

# METRO INFRASYS

## 4D RADAR Django Environment Setup Script

This script is the process of setting up a Django environment with a virtual environment and installing project dependencies.

### Prerequisites

- Python installed on your system

**On Windows, execute the servers by running the batch files: `runserver.bat` for the Django development server and `radar.bat` for the Radar server.**

### Instructions

- Open Command Prompt or Terminal and navigate to your Django project directory.
- Run the script by typing the following command and hitting Enter:
- The script will perform the following tasks:

### PROJECT SETUP

- Install the virtual environment package using the command
  - `python -m pip install --upgrade pip`
  - `python -m pip install virtualenv`
- Create a virtual environment named **venv** using the command:
  - `python -m venv venv`
- Activate the virtual environment using the command:
  - `call venv\Scripts\activate`
- Install project dependencies specified in **requirements.txt** using the command:
  - `pip install -r requirements.txt`
- Apply database migrations using the following commands:
  - `python manage.py makemigrations`
  - `python manage.py migrate`
- Start the Django development server using the command:
  - `python manage.py runserver`
- Start the Radar server using the command:

- `python manage.py radar`

## NOTE

- Once the setup is complete, you can access your Django application by navigating to <http://127.0.0.1:8000/> in your web browser.
- To stop the server and exit, press any key in the Command Prompt or Terminal window.