
pyramid_useragent Documentation

Release 0.1

Pior Bastida

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1	Project Info	1
2	Setup	3
3	Usage	5
4	Tests	7
5	Documentation	9
5.1	Changes	9
5.2	API Documentation	9
6	Indices and tables	11
	Python Module Index	13

Project Info

Provides an HTTP User-Agent parser and classifier for the Pyramid web framework.

- Documentation: <http://pyramid-useragent.readthedocs.org/>
- PyPI: https://pypi.python.org/pypi/pyramid_useragent
- Bitbucket: https://bitbucket.org/pior/pyramid_useragent
-

Setup

Once *pyramid_useragent* is installed, you typically use the `config.include` mechanism to include it into your Pyramid project's configuration. In your Pyramid project's `__init__.py`:

```
config = Configurator(.....)
config.include('pyramid_useragent')
```

Alternately, instead of using the Configurator's `include` method, you can activate Pyramid by changing your application's `.ini` file, use the following line:

```
pyramid.includes = pyramid_useragent
```

Usage

```
def demo(request):
    client = request.user_agent_classified

    if client.is_mobile or client.is_tablet:
        return "Download our mobile app!"

    if client.is_bot:
        return "Are you human? I'am human."

    ua = request.user_agent_parsed

    if ua.maincomponent.name == 'Links':
        return "Did you REALLY use Links?"

    if 'AdobeAIR' in ua.components:
        if ua.components['AdobeAIR'].version == '3.9.0.1210':
            return "Much unsecure, so flaws"

    if ua.maincomponent.name == "Mozilla":
        return "This is supposed to describe your platform: %s" % (
            '; '.join(ua.maincomponent.comments))

    return [c.name for c in ua.components.values()]
```

Tests

```
pip install -e .[testing]
nosetests
```

Documentation

```
pip install -e .[docs]
cd docs
make html
```

5.1 Changes

5.1.1 0.3

- Add a User-Agent classifier using the user-agents project

5.1.2 0.2

- Continuous testing
- Documentation

5.1.3 0.1

- Initial release.

5.2 API Documentation

`pyramid_useragent.includeme` (*config*)

Set up a request method `user_agent_parsed` returning an instance of `UserAgent` initialized with the client User-Agent.

5.2.1 UserAgent Class

`class` `pyramid_useragent.UserAgent` (*string=None*)
Extract User-Agent components from a string.

Note: The parsing operation is safe: mal-formed User-Agent components are ignored.

components = None

List of `UserAgentComponent` (order is kept by using an `OrderedDict`)

maincomponent

Most significant `UserAgentComponent`

string = None

Original User-Agent string

5.2.2 UserAgentComponent Class

class `pyramid_useragent.UserAgentComponent` (*name=None, version=None, comments=None*)

Simple object representing a single User-Agent component

comments = None

Comment part of a User-Agent component as a list

name = None

Name part of a User-Agent component

version = None

Version part of a User-Agent component

Indices and tables

- *genindex*
- *modindex*
- *search*

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pyramid_useragent, 9