

Introduction to Django Rest Framework

Our main motive for learning Django Rest framework is to make API so that we can use it in multiple systems like mobile apps, desktop app, website etc.

API stands for Application Programming Interface. APIs are mechanisms that enable two software components to communicate with each other using a set of definitions and protocols. For example, the weather bureau's software system contains daily weather data. The weather app on your phone “talks” to this system via APIs and shows you daily weather updates on your phone.

Installation Guidelines :

1. Install Django : ***pip install django***
2. Install django rest framework : ***pip install djangorestframework***
3. Add 'rest_framework' to your INSTALLED_APPS setting.

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

4. Create project : ***django-admin startproject projectname***
5. Create app : ***django-admin startapp appname***
6. Make folders for frontend and backend code
7. Follow the instructions to handle CORS error from this blog
<https://www.geeksforgeeks.org/how-to-enable-cors-headers-in-your-django-project/>
8. Follow the tutorials for djangorest framework from this link :
<https://www.django-rest-framework.org/>

Give us your feedback about our today's module :

Form link : <https://forms.gle/GJ2c2iMnM9XuDeXJ8>

Code Link :

<https://github.com/abdullahalnaim/django-rest-framework-codes>