



Web Development with Django Cookbook - Second Edition

By *Aidas Bendoraitis*



Web Development with Django Cookbook - Second Edition By Aidas Bendoraitis

Key Features

- This is the latest book on the market that will help you take advantage of the new features added to Django 1.8
- This book consists of recipes of varying complexities to help you create multilingual, responsive, and scalable websites with Django
- This updated edition teaches you major Django functions and will help you improve your skills by developing models, forms, views, and templates

Book Description

Django is a web framework that was designed to strike a balance between rapid web development and high performance. It has the capacity to handle applications with high levels of user traffic and interaction, and can integrate with massive databases on the backend, constantly collecting and processing data in real time.

Through this book, you'll discover that collecting data from different sources and providing it to others in different formats isn't as difficult as you thought. It follows a task-based approach to guide you through all the web development processes using the Django framework. We'll start by setting up the virtual environment for a Django project and configuring it. Then you'll learn to write reusable pieces of code for your models and find out how to manage database schema changes using South migrations. After that, we'll take you through working with forms and views to enter and list data. With practical examples on using templates and JavaScript together, you will discover how to create the best user experience. In the final chapters, you'll be introduced to some programming and debugging tricks and finally, you will be shown how to test and deploy the project to a remote dedicated server.

By the end of this book, you will have a good understanding of the new features added to Django 1.8 and be an expert at web development processes.

What you will learn

- Get started with the basic configuration necessary to start any Django project

- Build a database structure out of reusable model mixins
- Manage forms and views and get to know some useful patterns that are used to create them
- Create handy template filters and tags that you can reuse in every project
- Integrate your own functionality into the Django CMS
- Manage hierarchical structures with MPTT
- Import data from local sources and external web services as well as exporting your data to third parties
- Implement a multilingual search with Haystack
- Test and deploy your project efficiently

About the Author

Aidas Bendoraitis has been professionally working with web technologies for over a decade. Over the past nine years at a Berlin-based company, studio 38 pure communication GmbH, he has developed a number of small-scale and large-scale Django projects—mostly in the cultural area—together with a creative team. At the moment, he is also working as a software architect at a London-based mobile startup, Hype.

Aidas regularly attends meetups of Django User Group Berlin, occasionally visits Django and Python conferences, and writes a weblog about Django: <http://djangotricks.blogspot.com/>.

Table of Contents

1. Getting Started with Django 1.8
2. Database Structure
3. Forms and Views
4. Templates and JavaScript
5. Custom Template Filters and Tags
6. Model Administration
7. Django CMS
8. Hierarchical Structures
9. Data Import and Export
10. Bells and Whistles
11. Testing and Deployment

 [Download Web Development with Django Cookbook - Second Edit
...pdf](#)

 [Read Online Web Development with Django Cookbook - Second Ed
...pdf](#)

Web Development with Django Cookbook - Second Edition

By Aidas Bendoraitis

Web Development with Django Cookbook - Second Edition By Aidas Bendoraitis

Key Features

- This is the latest book on the market that will help you take advantage of the new features added to Django 1.8
- This book consists of recipes of varying complexities to help you create multilingual, responsive, and scalable websites with Django
- This updated edition teaches you major Django functions and will help you improve your skills by developing models, forms, views, and templates

Book Description

Django is a web framework that was designed to strike a balance between rapid web development and high performance. It has the capacity to handle applications with high levels of user traffic and interaction, and can integrate with massive databases on the backend, constantly collecting and processing data in real time.

Through this book, you'll discover that collecting data from different sources and providing it to others in different formats isn't as difficult as you thought. It follows a task-based approach to guide you through all the web development processes using the Django framework. We'll start by setting up the virtual environment for a Django project and configuring it. Then you'll learn to write reusable pieces of code for your models and find out how to manage database schema changes using South migrations. After that, we'll take you through working with forms and views to enter and list data. With practical examples on using templates and JavaScript together, you will discover how to create the best user experience. In the final chapters, you'll be introduced to some programming and debugging tricks and finally, you will be shown how to test and deploy the project to a remote dedicated server.

By the end of this book, you will have a good understanding of the new features added to Django 1.8 and be an expert at web development processes.

What you will learn

- Get started with the basic configuration necessary to start any Django project
- Build a database structure out of reusable model mixins
- Manage forms and views and get to know some useful patterns that are used to create them
- Create handy template filters and tags that you can reuse in every project
- Integrate your own functionality into the Django CMS
- Manage hierarchical structures with MPTT
- Import data from local sources and external web services as well as exporting your data to third parties
- Implement a multilingual search with Haystack
- Test and deploy your project efficiently

About the Author

Aidas Bendoraitis has been professionally working with web technologies for over a decade. Over the past

nine years at a Berlin-based company, studio 38 pure communication GmbH, he has developed a number of small-scale and large-scale Django projects—mostly in the cultural area—together with a creative team. At the moment, he is also working as a software architect at a London-based mobile startup, Hype.

