

Introducing Two Frameworks



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Summary



Conceptual Overview

No need to type along

Django Introduction

AngularJS Introduction

How the two work together



Django: A Short Introduction



Web Development

Python

Build Quickly, Run Fast

Batteries Included

django



Demo



Scrum Board Django Project

Components: MTV

- Model
- Template
- View



AngularJS: A Short Introduction



JavaScript Web Dev

Rich Internet
Applications

Client-Side MVC



Demo



Scrum Board using AngularJS

MVC Architecture

- Model-View-Controller



MVC vs MTV

Django: MTV

Model represents data

Python objects, Stored in database

Template generates HTML

View executes logic

View may call Model and/or Template

Angular: MVC

Model represents data

JavaScript objects, Stored using REST

View: HTML/DOM

Controller executes logic

May use REST for data operations

Two-way binding



Summary



Django: Server-Side, MTV

AngularJS: Client-Side, MVC

Glue: django-rest-framework