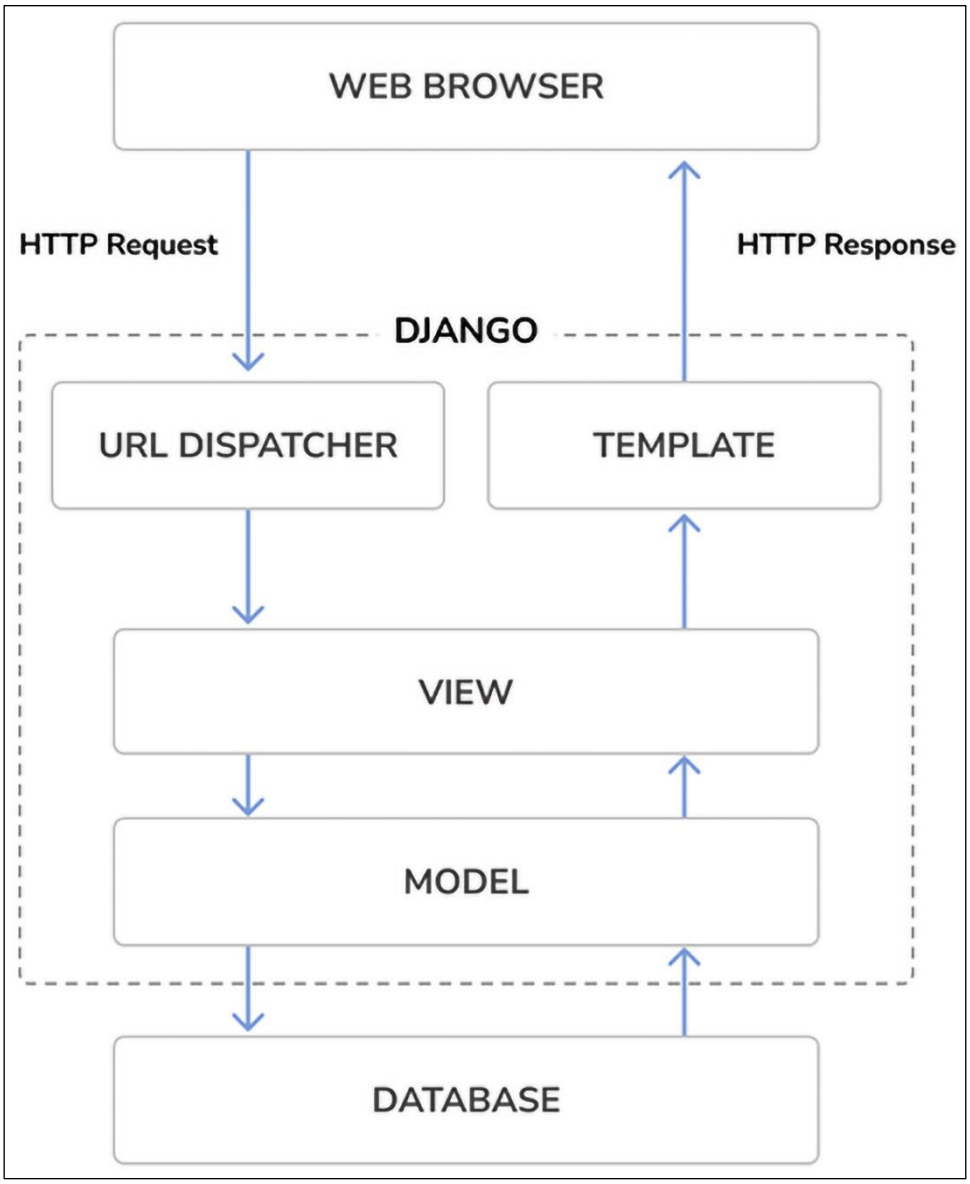
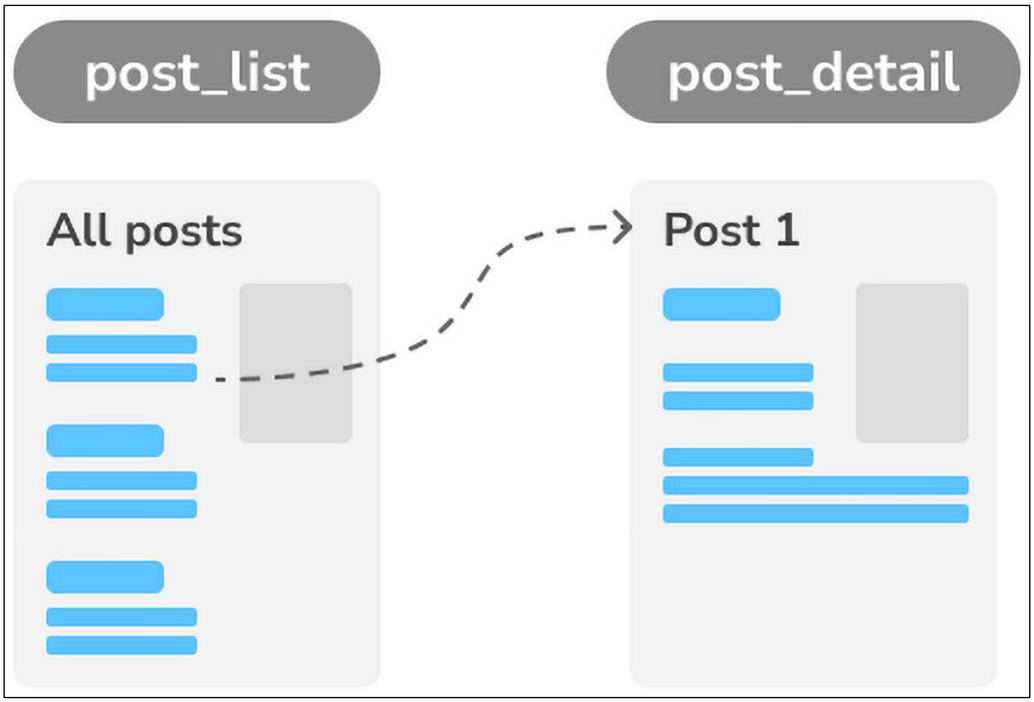
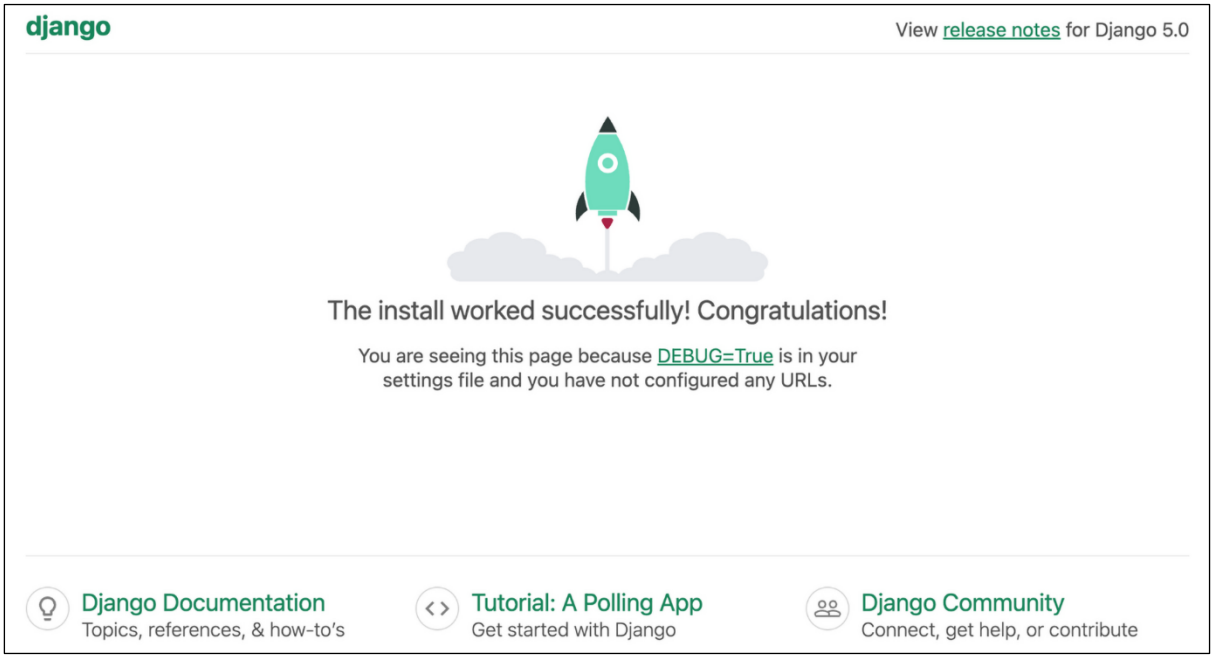
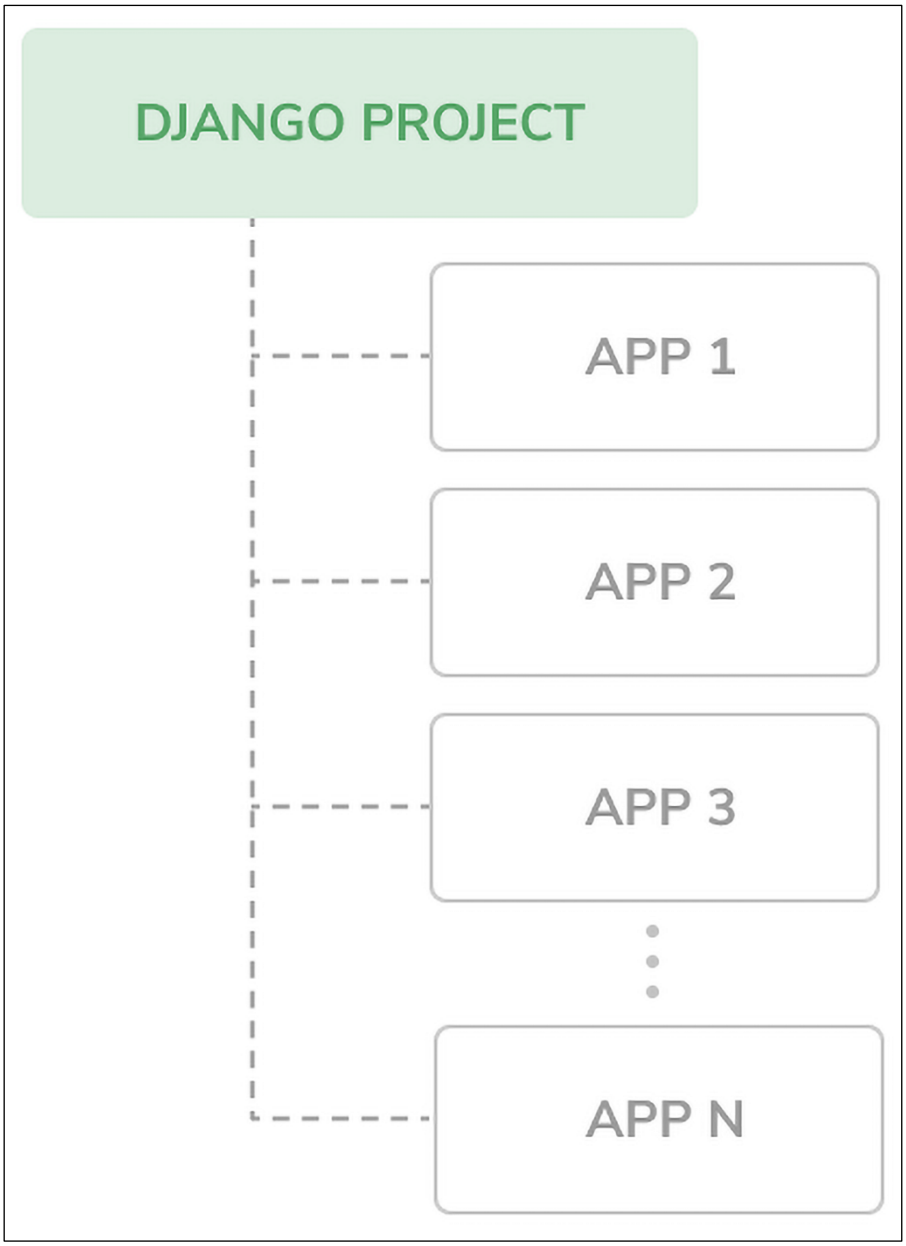
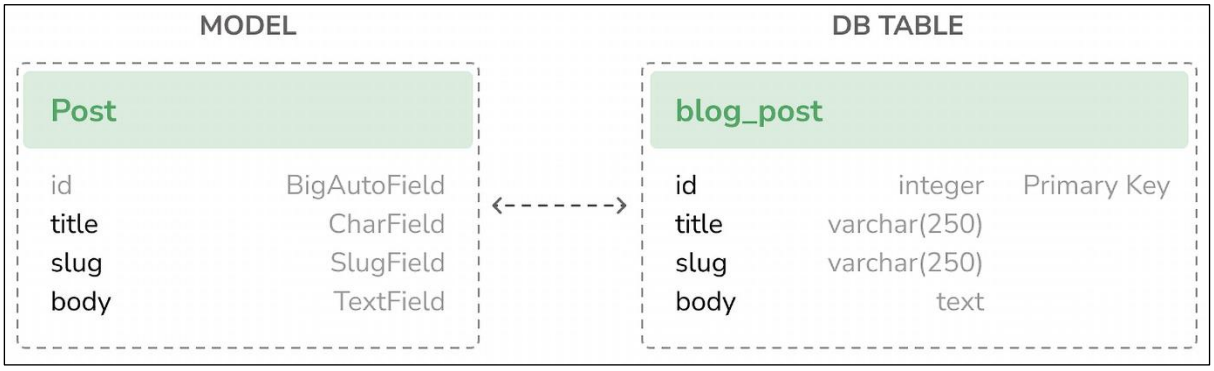
Chapter 1: Building a Blog Application

