

Testing Django Applications

GETTING STARTED



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Overview



Project setup

- virtualenv
- Tool introduction
- Dependencies
- Installation



Tools We'll Use



Python 2.7.10, Django 1.8 or greater (Django 2.0 not yet released)



Python's built in unittest framework and Django's built in test features



Third party tools (Ghost Inspector, Selenium)



virtualenv, a virtual environment engine for Python



virtualenv

Python environment manager

- Create multiple Python environments
- Manage multiple conflicting versions
- Keep dependencies separate

Not magic!

- Creates a folder for each environment
- Each folder holds Python and packages
- CLI to control active version of Python



Demo



Setting up

- Download source code
- Install our dependencies
- Migrate our database
- Create a superuser
- Start Django



Summary



Project setup

- Tools
- Installation
- Running our app

