django-referrer-policy Documentation

Release 1.0

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Contents

django-referrer-policy provides a middleware class implementing the Referrer-Policy header for Django-powered sites.

Setting the `Referrer-Policy` header allows you to control what, if any, information is sent in the HTTP `Referer` header when a user clicks a link on your site.

Installation

django-referrer-policy supports Django 1.11 and Django 2.0, on Python versions supported by those versions of Django:

- Django 1.11 supports Python 2.7, 3.4, 3.5, and 3.6.

- Django 2.0 supports Python 3.4, 3.5, and 3.6.

To install django-referrer-policy, run:

```
pip install django-referrer-policy
```

This will use `pip`, the standard Python package-installation tool. If you are using a supported version of Python, your installation of Python came with `pip` bundled, but if it is missing, instructions are available for how to obtain and install it.

You can also obtain and install from a source-code checkout.

The development repository for django-referrer-policy is at <https://github.com/ubernostrum/django-referrer-policy>. If you have git installed, you can obtain a copy of the repository by typing:

```
git clone https://github.com/ubernostrum/django-referrer-policy.git
```

From there, you can use normal git commands to check out the specific revision you want, and install it using `pip install -e .` (the `-e` flag specifies an "editable" install, allowing you to change code as you work on django-referrer-policy, and have your changes picked up automatically).

Configuration

To use django-referrer-policy, you need to do two things. First, add `django_referrer_policy.`
`middleware.ReferrerPolicyMiddleware` to your Django `MIDDLEWARE` setting. Then, add the setting
`REFERRER_POLICY`, and set it to one of the acceptable values for the `Referrer-Policy` header. The legal
values are:

- `'no-referrer'`
- `'no-referrer-when-downgrade'`
- `'origin'`
- `'origin-when-cross-origin'`
- `'same-origin'`
- `'strict-origin'`
- `'strict-origin-when-cross-origin'`
- `'unsafe-url'`

For details of what these values mean, consult the Referrer-Policy header specification.

Failing to set the `REFERRER_POLICY` setting, or setting it to an invalid value, will cause the middleware to raise
`django.core.exceptions.ImproperlyConfigured`.

See also:

- Mozilla Developer Network: Referrer-Policy
- Security researcher Scott Helme explaining Referrer-Policy