Cheatography

Django Basics Cheat Sheet

by oporcoranchero via cheatography.com/122224/cs/22793/

Create project environment

sudo apt-get install python3-venv	Download the package
python3 -m venv env	Run the environment
.\env\bin\python	Select env with Ctrl+Shift+P
python -m pip install django	Install Django

Create and run project

django-admin startproject web_project	Start the project
python manage.py runserver	Run the server in 8000 port
Ctrl+C	Stop the server

Project folders and files

__init__.py	Python info
settings.py	Project settings
urls.py	Project URL configurations
wsgi.py	Enables WSGI.

Create app

```
#Create the app
python manage.py startapp <name>
#Create a view in <name>/views.py
from django.http import HttpResponse
def home(request):
return HttpResponse("Hello, Django!")
#Create <name>/urls.py and the following
from django.urls import path
from <name> import views
urlpatterns = [
path("", views.home, name="home"),
]
#Modify web_project/urls.py
from django.contrib import admin
from django.urls import include, path
urlpatterns = [
path("", include("hello.urls")),
]
```

App folders

views.py	App functions, views.
models.py	Contains classes defining your data objects

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