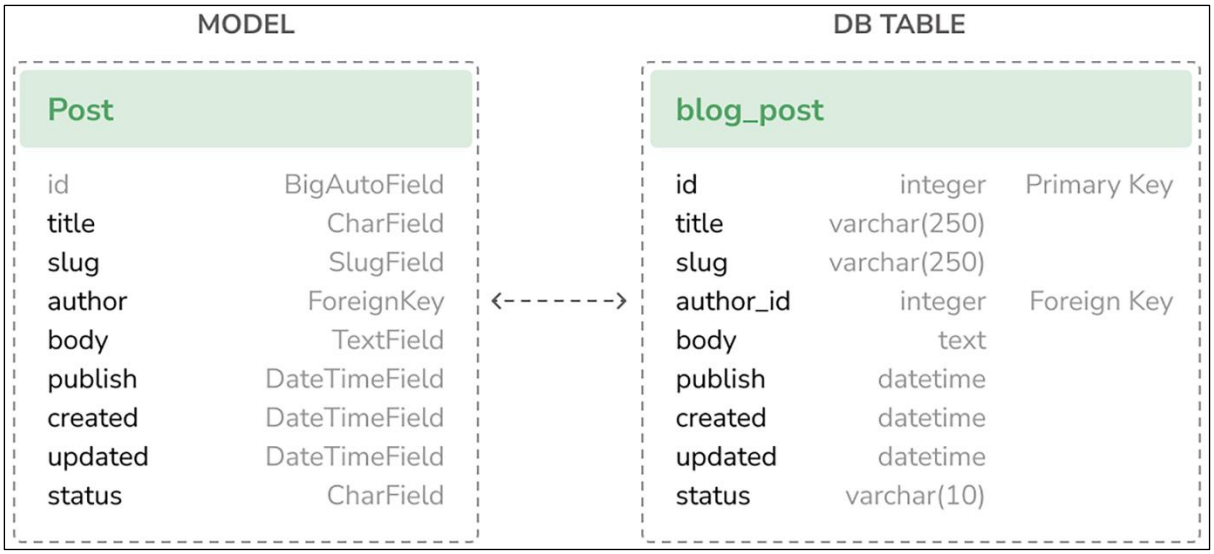


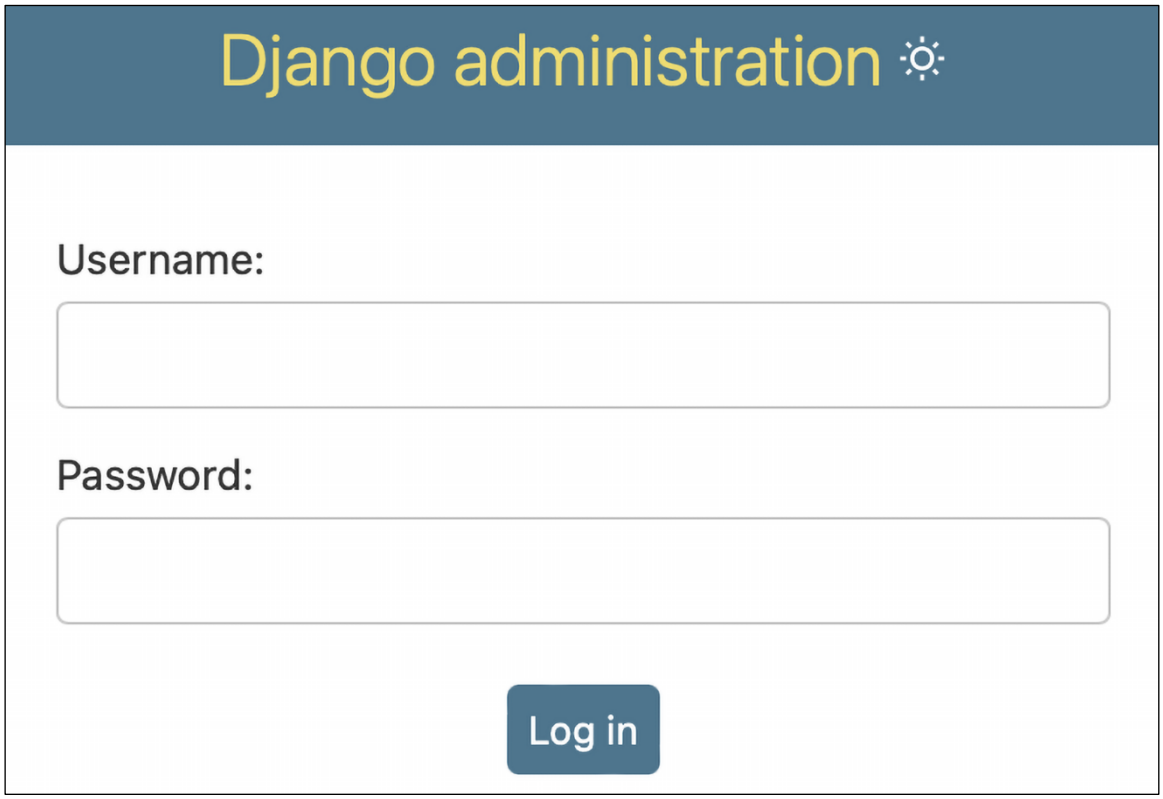

post_list
post_detail
All posts
Post 1


django
View release notes for Django 5.0
The install worked successfully! Congratulations!
You are seeing this page because DEBUG=True is in your settings file and you have not configured any URLs.
Django Documentation
Topics, references, & how-to's
Tutorial: A Polling App
Get started with Django
Django Community
Connect, get help, or contribute

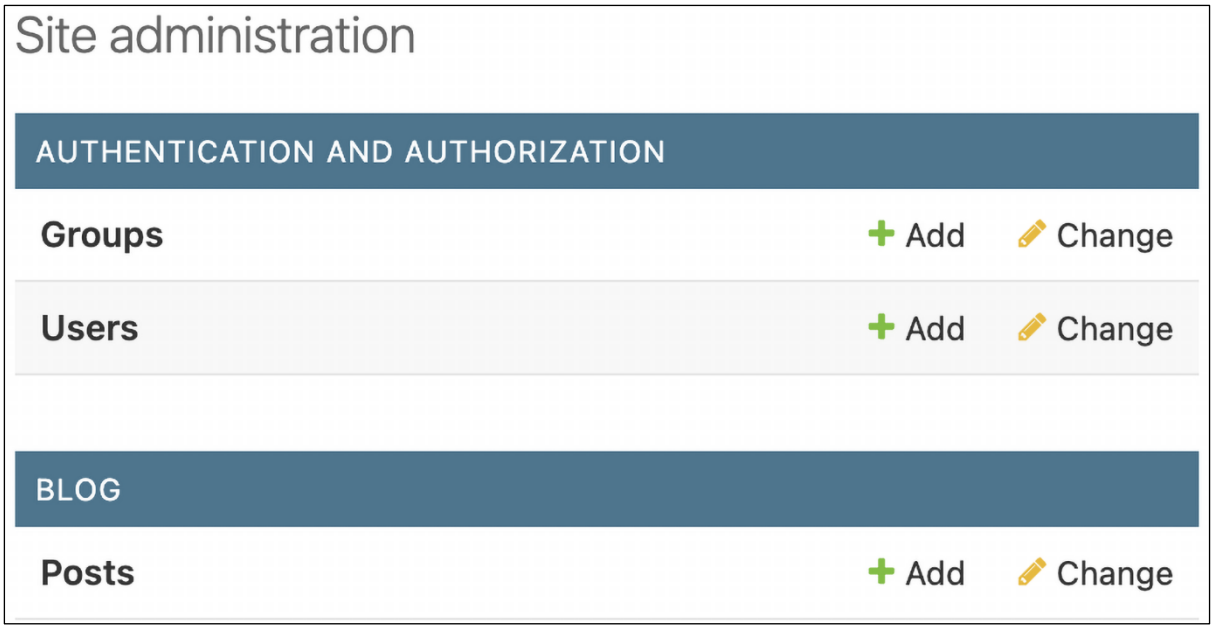

DJANGO PROJECT
APP 1
APP 2
APP 3
APP N

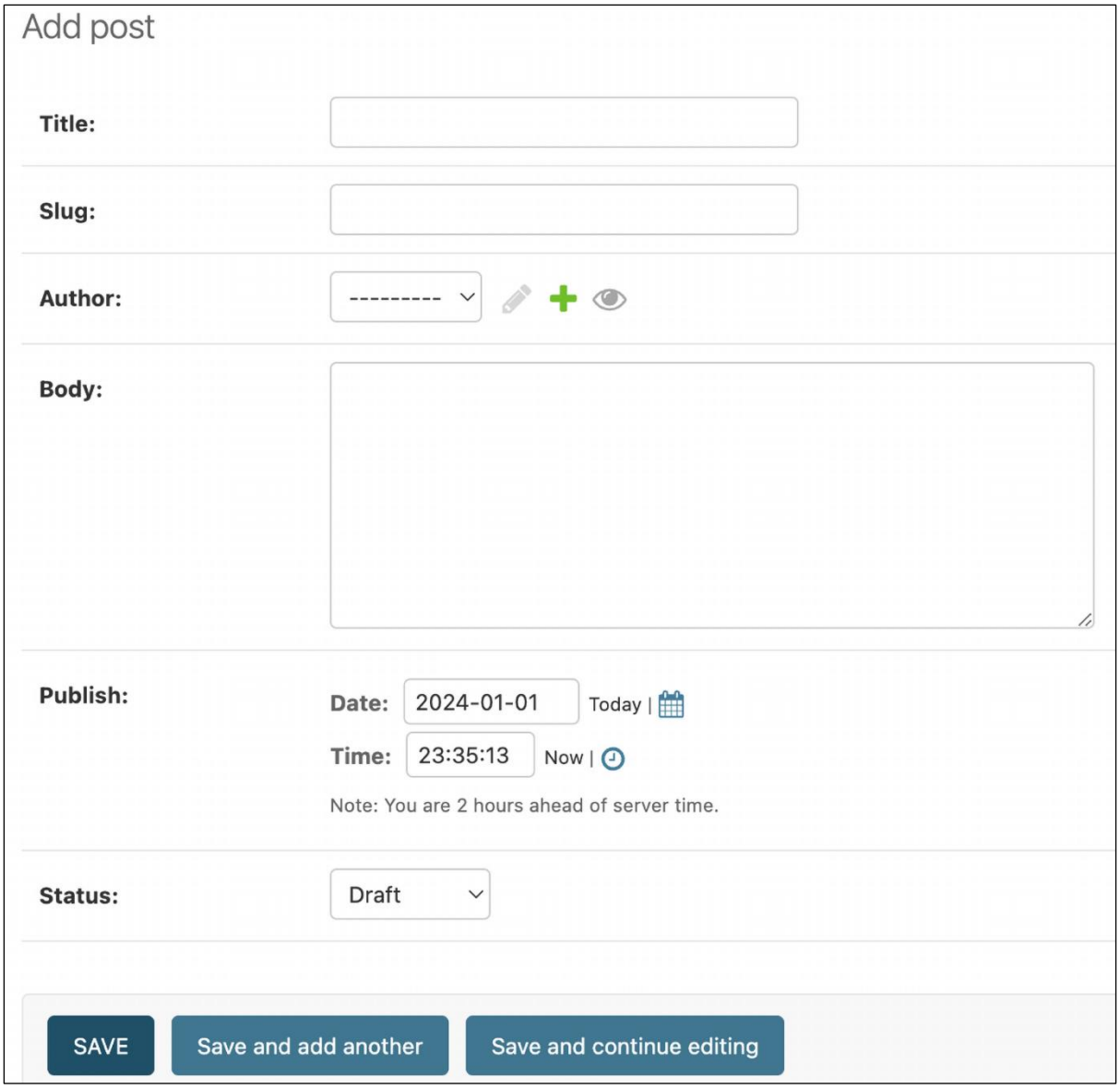

MODEL
DB TABLE
Post
id BigAutoField
title CharField
slug SlugField
body TextField
blog_post
id integer Primary Key
title varchar(250)
slug varchar(250)
body text


MODEL
DB TABLE
Post
id BigAutoField
title CharField
slug SlugField
author ForeignKey
body TextField
publish DateTimeField
created DateTimeField
updated DateTimeField
status CharField
<------->
blog_post
id integer Primary Key
title varchar(250)
slug varchar(250)
author_id integer Foreign Key
body text
publish datetime
created datetime
updated datetime
status varchar(10)

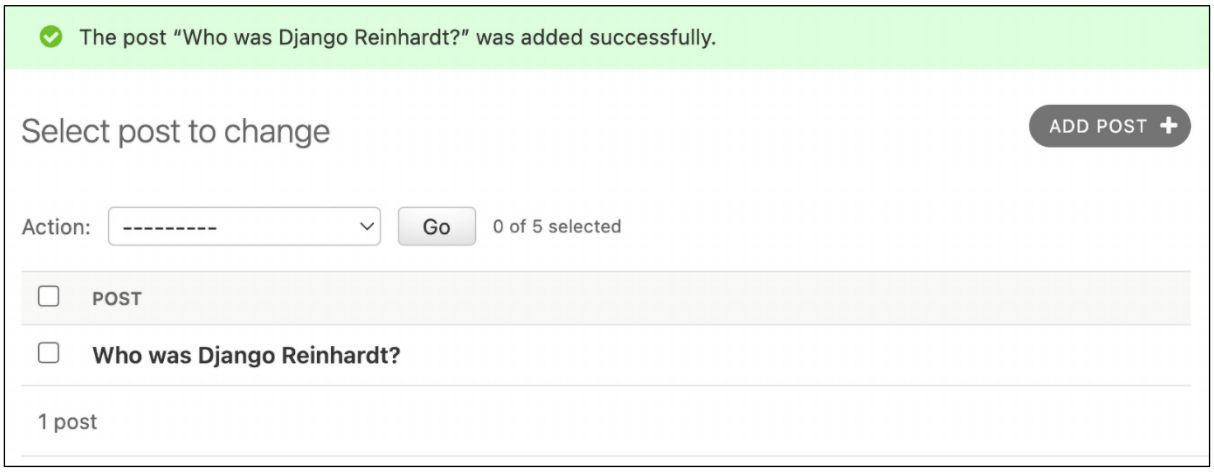

Django administration
Username:
Password:
Log in


Django administration
Site administration
AUTHENTICATION AND AUTHORIZATION
Groups
Add
Change
Users
Add
Change

