0 General Info

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Difference between package and framework

- **package :** set up programs/code that provides specific functionality

- **framework :**

    - predefined architecture that provides abstract functionality

    -speeds up process of creation

    -focus is not on 'how' but on 'what'

django

provides full stack + rest APIs

package manager importance :

- install /uninstall packages

- check dependencies

- check package version

- control package behaviour

our package manager in python —> **pip**

Difference between package manager in a specific path and a global one

-npm i —>

- specific path
- used only once

-npm g —>

- global on system
- used many times
- one version and if it becomes old, u have to edit it for every project

How to install your package manager in a specifiv path/location in Django?
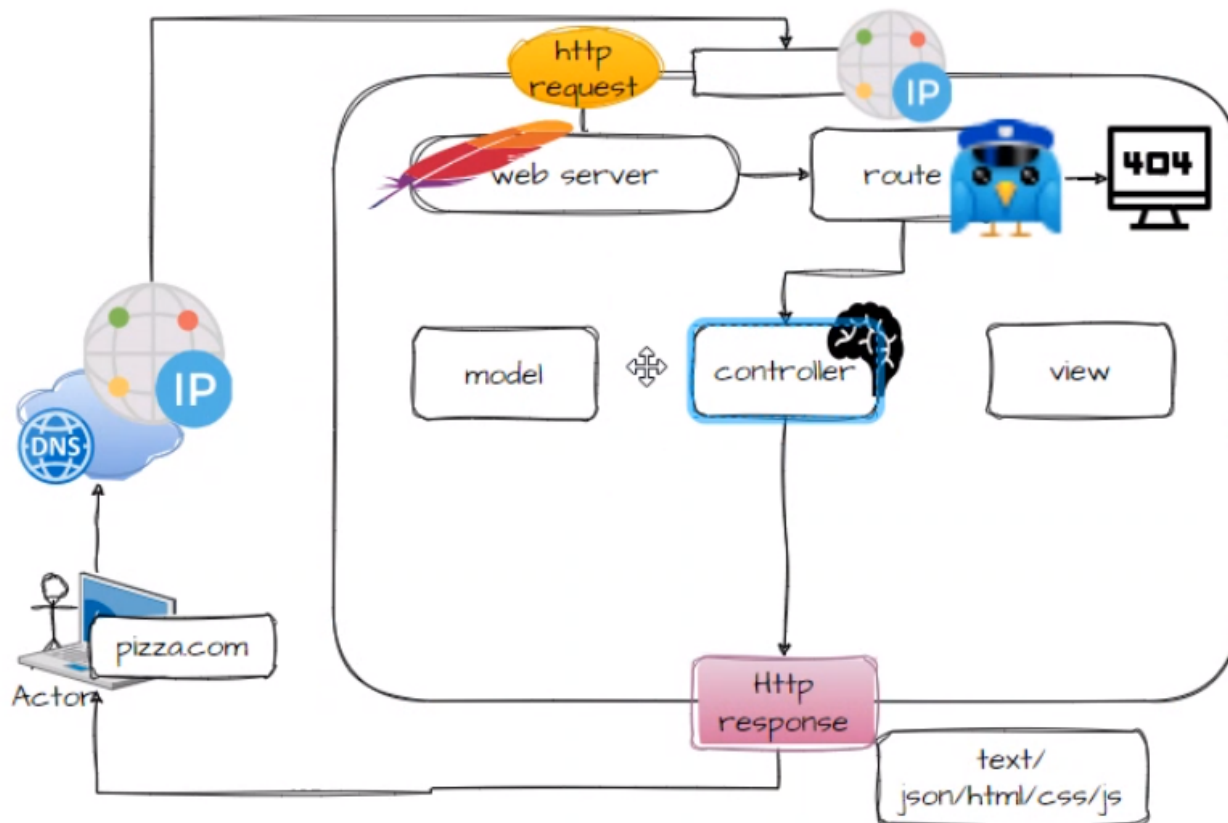
Using **virtualenv**

Note :

pip freeze —> tells you which dependencies/packages you have and their versions.

Design Pattern

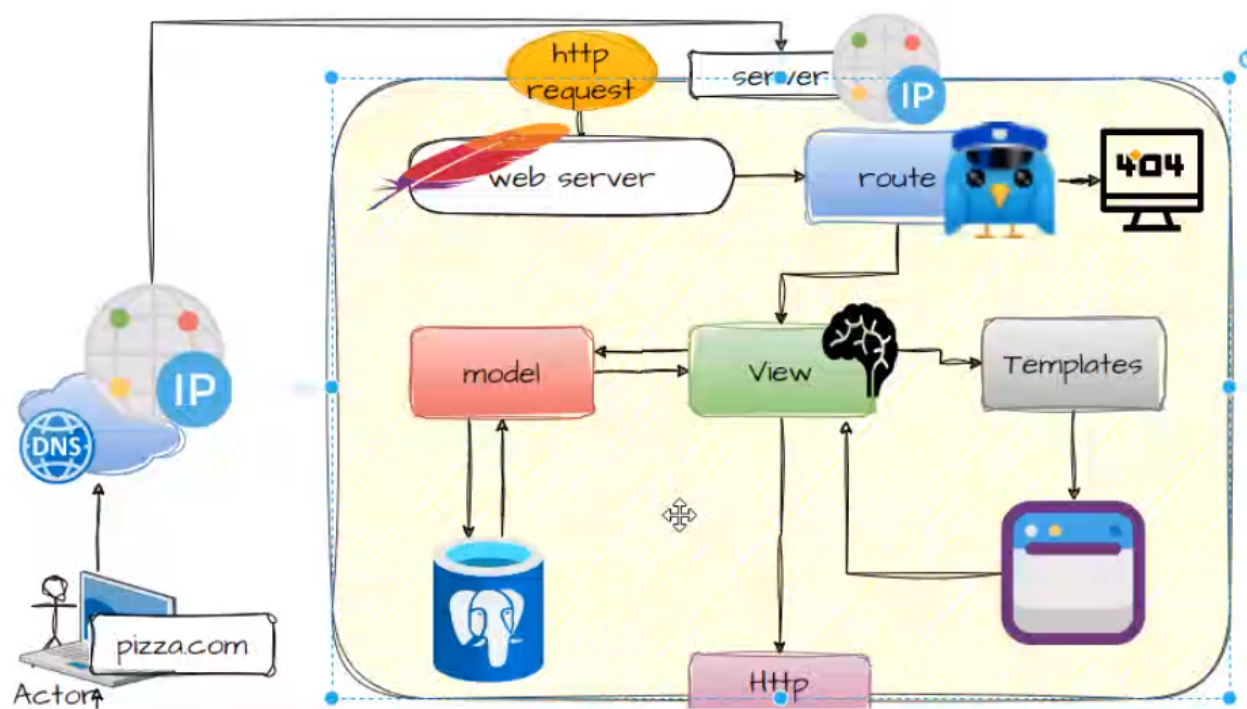-Biggest one is **MVC** which consists of :

- **model :** talks to DB

- **controller** : Brain of framework

- **view :**

-If my sub ip is not correct, for ex : <u>linkedin.com/dkenondndjkfndkjfn</u> , the route won't let me pass to the controller, and instead would give an error of a HTTP Status Code : 404

-But if it's correct, the the route would take me to the controller, and the controller would let me pass to the HTTP response to give it back to the user.

In django, the concepts will be :

-The controller is called View (as it's the brain)

-The View is called Templates (as it's where your display will be)

-Model is the same , database of django