HOW-TO DJANGO

1. **Version check (Python) - Using: Python 3.8.1**

$ python --version

1. **Version check (Django) - Using: Django 3.1.3**

$ python -m django --version

1. **Create a project**

$ django-admin startproject mysite . # need the period(.) or it wont make 'manage.py'

1. **Run DEV server (from website directory - the one with manage.py)**

$ python manage.py runserver

NOTE: if the above line doesnt work(and youre on windows OS) you need to remove

"#!/usr/bin/env python" from manage.py

!!NOTE!!: Run the server through powershell(windows)

1. **Development server link**

http://127.0.0.1:8000/

1. **Changing the port (default is: 8000)**

$ python manage.py runserver 8080

- NOTE: Automatic reloading of runserver

The development server automatically reloads Python code for each request as needed. You don’t need to restart the server for code changes to take effect. However, some actions like adding files don’t trigger a restart, so you’ll have to restart the server in these cases.

1. **settings.py**
2. **Create Superuser (srg/adminadmin)**

$ python manage.py createsuperuser # or

$ winpty python manage.py createsuperuser

1. **Admin controls: http://127.0.0.1:8000/admin/**
2. **Create app**

$ python manage.py startapp [appname]

1. **Migrations - Done after creating an app(s)**

$ python manage.py makemigrations

$ python manage.py migrate