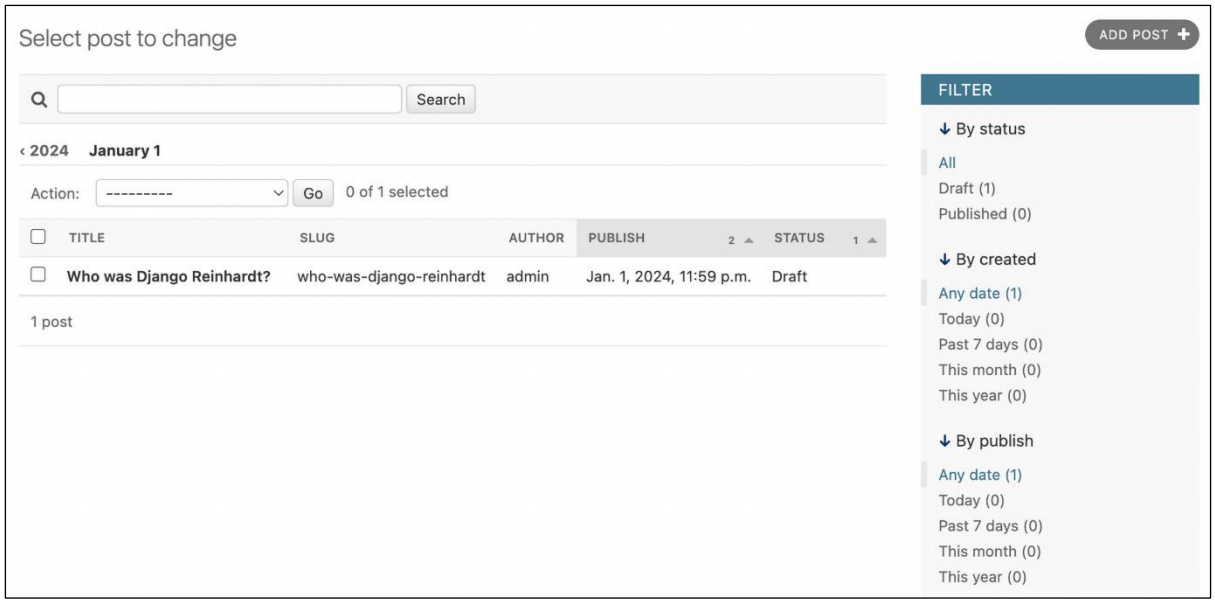

Site administration
AUTHENTICATION AND AUTHORIZATION
Groups
Add
Change
Users
Add
Change
BLOG
Posts
Add
Change

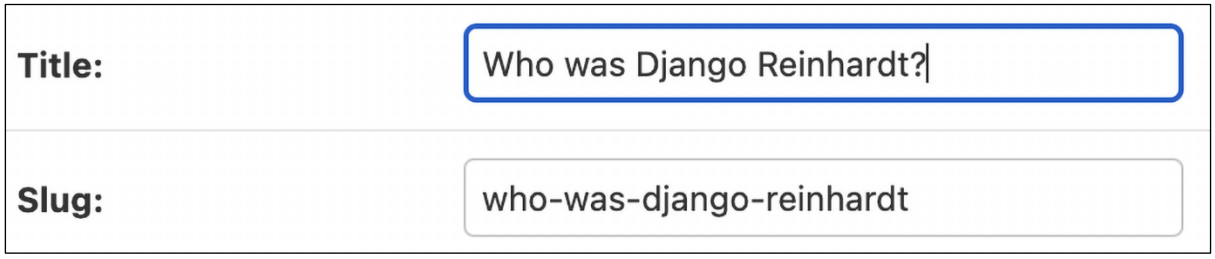

Add post
Title:
Slug:
Author:

Body:
Publish:
Date:
2024-01-01
Today |
Time:
23:35:13
Now |
Note: You are 2 hours ahead of server time.
Status:
Draft
SAVE
Save and add another
Save and continue editing

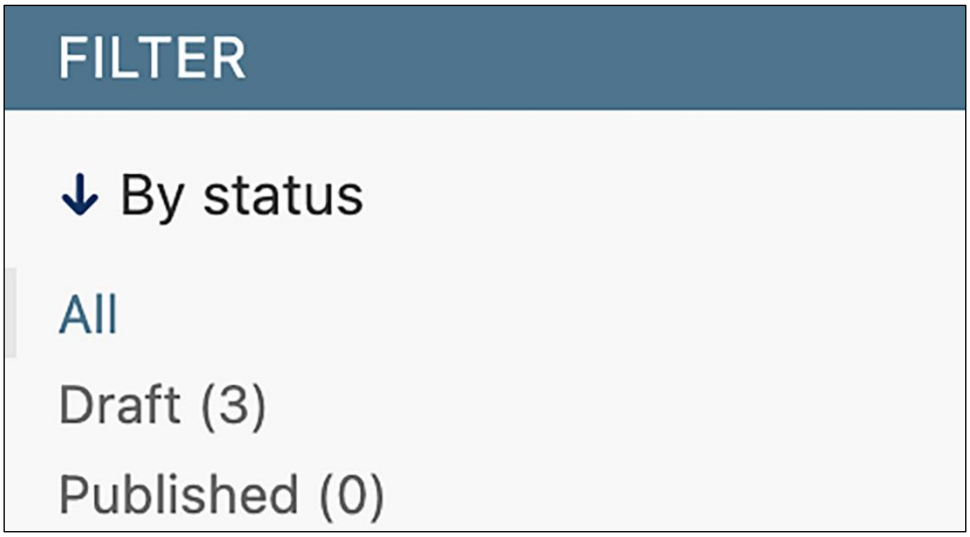

The post "Who was Django Reinhardt?" was added successfully.
Select post to change
ADD POST
Action:

Go
0 of 5 selected
POST
Who was Django Reinhardt?
1 post

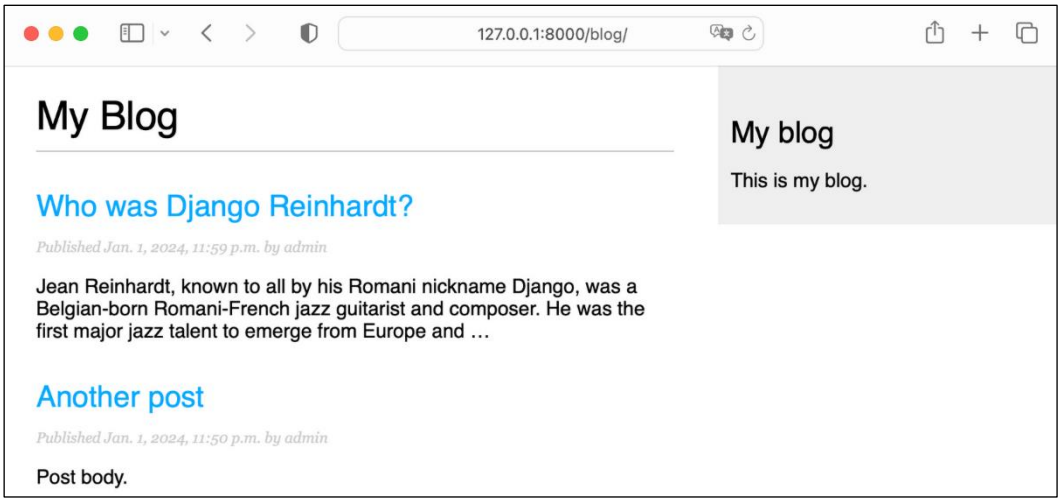

Select post to change
ADD POST
Search
‹ 2024 January 1
Action: --------- Go 0 of 1 selected
TITLE SLUG AUTHOR PUBLISH 2 STATUS 1
Who was Django Reinhardt? who-was-django-reinhardt admin Jan. 1, 2024, 11:59 p.m. Draft
1 post
FILTER
By status
All
Draft (1)
Published (0)
By created
Any date (1)
Today (0)
Past 7 days (0)
This month (0)
This year (0)
By publish
Any date (1)
Today (0)
Past 7 days (0)
This month (0)
This year (0)

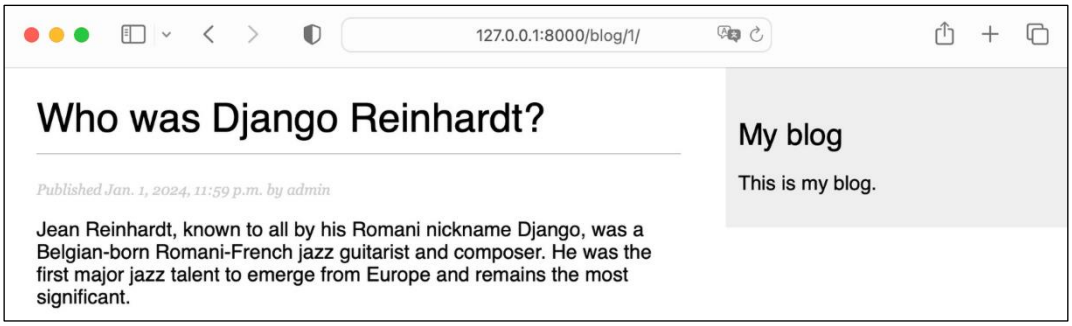

Title:
Who was Django Reinhardt?
Slug:
who-was-django-reinhardt

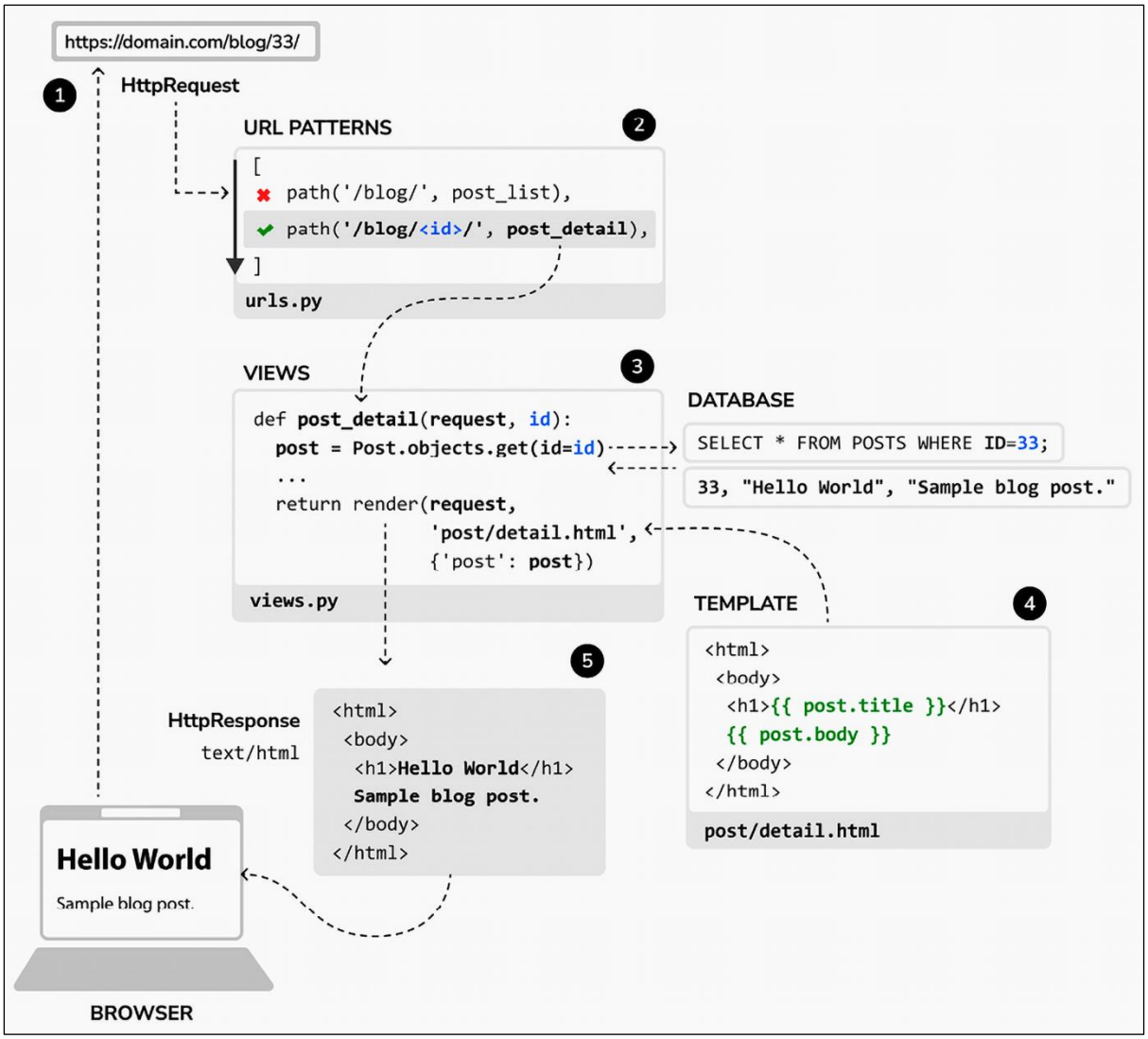

Author:
1


FILTER
By status
All
Draft (3)
Published (0)

