

RefreshAustin.org

Introduction to Django

The Web framework for perfectionists with deadlines

Contents

0. What Django is (and what it isn't)
1. Major Features
2. Building a PR application with Django
3. Django vs. Rails
4. Etc...
5. Q&A





- What Django is
 - Python-based open-source web application framework
 - Limits repetitive work and gets apps up and running quickly
 - Encourages best practices for building dynamic web applications
- What Django isn't
 - A CMS
 - A replacement for other web frameworks



- Object-Relational Mapper (ORM) and DB API
- Automatic Admin Interface
- Flexible, elegant URL mapping
- Template System
- Cache System
- Internationalization



- 1. Create a project, start an application**
2. Define your models, create the database
3. Add the Admin UI
4. Define your views
5. Write your templates
6. Create a Form



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- Rails most frequently compared web framework

	Django	Rails
Language	Python	Ruby
Project Accelerators	Admin Interface	CRUD framework AJAX
Template System	Django Templates	RHTML
ORM	Python Classes	Introspection



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Etc...



- Interesting Django Projects
 - Coltrane – blog
 - Satchmo – store
 - Django-GoogleMap
 - Explore at <http://www.djangopluggables.com>

- Hosting and Deployment
 - Webfaction
 - MediaTemple (beta)
 - Google AppEngine!

- Further Reading
 - <http://www.djangoproject.com>
 - <http://www.djangobook.com>
 - Practical Django Projects

Q&A



- Ask some questions