WEB APPLICATIONS & DJANGO

WEB SERVER/FRAMEWORK/APPLICATION

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"Web application is (written using a web framework and) deployed on a web server

Handles low-level network stuff

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- TCP/IP connection handling

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- SSL/TLS encryption
- Serving static files
- Basic routing
- Apache, nginx, IIS, ...

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- Social network, blog site, e-shop, search engine, database interface, ...

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- Social network, blog site, e-shop, search engine, database interface, ...
- Written in PHP, Java, C#, Python, Javascript, Ruby, ...

WEB FRAMEWORK

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Library and a set of conventions for writing web apps

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- Library and a set of conventions for writing web apps
- HTML templates, database access, user authentication, URL routing, input sanitization, form handling, security, localization, caching, logging, ...

Battery-included web framework for Python

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- Provides all required web framework functionality

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Websites using it:

• Disqus

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return HttpResponse("Thanks for voting!")
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1. Define a Python function that will handle requests

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# 1) validate if input request is OK
# 2) access DB, communicate with API, log the request...
# 3) return some response
return HttpResponse("Thanks for voting!")
```

2. Assign a URL to the function

```
path('/vote/<int:question_id>', vote)
```