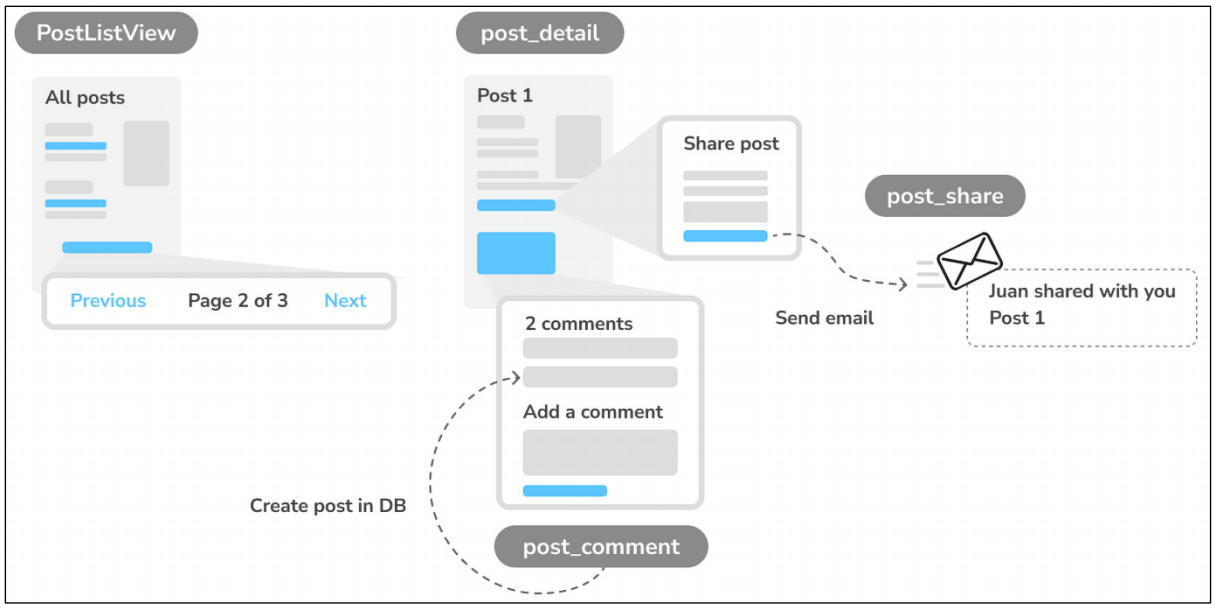

Status:
Published

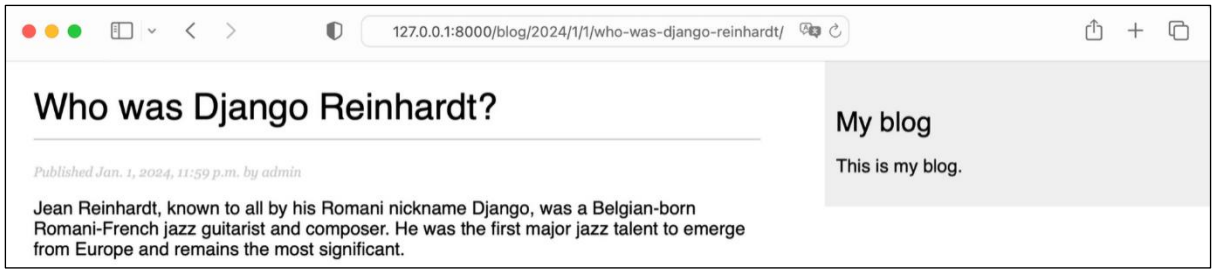

127.0.0.1:8000/blog/
My Blog
Who was Django Reinhardt?
Published Jan. 1, 2024, 11:59 p.m. by admin
Jean Reinhardt, known to all by his Romani nickname Django, was a Belgian-born Romani-French jazz guitarist and composer. He was the first major jazz talent to emerge from Europe and …
Another post
Published Jan. 1, 2024, 11:50 p.m. by admin
Post body.
My blog
This is my blog.

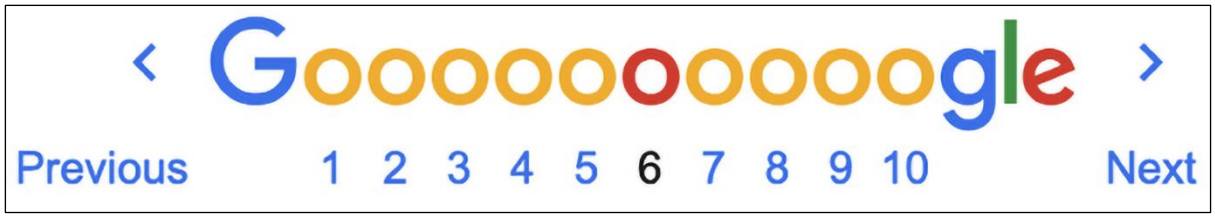

127.0.0.1:8000/blog/1/
Who was Django Reinhardt?
Published Jan. 1, 2024, 11:59 p.m. by admin
Jean Reinhardt, known to all by his Romani nickname Django, was a Belgian-born Romani-French jazz guitarist and composer. He was the first major jazz talent to emerge from Europe and remains the most significant.
My blog
This is my blog.

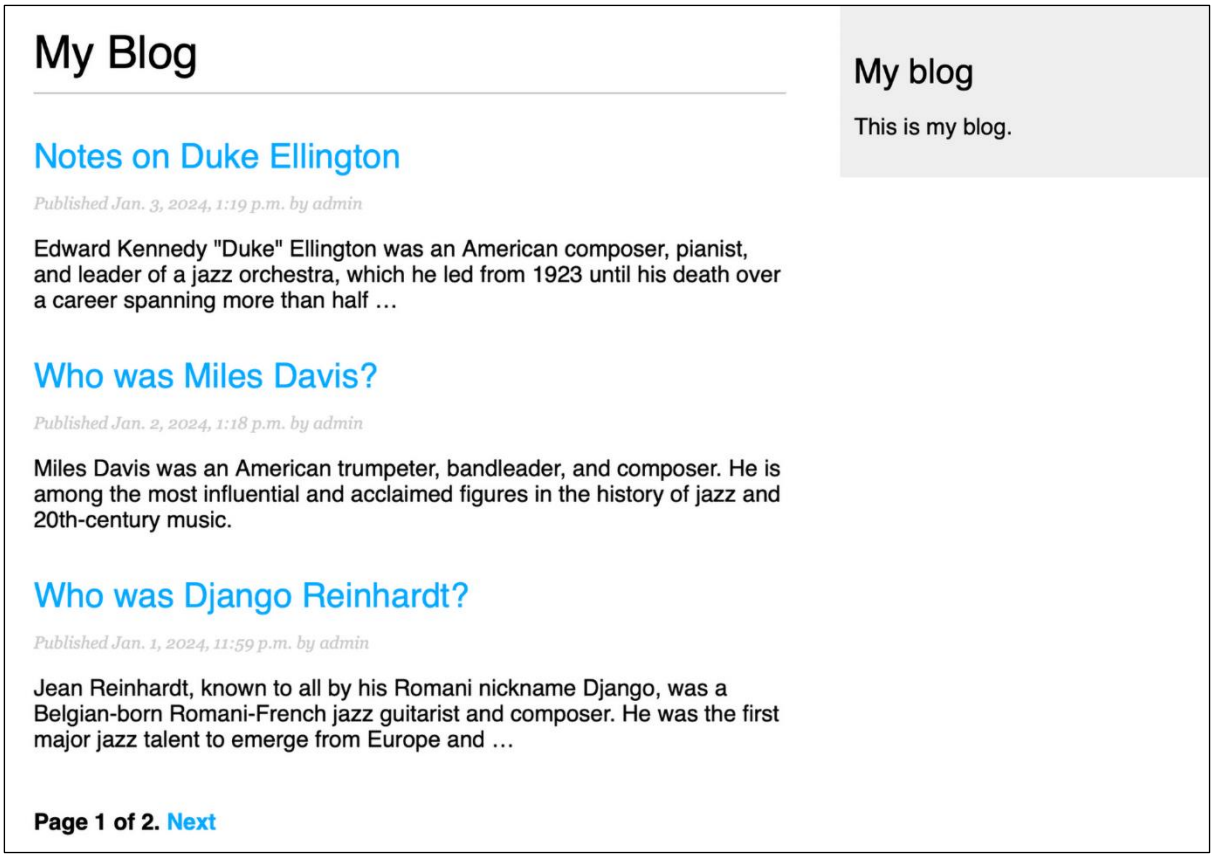

https://domain.com/blog/33/
1
HttpRequest
URL PATTERNS
2
[
path('/blog/', post_list),
path('/blog/<id>/', post_detail),
]
urls.py
VIEWS
3
def post_detail(request, id):
post = Post.objects.get(id=id)
...
return render(request,
'post/detail.html',
{'post': post})
views.py
DATABASE
SELECT * FROM POSTS WHERE ID=33;
33, "Hello World", "Sample blog post."
TEMPLATE
4
<html>
<body>
<h1>{{ post.title }}</h1>
{{ post.body }}
</body>
</html>
post/detail.html
5
HttpResponse
text/html
<html>
<body>
<h1>Hello World</h1>
Sample blog post.
</body>
</html>
Hello World
Sample blog post.
BROWSER

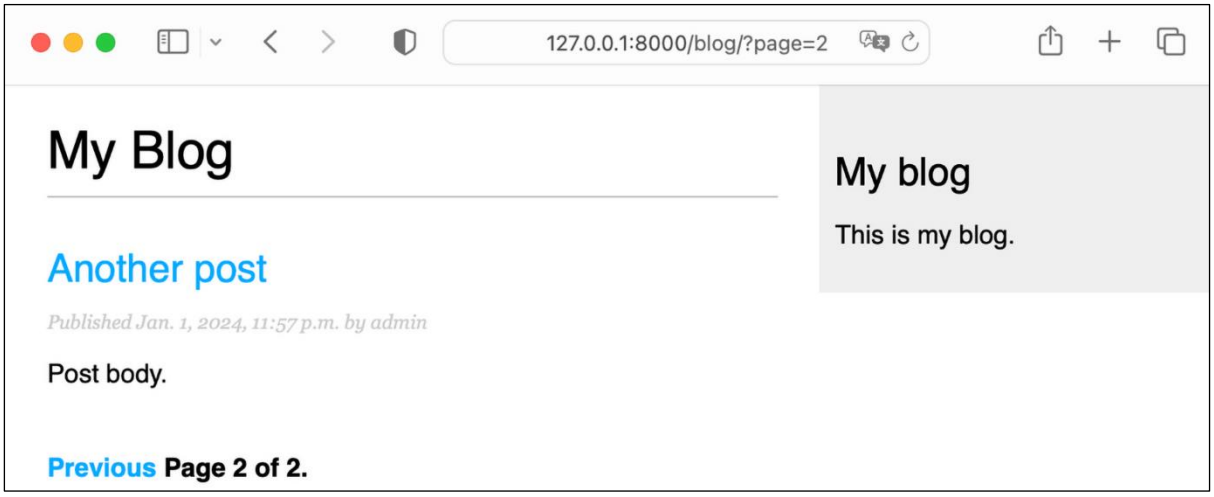
Chapter 2: Enhancing Your Blog and Adding Social Features

