

More on Web Development Basics

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April 15, 2015

ThoughtWorks®

Why use a web framework?

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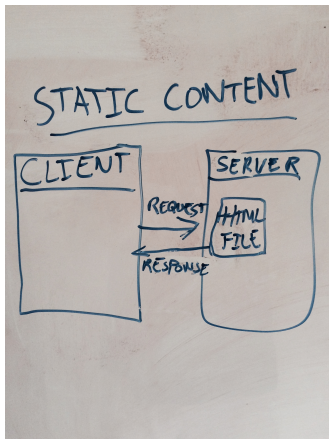


Figure : Static Content

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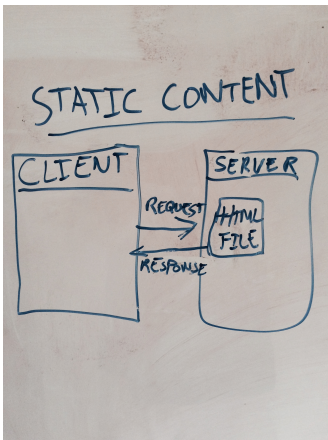


Figure : Static Content

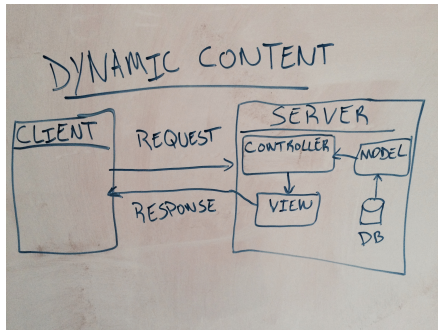


Figure : Dynamic Content

MVC in Django

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In Django **MVC** == **MVT**

General	Django
Model	Model
Controller	View
View	Template

Table : MVC mapping in Django.

HTTP Verbs

HTTP Verbs

■ GET

HTTP Verbs

- GET
- POST

HTTP Verbs

- GET
- POST
- PUT

HTTP Verbs

- GET
- POST
- PUT
- DELETE

Our app should be RESTful

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REpresentational State TTransfer

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- a software architecture style consisting of guidelines and best practices for creating scalable web services (Wikipedia)

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Action	URL	Verb
Index	/books	GET
Show	/books/1	GET
New	/books/new	GET
Create	/books	POST
Edit	/books/1/edit	GET
Update	/books/1	PUT
Destroy	/books/1	DELETE

Table : Mapping REST actions to URLs and verbs.

Making our library RESTful

Making our library RESTful

Action	URL	Verb	Django URL
Index	/books	GET	/books
Show	/books/1	GET	/books/1
New	/books/new	GET	/books/new
Create	/books	POST	/books/create
Edit	/books/1/edit	GET	/books/1/edit
Update	/books/1	PUT	/books/1/update
Destroy	/books/1	DELETE	/books/1/destroy

Table : Mapping REST actions to URLs and verbs.

Let's take a look at our app

Let's add some content

Creating the book model

Some admin

So how do we get to see our view?