JSON.',
          href='http://docs.examples.com/api/json')
     if req.method in ('POST', 'PUT'):
       if 'application/json' not in req.content_type:
          raise falcon.HTTPUnsupportedMediaType(
            'This API only supports requests encoded as JSON.',
```

```
class JSONTranslator(object):
  def process_request(self, req, resp):
     # req.stream corresponds to the WSGI wsgi.input environ variable,
     # and allows you to read bytes from the request body.
     # See also: PEP 3333
    if req.content_length in (None, 0):
       # Nothing to do
       return
     body = req.stream.read()
    if not body:
       raise falcon.HTTPBadRequest('Empty request body',
                         'A valid JSON document is required.')
    try:
       req.context['doc'] = json.loads(body.decode('utf-8'))
    except (ValueError, UnicodeDecodeError):
       raise falcon.HTTPError(falcon.HTTP 753,
                     'Malformed JSON',
                     'Could not decode the request body. The '
                     'JSON was incorrect or not encoded as '
                     'UTF-8.')
  def process_response(self, req, resp, resource):
    if 'result' not in req.context:
       return
    resp.body = json.dumps(req.context['result'])
def max_body(limit):
  def hook(req, resp, resource, params):
     length = req.content\_length
    if length is not None and length > limit:
       msg = ('The size of the request is too large. The body must not '
           'exceed ' + str(limit) + ' bytes in length.')
       raise falcon.HTTPRequestEntityTooLarge(
          'Request body is too large', msg)
  return hook
```

```
class ThingsResource(object):
  def __init__(self, db):
     self.db = db
    self.logger = logging.getLogger('thingsapp.' + __name__)
  def on_get(self, req, resp, user_id):
     marker = req.get_param('marker') or "
    limit = req.get_param_as_int('limit') or 50
    try:
       result = self.db.get_things(marker, limit)
     except Exception as ex:
       self.logger.error(ex)
       description = ('Aliens have attacked our base! We will '
                 'be back as soon as we fight them off.'
                 'We appreciate your patience.')
       raise falcon.HTTPServiceUnavailable(
          'Service Outage',
          description,
          30)
     # An alternative way of doing DRY serialization would be to
     # create a custom class that inherits from falcon. Request. This
     # class could, for example, have an additional 'doc' property
     # that would serialize to JSON under the covers.
     req.context['result'] = result
    resp.set_header('Powered-By', 'Falcon')
    resp.status = falcon.HTTP_200
  @falcon.before(max_body(64 * 1024))
  def on_post(self, req, resp, user_id):
    try:
       doc = req.context['doc']
    except KeyError:
       raise falcon.HTTPBadRequest(
          'Missing thing',
          'A thing must be submitted in the request body.')
     proper_thing = self.db.add_thing(doc)
     resp.status = falcon.HTTP\_201
     resp.location = '/%s/things/%s' % (user_id, proper_thing['id'])
```

```
# Configure your WSGI server to load "things.app" (app is a WSGI callable)
  app = falcon.API(middleware=[
     AuthMiddleware(),
    RequireJSON(),
    JSONTranslator(),
  ])
  db = StorageEngine()
  things = ThingsResource(db)
  app.add_route('/{user_id}/things', things)
  # If a responder ever raised an instance of StorageError, pass control to
  # the given handler.
  app.add_error_handler(StorageError, StorageError.handle)
  # Proxy some things to another service; this example shows how you might
  # send parts of an API off to a legacy system that hasn't been upgraded
  # yet, or perhaps is a single cluster that all data centers have to share.
  sink = SinkAdapter()
  app.add_sink(sink, r'/search/(?P < engine > ddg|y)\Z')
  # Useful for debugging problems in your API; works with pdb.set_trace(). You
  # can also use Gunicorn to host your app. Gunicorn can be configured to
  # auto-restart workers when it detects a code change, and it also works
  # with pdb.
  if __name__ == '__main__':
    httpd = simple_server.make_server('127.0.0.1', 8000, app)
    httpd.serve_forever()
Community
The Falcon community maintains a discussion group that you can use to
share your ideas and ask questions about the framework. To join the
discussion, please visit https://groups.google.com/d/forum/falconframework.
```

Per our

`Code of Conduct https://github.com/falconry/falcon/blob/master/CODEOFCONDUCT.md, we expect everyone who participates in community discussions to act professionally, and lead by example in encouraging constructive discussions. Each individual in the community is responsible for creating a positive, constructive, and productive culture.

We also hang out in

`#falconframework <https://kiwiirc.com/client/irc.freenode.net/?#falconframework>`_

on freenode, where everyone is always welcome to ask questions and share ideas. Contributing -----Kurt Griffiths (kgriffs) is the creator and current maintainer of the Falcon framework, with the generous help of a number of stylish and talented contributors. Pull requests are always welcome. We use the GitHub issue tracker to organize our work, put you do not need to open a new issue before submitting a PR. Before submitting a pull request, please ensure you have added/updated the appropriate tests (and that all existing tests still pass with your changes), and that your coding style follows PEP 8 and doesn't cause pyflakes to complain. Commit messages should be formatted using `AngularJS conventions >__. Comments follow `Google's style guide .__, .__, .__, .__, .__, ..., ..., ..., ..., ..., https://github.com/falconry/falcon/blob/master/CONTRIBUTING.md Legal Copyright 2013-2016 by Rackspace Hosting, Inc. and other contributors as noted in the individual source files. Falcon image courtesy of 'John O'Neill https://commons.wikimedia.org/wiki/File:Brown-Falcon,-Vic,-3.1.2008.jpg.___. Licensed under the Apache License, Version 2.0 (the "License"); you may not use any portion of the Falcon framework except in compliance with the License. Contributors agree to license their work under the same License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0

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- $..\ |Docs|\ image::\ https://readthedocs.org/projects/falcon/badge/?version=stable$
 - :target: https://falcon.readthedocs.io/en/stable/?badge=stable
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Keywords: wsgi web api framework rest http cloud

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Web Environment Classifier: Natural Language :: English Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: System Administrators

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

Classifier: Operating System :: MacOS :: MacOS X Classifier: Operating System :: Microsoft :: Windows

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Classifier: Topic :: Internet :: WWW/HTTP :: WSGI

Classifier: Topic :: Software Development :: Libraries :: Application Frameworks

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: Implementation :: CPython Classifier: Programming Language :: Python :: Implementation :: PyPy Classifier: Programming Language :: Python :: Implementation :: Jython

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

Found in path(s):

- $*/opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/PKG-INFO$
- * /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon.egg-info/PKG-INFO No license file was found, but licenses were detected in source scan.
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- */opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/response_helpers.py
- */opt/cola/permits/1156180158 1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/redirects.py
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- */opt/cola/permits/1156180158 1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/request.py
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- */opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/queues/claims.py
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- */opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-
- 1.1.0/falcon/bench/queues/messages.py
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- $*/opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/__init__.py$
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1.54 six 1.14.0

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If you think you belong on this list, please let me know! --Benjamin

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