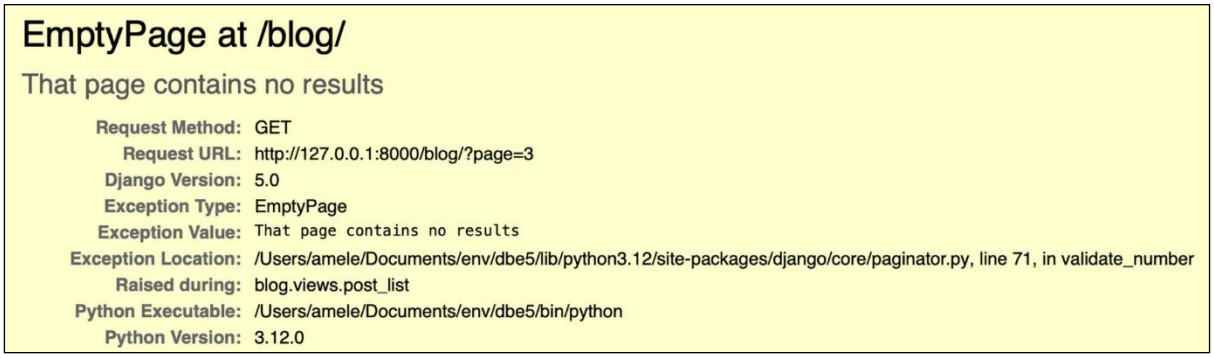




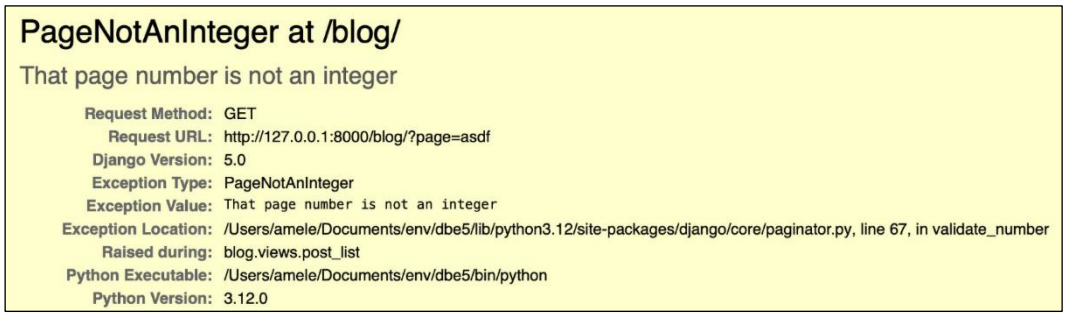


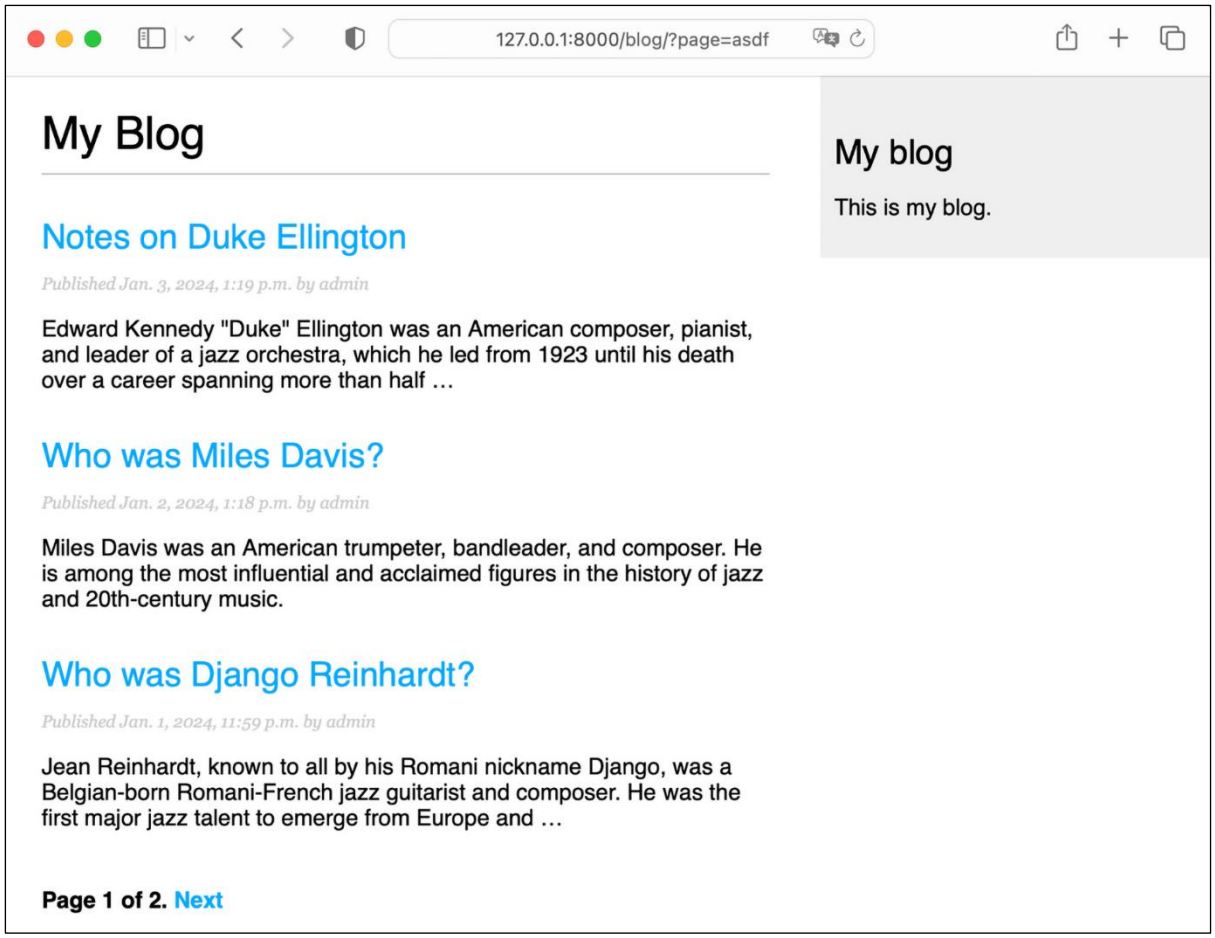

My Blog
Notes on Duke Ellington
Published Jan. 3, 2024, 1:19 p.m. by admin
Edward Kennedy "Duke" Ellington was an American composer, pianist, and leader of a jazz orchestra, which he led from 1923 until his death over a career spanning more than half …
Who was Miles Davis?
Published Jan. 2, 2024, 1:18 p.m. by admin
Miles Davis was an American trumpeter, bandleader, and composer. He is among the most influential and acclaimed figures in the history of jazz and 20th-century music.
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Page 1 of 2. Next
My blog
This is my blog.

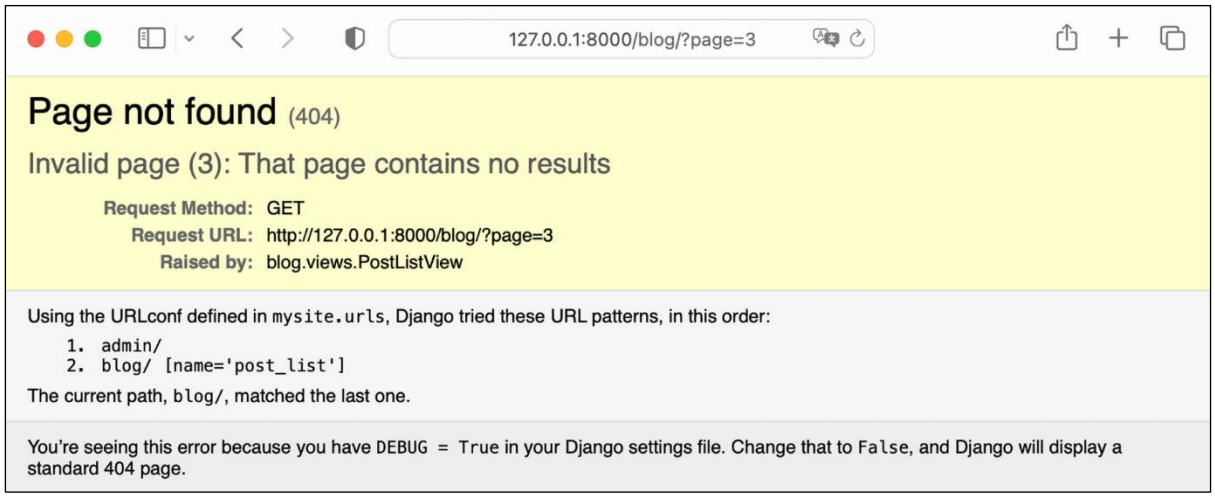

127.0.0.1:8000/blog/?page=2
My Blog
Another post
Published Jan. 1, 2024, 11:57 p.m. by admin
Post body.
Previous Page 2 of 2.
My blog
This is my blog.

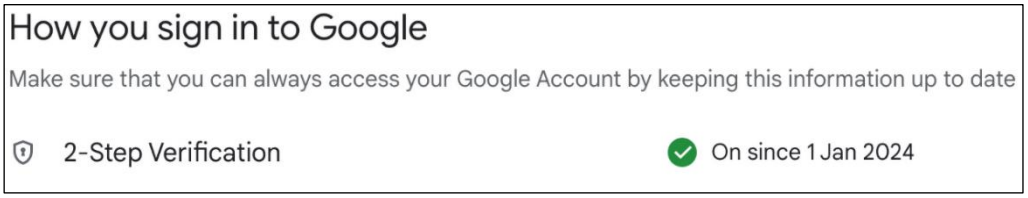

EmptyPage at /blog/
That page contains no results
Request Method: GET
Request URL: http://127.0.0.1:8000/blog/?page=3
Django Version: 5.0
Exception Type: EmptyPage
Exception Value: That page contains no results
Exception Location: /Users/amele/Documents/env/dbe5/lib/python3.12/site-packages/django/core/paginator.py, line 71, in validate_number
Raised during: blog.views.post_list
Python Executable: /Users/amele/Documents/env/dbe5/bin/python
Python Version: 3.12.0

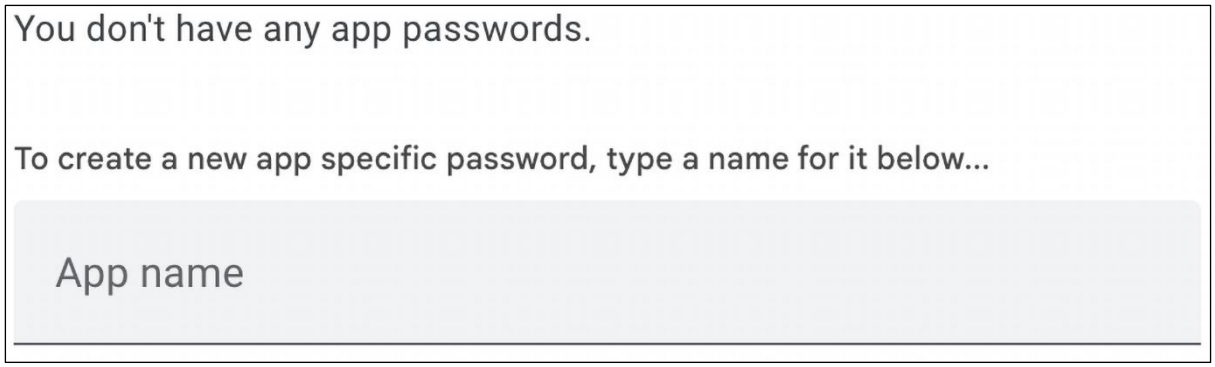

127.0.0.1:8000/blog/?page=3
My Blog
Another post
Published Jan. 1, 2024, 11:57 p.m. by admin
Post body.
Previous Page 2 of 2.
My blog
This is my blog.

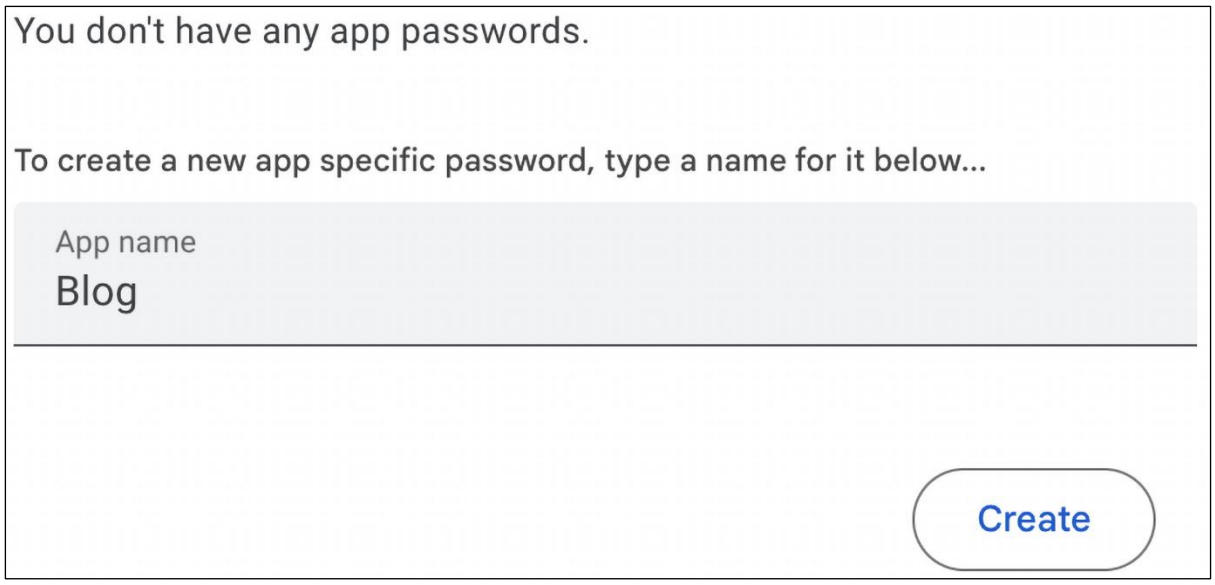

PageNotAnInteger at /blog/
That page number is not an integer
Request Method: GET
Request URL: http://127.0.0.1:8000/blog/?page=asdf
Django Version: 5.0
Exception Type: PageNotAnInteger
Exception Value: That page number is not an integer
Exception Location: /Users/amele/Documents/env/dbe5/lib/python3.12/site-packages/django/core/paginator.py, line 67, in validate_number
Raised during: blog.views.post_list
Python Executable: /Users/amele/Documents/env/dbe5/bin/python
Python Version: 3.12.0


127.0.0.1:8000/blog/?page=asdf
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Page 1 of 2. Next
My blog
This is my blog.

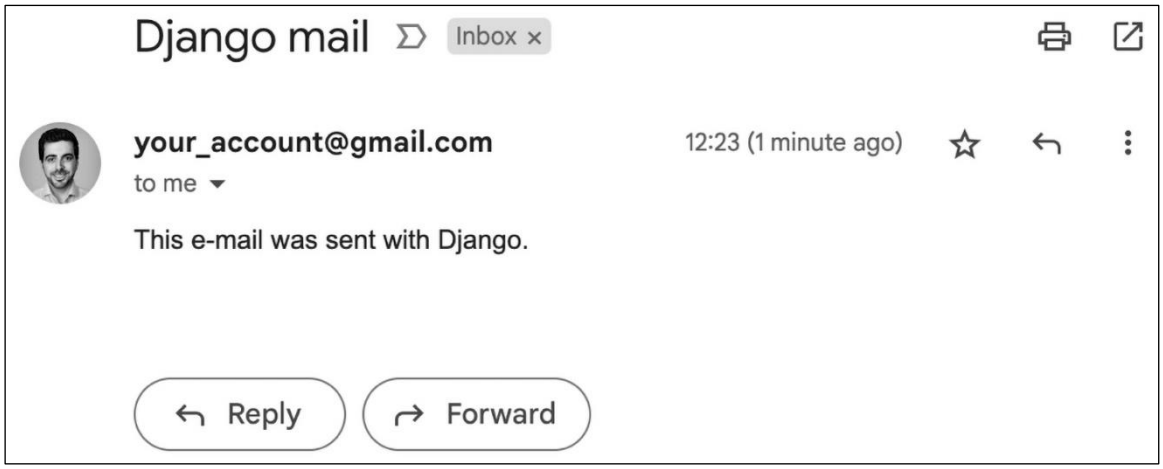

127.0.0.1:8000/blog/?page=3
Page not found (404)
Invalid page (3): That page contains no results
Request Method: GET
Request URL: http://127.0.0.1:8000/blog/?page=3
Raised by: blog.views.PostListView
Using the URLconf defined in mysite.urls, Django tried these URL patterns, in this order:
1. admin/
2. blog/ [name='post_list']
The current path, blog/, matched the last one.
You're seeing this error because you have DEBUG = True in your Django settings file. Change that to False, and Django will display a standard 404 page.