Aidas regularly attends meetups of Django User Group Berlin, occasionally visits Django and Python conferences, and writes a weblog about Django: <http://djangotricks.blogspot.com/>.

Table of Contents

1. Getting Started with Django 1.8
2. Database Structure
3. Forms and Views
4. Templates and JavaScript
5. Custom Template Filters and Tags
6. Model Administration
7. Django CMS
8. Hierarchical Structures
9. Data Import and Export
10. Bells and Whistles
11. Testing and Deployment

Web Development with Django Cookbook - Second Edition By Aidas Bendoraitis Bibliography

- Sales Rank: #142490 in eBooks
- Published on: 2016-01-28
- Released on: 2016-01-28
- Format: Kindle eBook

 [Download Web Development with Django Cookbook - Second Edit ...pdf](#)

 [Read Online Web Development with Django Cookbook - Second Ed ...pdf](#)

Download and Read Free Online Web Development with Django Cookbook - Second Edition By Aidas Bendoraitis

Editorial Review

About the Author

Aidas Bendoraitis has been professionally working with web technologies for over a decade. Over the past nine years at a Berlin-based company, studio 38 pure communication GmbH, he has developed a number of small-scale and large-scale Django projects-mostly in the cultural area-together with a creative team. At the moment, he is also working as a software architect at a London-based mobile startup, Hype. Aidas regularly attends meetups of Django User Group Berlin, occasionally visits Django and Python conferences, and writes a weblog about Django: <http://djangotricks.blogspot.com/>.

Users Review

From reader reviews:

Martin Thomas:

What do you think of book? It is just for students since they're still students or the item for all people in the world, the actual best subject for that? Just you can be answered for that concern above. Every person has diverse personality and hobby for every single other. Don't to be compelled someone or something that they don't need do that. You must know how great in addition to important the book Web Development with Django Cookbook - Second Edition. All type of book could you see on many options. You can look for the internet solutions or other social media.

James Fitzgibbons:

This Web Development with Django Cookbook - Second Edition book is not really ordinary book, you have it then the world is in your hands. The benefit you have by reading this book is information inside this e-book incredible fresh, you will get information which is getting deeper you actually read a lot of information you will get. This specific Web Development with Django Cookbook - Second Edition without we comprehend teach the one who reading it become critical in thinking and analyzing. Don't end up being worry Web Development with Django Cookbook - Second Edition can bring once you are and not make your case space or bookshelves' turn out to be full because you can have it in the lovely laptop even telephone. This Web Development with Django Cookbook - Second Edition having great arrangement in word and also layout, so you will not sense uninterested in reading.

John Hill:

Here thing why this kind of Web Development with Django Cookbook - Second Edition are different and reputable to be yours. First of all reading through a book is good however it depends in the content than it which is the content is as yummy as food or not. Web Development with Django Cookbook - Second Edition giving you information deeper since different ways, you can find any book out there but there is no reserve that similar with Web Development with Django Cookbook - Second Edition. It gives you thrill reading journey, its open up your own personal eyes about the thing that will happened in the world which is might

be can be happened around you. You can easily bring everywhere like in recreation area, café, or even in your method home by train. Should you be having difficulties in bringing the paper book maybe the form of Web Development with Django Cookbook - Second Edition in e-book can be your substitute.

Kurt Bohnert:

Do you considered one of people who can't read pleasant if the sentence chained inside the straightway, hold on guys this aren't like that. This Web Development with Django Cookbook - Second Edition book is readable by simply you who hate those perfect word style. You will find the info here are arrange for enjoyable studying experience without leaving even decrease the knowledge that want to give to you. The writer of Web Development with Django Cookbook - Second Edition content conveys the idea easily to understand by most people. The printed and e-book are not different in the written content but it just different available as it. So , do you still thinking Web Development with Django Cookbook - Second Edition is not loveable to be your top record reading book?

Download and Read Online Web Development with Django Cookbook - Second Edition By Aidas Bendoraitis #BUJRYIGZX4M

Read Web Development with Django Cookbook - Second Edition By Aidas Bendoraitis for online ebook

Web Development with Django Cookbook - Second Edition By Aidas Bendoraitis Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Web Development with Django Cookbook - Second Edition By Aidas Bendoraitis books to read online.

Online Web Development with Django Cookbook - Second Edition By Aidas Bendoraitis ebook PDF download

Web Development with Django Cookbook - Second Edition By Aidas Bendoraitis Doc

Web Development with Django Cookbook - Second Edition By Aidas Bendoraitis Mobipocket

Web Development with Django Cookbook - Second Edition By Aidas Bendoraitis EPub