

Django Fundamentals

Introduction to Django

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pluralsight 
hardcore dev and IT training

django

- **The Web framework for perfectionists (with deadlines)**
 - makes it easier to build better Web apps more quickly and with less code
- **Named after Django Reinhardt**
- **Why?**



django

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Powerful, fast, and fun!

Batteries included

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ORM

URL
mapping

Templates

Forms

Admin

Packages

Django Principles

- Be more productive with less code
- Writing good, clear, clean code
 - Loose coupling
 - DRY
 - And more: <http://goo.gl/PRrEMe>
- Fun
- Very thoroughly documented
- Great, friendly community
- <http://www.djangoproject.com/>

What You Should Already Know



Basics of
Python



Basics of
Web development



Basics of
Databases

In This Course

- **Django installation and setup**
 - The development environment
- **The Django environment**
 - Starting a project, apps
 - Scripts (django-admin.py and manage.py)
 - Settings
- **Models**
 - Defining model classes and generating database model
 - Retrieving and storing data
 - Relations between tables (foreign keys etc.)
- **The admin interface**

In This Course

- **Views**
 - URL mapping
 - Handling HTTP
 - Generic views
 - Forms
- **Templates**
 - Syntax
 - Tags and filters
 - Passing data to a template
- **Unit testing**
- **Putting your site in production**
- **Using third-party packages**