dj-gravatar

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Dj-Gravatar is a Python package to display avatars using Gravatar on a website developed using Django Framework.

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INSTALLATION

1.1 Windows OS

In the terminal/Powershell, type:

```
python -m pip install dj-gravatar
```

If you do not have `pip`, then download the package from here, unzip it and keep it in your Django project's root directory (as an app).

1.2 Linux/MacOS

In the terminal, type:

```
sudo pip3 install dj-gravatar
```

If you are in a virtual environment, type:

```
pip install dj-gravatar
```

If you do not have `pip`, then download the package from here, unzip it and keep it in your Django project's root directory (as an app).

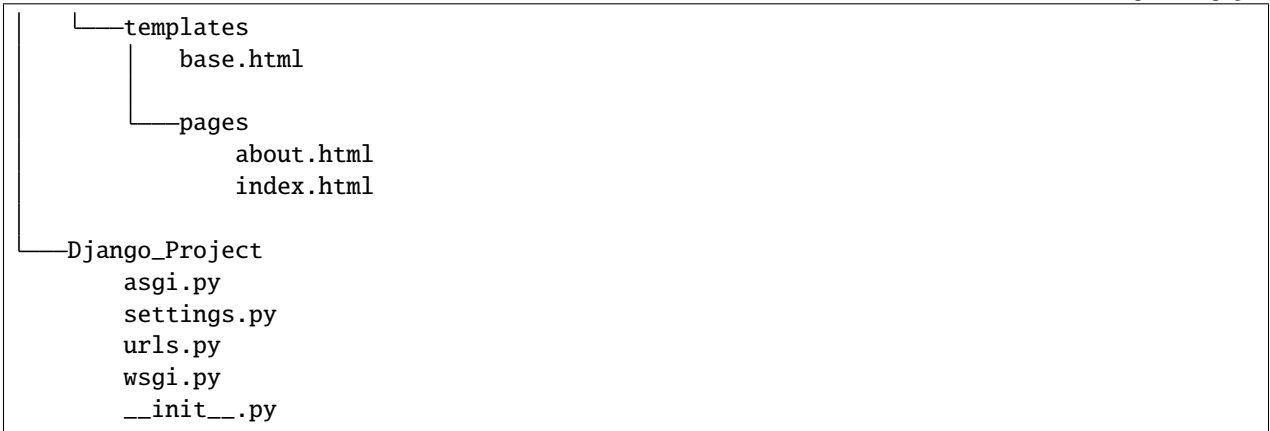### 1.2.1 Usage

Suppose the directory structure of your project is like this.

```
Django_Project
    db.sqlite3
    manage.py

    pages
        admin.py
        apps.py
        models.py
        tests.py
        urls.py
        views.py
        __init__.py
```

```
    └────templates
            base.html

        └────pages
                about.html
                index.html

└────Django_Project
        asgi.py
        settings.py
        urls.py
        wsgi.py
        __init__.py
```

In `Django_Project/settings.py`,

```
...
INSTALLED_APPS = [
    ...
    'dj_gravatar'    # NOTE: underscore(_) is used instead of hyphen(-)
    ...
]
...
```

In the Django Template (`.html` file) where you want to show the gravatar,

```
{% load gravatar %}
...
<img src="{% gravatar_url 'email@mail.com' 200 %}" alt="profile-pic">
...
```

The above code outputs like this:

```
<img src="http://www.gravatar.com/avatar/267f3587edc9b64d8e80ee7eca8abbcb?s=200&d=" alt=
→"profile-pic">
<!-- OR -->
<img src="http://www.gravatar.com/avatar/[hash]?s=200&d=" alt="profile-pic">
```

The argument `s=200` represents the size of the image (`size=200px`). Default size is 80px.

You can also use the following snippet to achieve the same as above:

```
{% load gravatar %}
...
{% gravatar 'email@mail' 200 "alt='profile-pic'" %}
...
```

You can use any HTML attribute instead of `alt`, like `style`. But only use one optional attribute at a time, Otherwise you will get `TemplateSyntaxError`.

If you want to use `https://.../` instead of the default `http://.../`, then add the following setting in your `settings.py` file.

```
GRAVATAR_SECURE = True  # Default False
```

If any email address has no matching Gravatar image, then, a default image is shown. There are the following types of default images:

- **404:** do not load any image if none is associated with the email hash, instead return an HTTP 404 (File Not Found) response

- **mp:** (mystery-person) a simple, cartoon-style silhouetted outline of a person (does not vary by email hash)

- **identicon:** a geometric pattern based on an email hash

- **monsterid:** a generated 'monster' with different colors, faces, etc

- **wavatar:** generated faces with differing features and backgrounds

- **retro:** awesome generated, 8-bit arcade-style pixelated faces

- **robohash:** a generated robot with different colors, faces, etc

- **blank:** a transparent PNG image (border added to HTML below for demonstration purposes)

You can see here how each type of default image looks like.

To show a particular default image out of the above, add the following setting to your `settings.py` file.

```
GRAVATAR_DEFAULT_URL = 'identicon'  # Choose any one of the above
```

1.2.2 Contribute

Contributions are welcome. If you spot any bug(s), have a feature request, or anything else, don't hesitate to *do a* Pull Request, or *opening an issue* from here.