



Django – the Web Framework



Introduction

- Web development challenges
- Frameworks will save the day
- Django as a webdev framework



Meet Python

- Cool, easy-to-learn, scripting language with clear syntax and rich standard library
- Web development with Python
- Why choose Python?



Info on Django

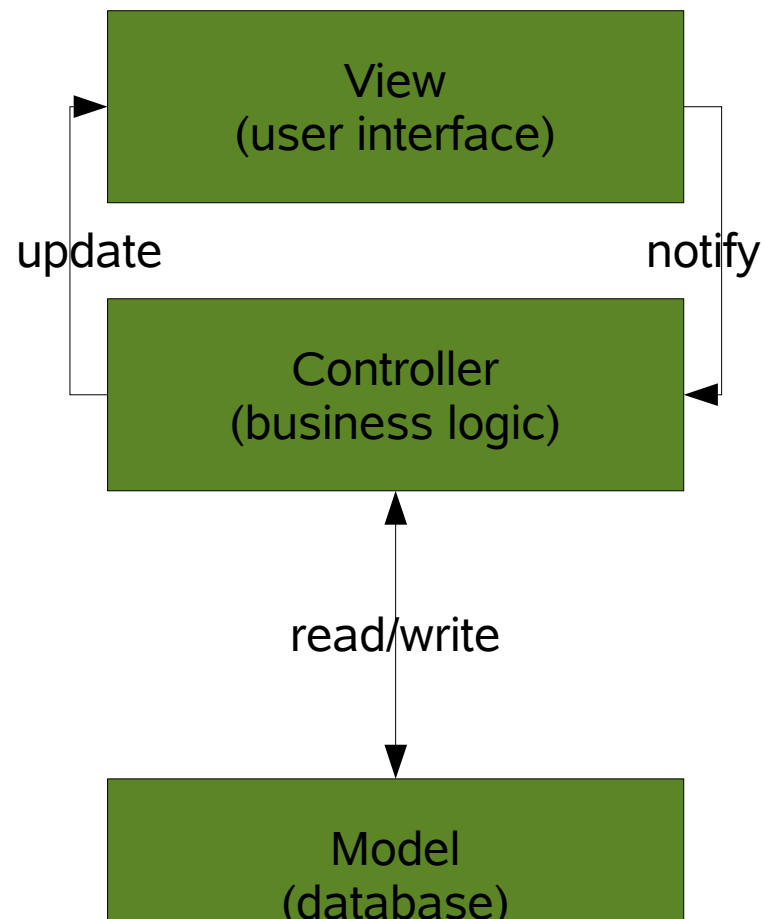
- <http://djangoproject.com>
- <http://docs.djangoproject.com>
- The Django Book



Key design principles

- The MVC development pattern
- Loose coupling

The MVC Development Pattern





Data Models

- ORM
- Defining models in Python



View

- Concept of Views
- Mapping URLs to Views



Templates

- The Django template language



The Automatic Admin Interface

- Auto admin – the killer feature
- Basic usage
- Customization



Other kickass things

- Forms
- RSS/Atom generation
- Caching
- Sessions



Live example

Deploying Django

Scalability

