

Let's Build

Hello World API Using **Django Ninja**



Intro

Django ninja is another growing web framework inspired by fastAPI for building web api's with django and python.



Why to use Ninja

- Easy to build web api's.
- It support async and pydantic for fast execution
- Built-in support of OpenApi standard based api documentations
- Good integration with the Django core and ORM.
- It is a production ready.

Install Ninja

To install ninja, you just need to hit this command

```
pip install django-ninja
```

and also don't forget to install django

```
pip install django
```

Create a Django Project

First we need to setup a django project, simply go to your terminal and hit this command to create a django project.

```
django-admin startproject helloworld
```

Write API Code

Simply open helloworld/urls.py file and write our first hello world api code.



helloworld/urls.py

```
from django.contrib import admin
from django.urls import path
from ninja import NinjaAPI

api = NinjaAPI()

@api.get("/")
def add(request):
    return {"message": "hello world"}

urlpatterns = [
    path("admin/", admin.site.urls),
    path("api/", api.urls),
]
```

Let's understand the code

```
from ninja import NinjaAPI  
  
api = NinjaAPI()
```

import NinjaAPI and
create its instance

```
@api.get("/")  
def add(request):  
    return {"message": "hello world"}
```

just call the
get method
and pass
the path to
create GET
request

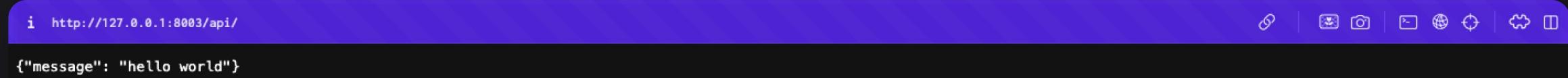
```
urlpatterns = [  
    path("api/", api.urls),  
]
```

Next just create a
function and
return hello world

In last just register ninja api urls

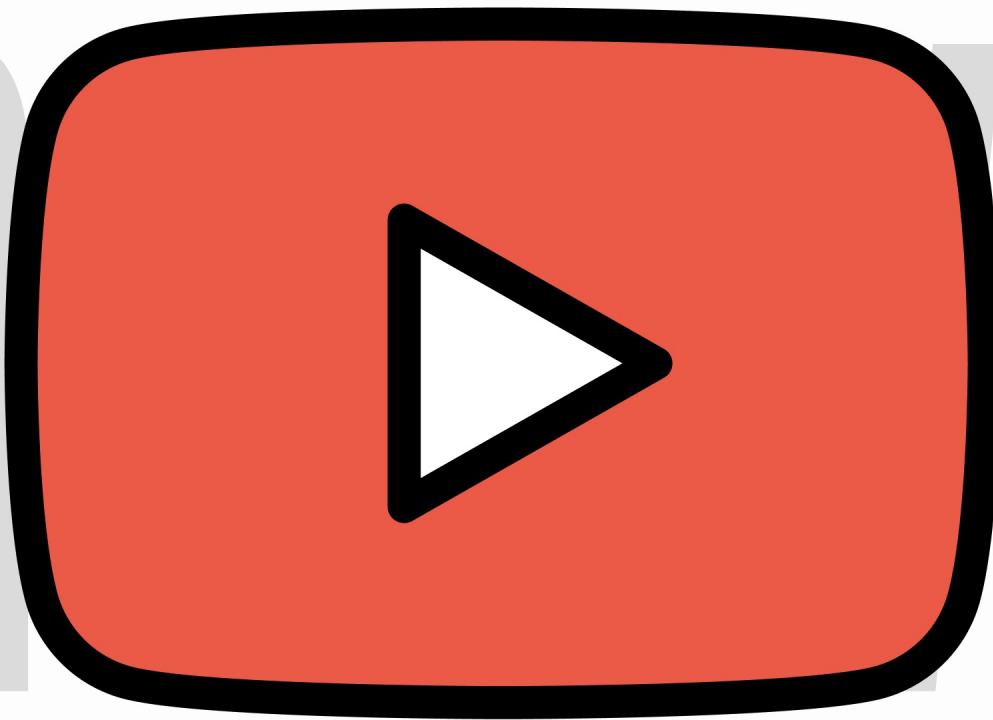
Run the server

Run the django server and simply
visit /api endpoint



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