How you sign in to Google
Make sure that you can always access your Google Account by keeping this information up to date
2-Step Verification
On since 1 Jan 2024


You don't have any app passwords.
To create a new app specific password, type a name for it below...
App name


You don't have any app passwords.
To create a new app specific password, type a name for it below...
App name
Blog
Create


Generated app password
Your app password for your device
xxxx xxxx xxxx xxxx



Notes on Duke Ellington

Published Jan. 3, 2024, 1:19 p.m. by admin

Edward Kennedy "Duke" Ellington was an American composer, pianist, and leader of a jazz orchestra, which he led from 1923 until his death over a career spanning more than half a century.

Share this post

Share "Notes on Duke Ellington" by e-mail

Name:

Email:

To:

Comments:

SEND E-MAIL

My blog

This is my blog.

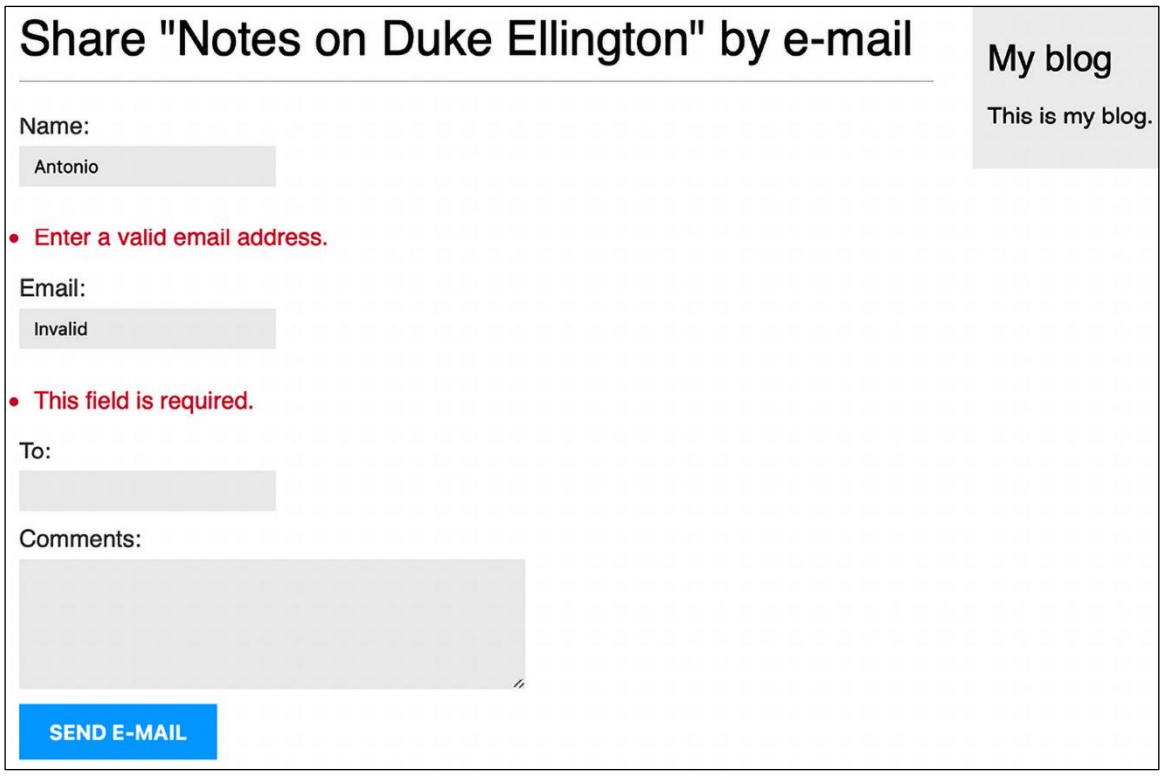
E-mail successfully sent

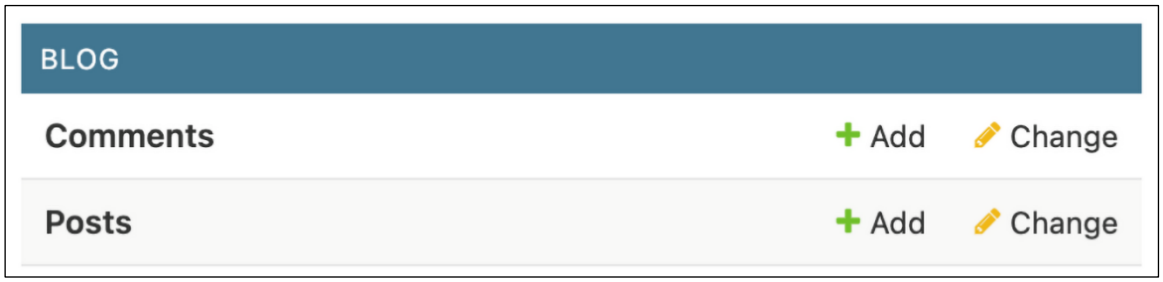
"Notes on Duke Ellington" was successfully sent to your_account@gmail.com.

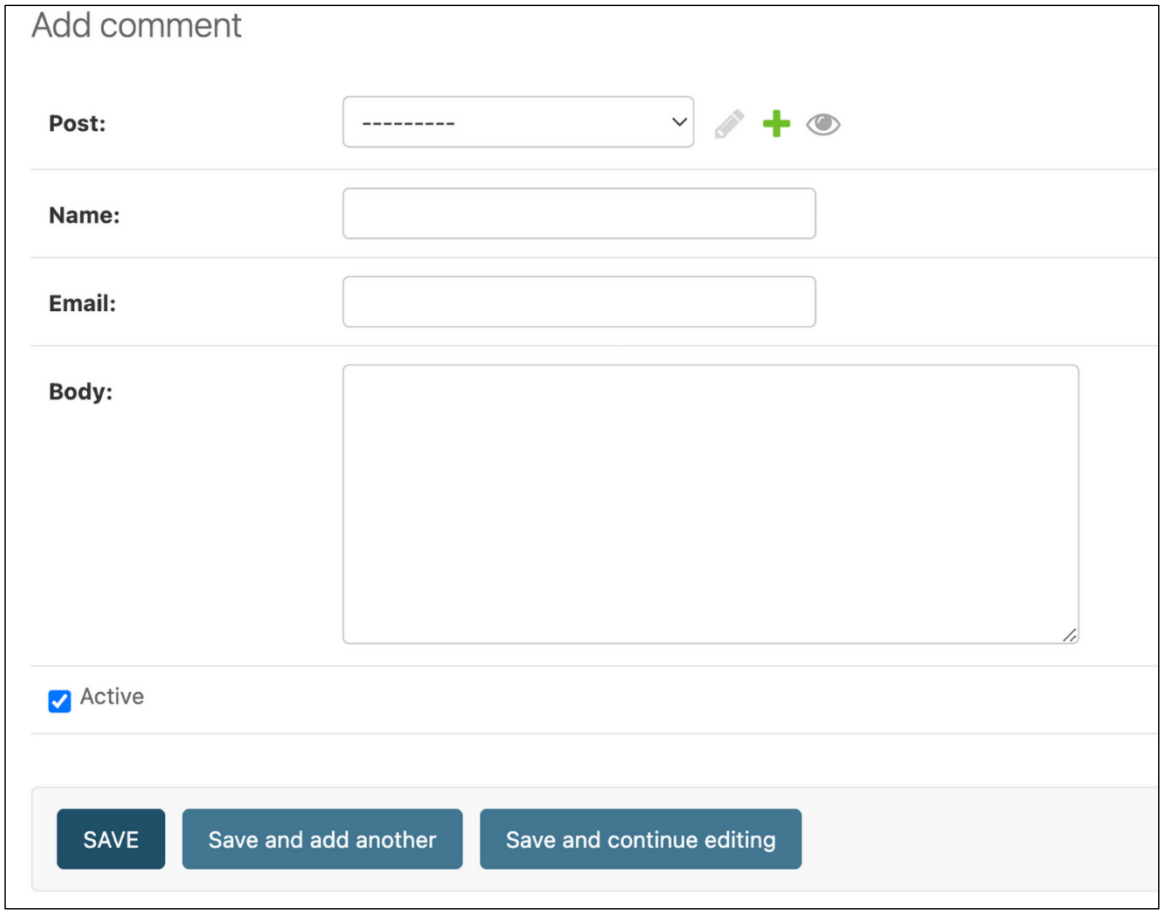
My blog

This is my blog.


Antonio (your_account@gmail.com) recommends you read Notes on Duke Ellington
Inbox ×
My Blog <your_account@gmail.com>
17:56 (2 minutes ago)
to me
Read Notes on Duke Ellington at http://127.0.0.1:8000/blog/2024/1/3/notes-on-duke-ellington/
Antonio's comments: I loved this article!


Share "Notes on Duke Ellington" by e-mail
My blog
This is my blog.
Name:
Antonio
Enter a valid email address.
Email:
Invalid
This field is required.
To:
Comments:
SEND E-MAIL


BLOG
Comments
Add
Change
Posts
Add
Change


Add comment
Post:

Name:
Email:
Body:
Active
SAVE
Save and add another
Save and continue editing

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Published Jan. 3, 2024, 1:19 p.m. by admin

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Share this post

0 comments

There are no comments yet.

Add a new comment

Name:

Email:

Body:

ADD COMMENT

My blog

This is my blog.

Your comment has been added.

Back to the post

My blog

This is my blog.

Notes on Duke Ellington

Published Jan. 3, 2024, 1:19 p.m. by admin

Edward Kennedy "Duke" Ellington was an American composer, pianist, and leader of a jazz orchestra, which he led from 1923 until his death over a career spanning more than half a century.

Share this post

1 comment

Comment 1 by Antonio Jan. 4, 2024, 4:07 p.m.

I didn't know that!

Add a new comment

Name:

Email:

Body:

ADD COMMENT

My blog

This is my blog.

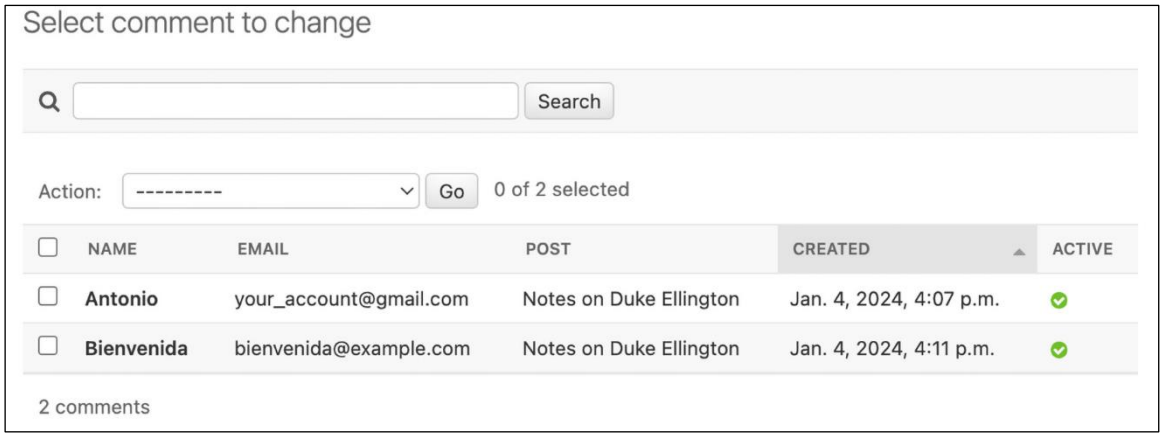
2 comments

Comment 1 by Antonio Jan. 4, 2024, 4:07 p.m.

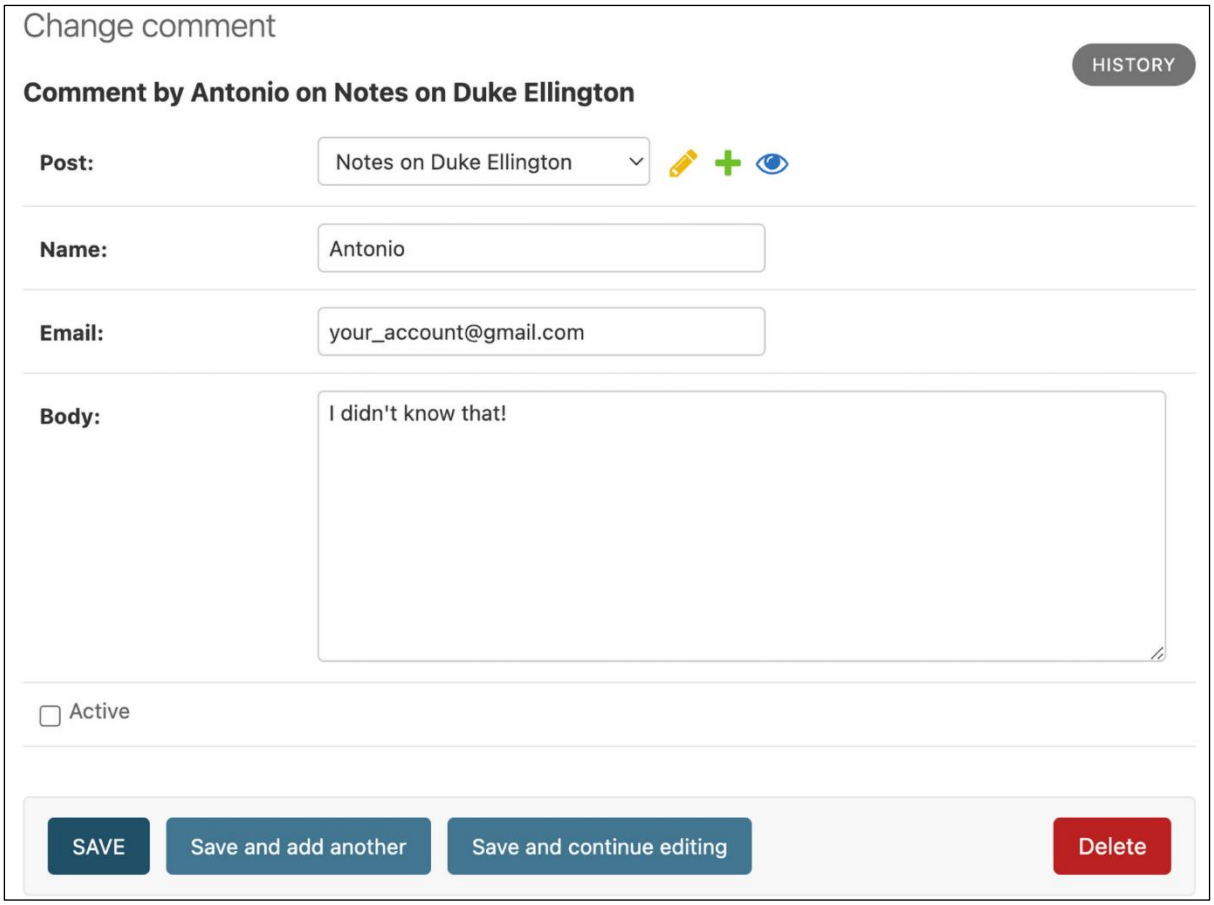
I didn't know that!

