Django REST Framework

Django REST framework is a powerful and flexible toolkit for building Web APIs.

- The Web browsable API is a huge usability win for your developers.

- Authentication policies including packages for OAuth1 and OAuth2.

- Serialization that supports both ORM and non-ORM data sources.

- Customizable all the way down - just use regular function-based views if you don't need the more powerful features.

- Extensive documentation, and great community support.

- Used and trusted by internationally recognized companies including Mozilla, Red Hat, Heroku, and Eventbrite.

Requirements

- Python
- Django

The following packages are optional:

- PyYAML, uritemplate (5.1+, 3.0.0+) - Schema generation support.
- Markdown (3.0.0+) - Markdown support for the browsable API.
- Pygments (2.4.0+) - Add syntax highlighting to Markdown processing.
- django-filter (1.0.1+) - Filtering support.
- django-guardian (1.1.1+) - Object level permissions support.

How to Install/Uninstall DRF

- Install using pip

  pip install djangorestframework

- Uninstall using pip

  pip uninstall djangorestframework

Installing DRF to Django Project

```
INSTALLED_APPS = [
    ...
    'rest_framework',
]
```

URL to use Browsable API

```
urlpatterns = [
    ...
    path(api-auth/, include('rest_framework.urls'))
]
```