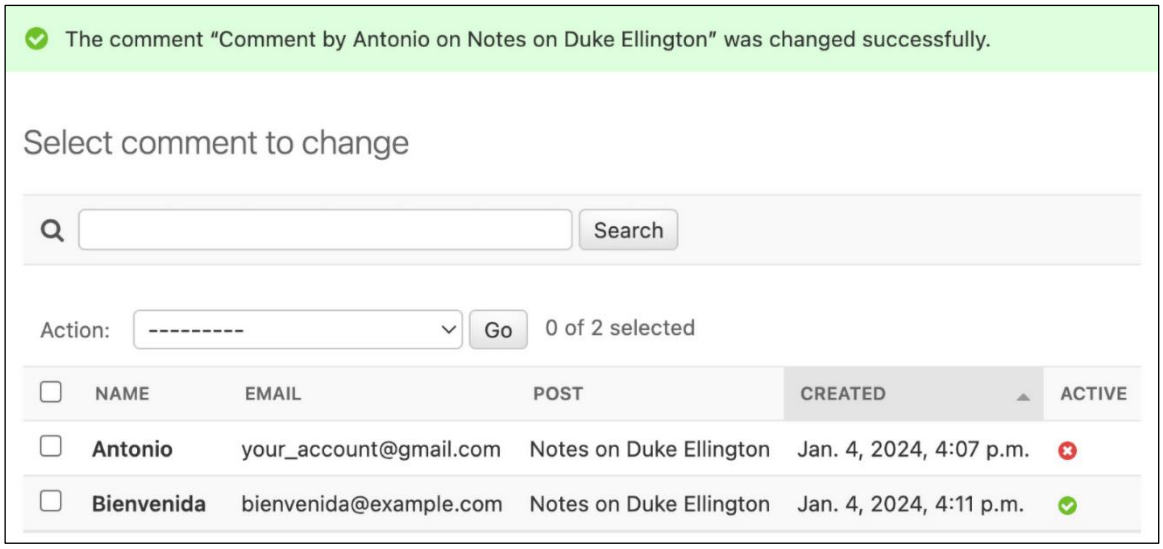
Comment 2 by Bienvenida Jan. 4, 2024, 4:11 p.m.

I really like this article.

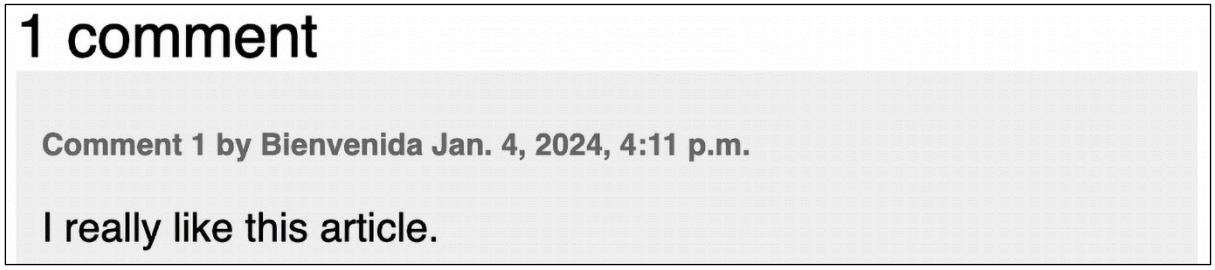

Select comment to change
Search
Action:

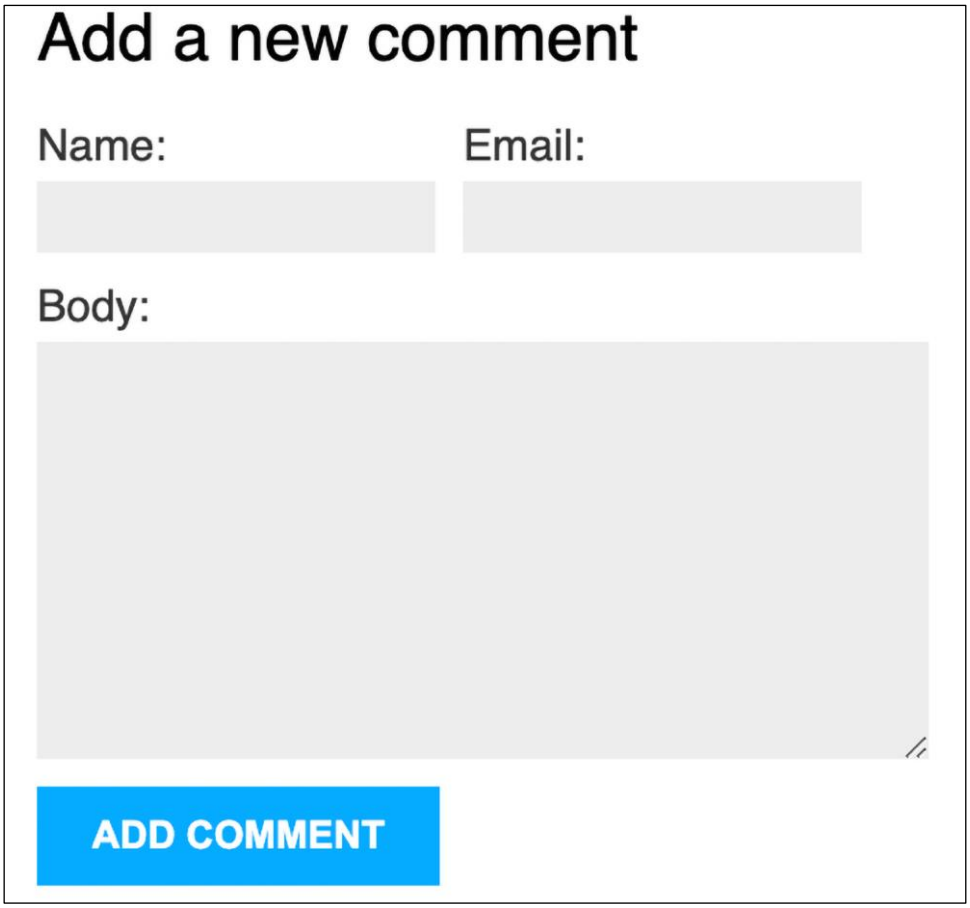
Go
0 of 2 selected
NAME
EMAIL
POST
CREATED
ACTIVE
Antonio
your_account@gmail.com
Notes on Duke Ellington
Jan. 4, 2024, 4:07 p.m.
Bienvenida
bienvenida@example.com
Notes on Duke Ellington
Jan. 4, 2024, 4:11 p.m.
2 comments


Change comment
HISTORY
Comment by Antonio on Notes on Duke Ellington
Post:
Notes on Duke Ellington
Name:
Antonio
Email:
your_account@gmail.com
Body:
I didn't know that!
Active
SAVE
Save and add another
Save and continue editing
Delete


The comment “Comment by Antonio on Notes on Duke Ellington” was changed successfully.
Select comment to change
Search
Action:

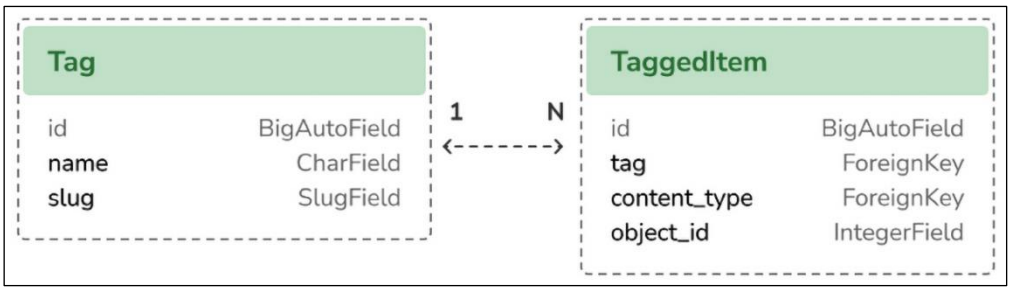
Go
0 of 2 selected
NAME
EMAIL
POST
CREATED
ACTIVE
Antonio
your_account@gmail.com
Notes on Duke Ellington
Jan. 4, 2024, 4:07 p.m.
Bienvenida
bienvenida@example.com
Notes on Duke Ellington
Jan. 4, 2024, 4:11 p.m.

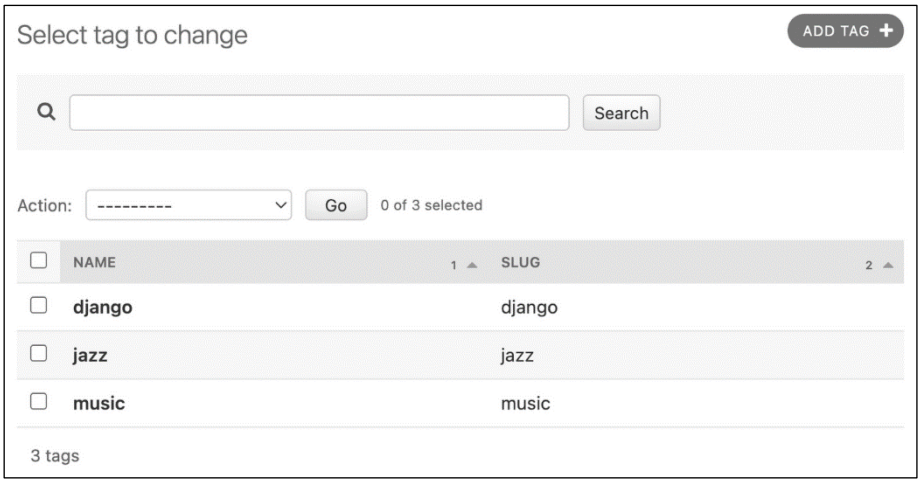

1 comment
Comment 1 by Bienvenida Jan. 4, 2024, 4:11 p.m.
I really like this article.

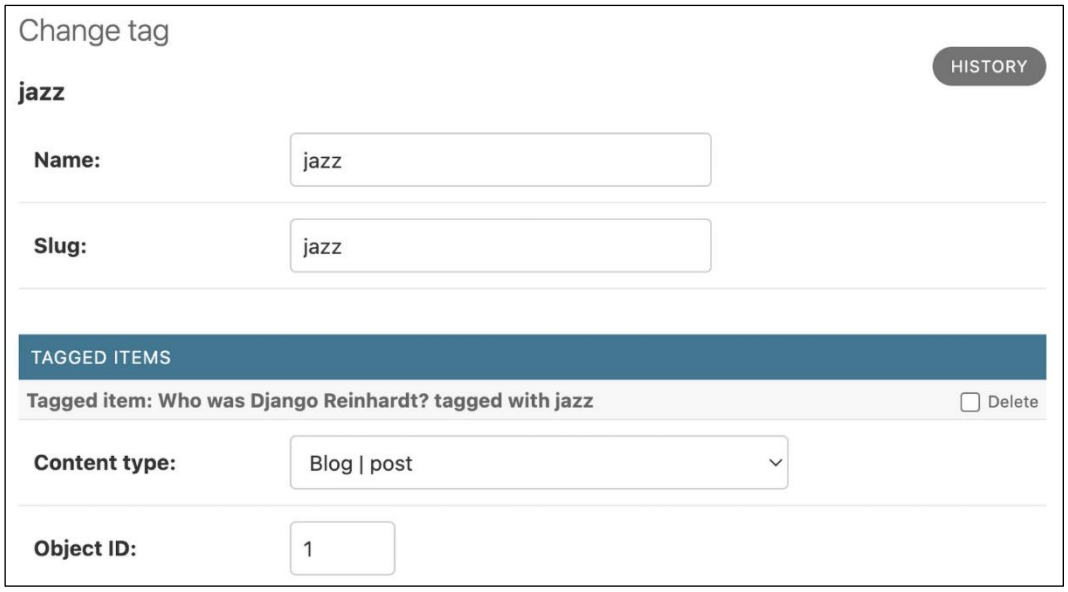

Add a new comment
Name:
Email:
Body:
ADD COMMENT

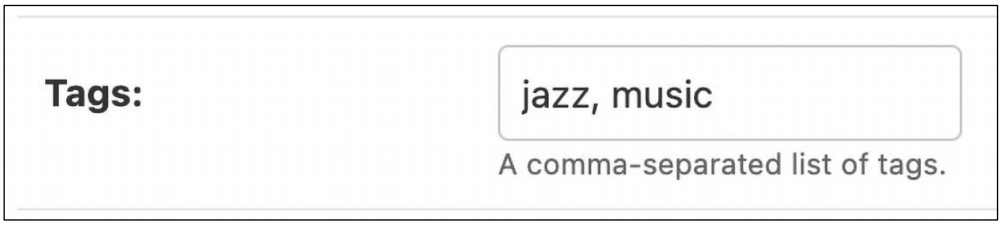
Chapter 3: Extending Your Blog Application











Who was Django Reinhardt?

Tags: music , jazz

Published Jan. 1, 2024, 11:59 p.m. by admin

Jean Reinhardt, known to all by his Romani nickname Django, was a Belgian-born Romani-French jazz guitarist and composer. He was one of the first major jazz talents to emerge from …

Posts tagged with "jazz"

Who was Django Reinhardt?

Tags: music , jazz

Published Jan. 1, 2024, 11:59 p.m. by admin

Jean Reinhardt, known to all by his Romani nickname Django, was a Belgian-born Romani-French jazz guitarist and composer. He was one of the first major jazz talents to emerge from …

Page 1 of 1.

Who was Django Reinhardt?

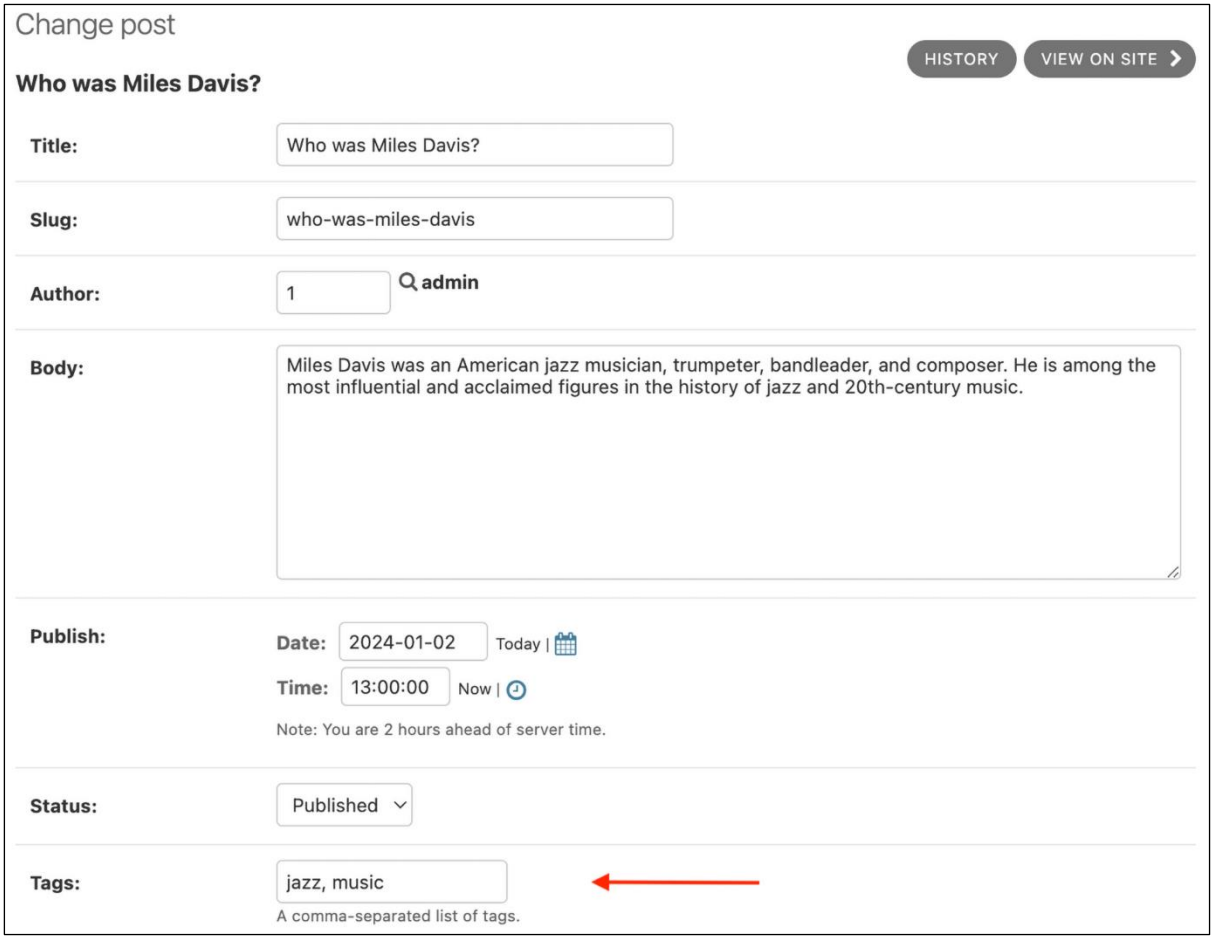
Published Jan. 1, 2024, 11:59 p.m. by admin

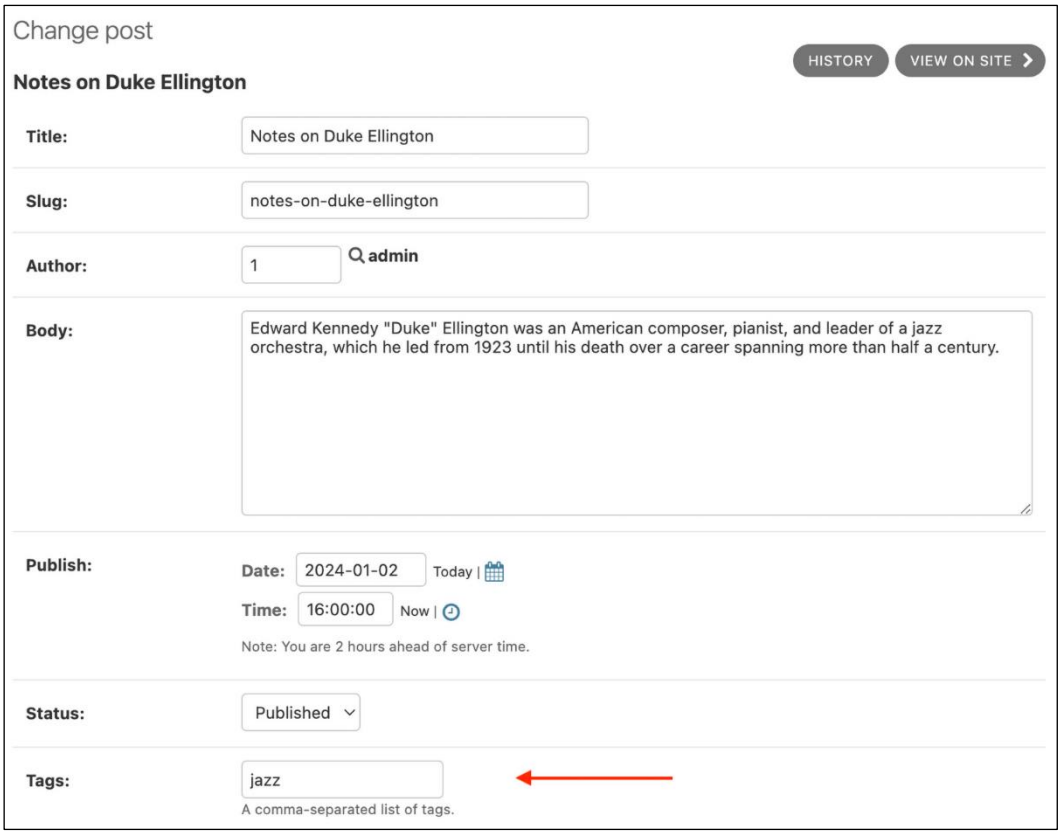
Jean Reinhardt, known to all by his Romani nickname Django, was a Belgian-born Romani-French jazz guitarist and composer. He was one of the first major jazz talents to emerge from Europe and remains the most significant.

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Who was Django Reinhardt?

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Similar posts

Who was Miles Davis?

Notes on Duke Ellington

My blog

This is my blog. I've written 4 posts so far.

TemplateSyntaxError at /blog/

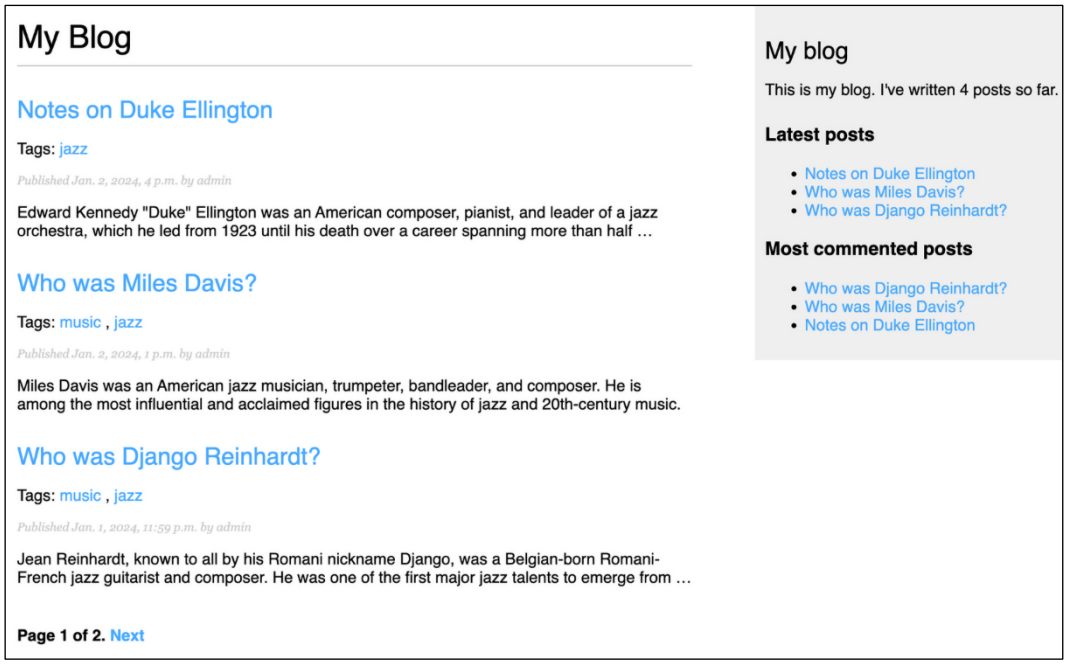
'blog_tags' is not a registered tag library. Must be one of:
admin_list
admin_modify
admin_urls
blog_tags
cache
i18n
l10n
log
static
tz

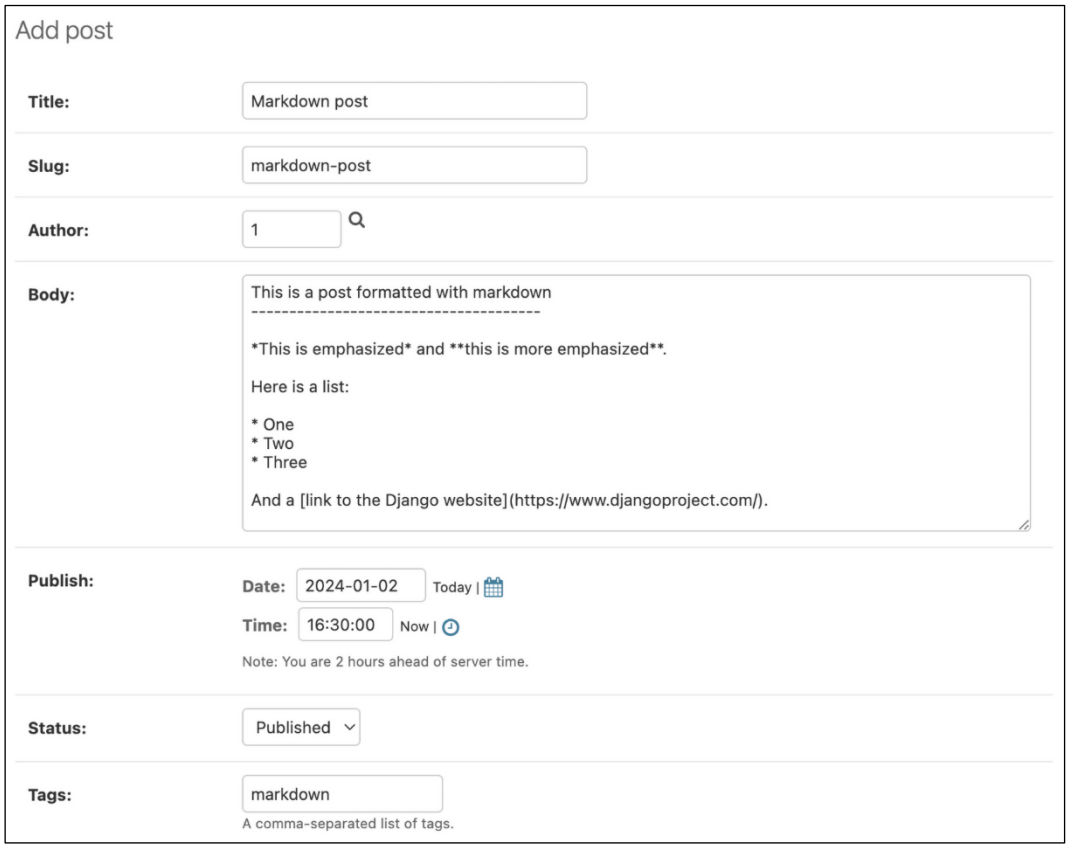
My blog

This is my blog. I've written 4 posts so far.

Latest posts

- Notes on Duke Ellington
- Who was Miles Davis?
- Who was Django Reinhardt?


My Blog
Notes on Duke Ellington
Tags: jazz
Published Jan. 2, 2024, 4 p.m. by admin
Edward Kennedy "Duke" Ellington was an American composer, pianist, and leader of a jazz orchestra, which he led from 1923 until his death over a career spanning more than half …
Who was Miles Davis?
Tags: music , jazz
Published Jan. 2, 2024, 1 p.m. by admin
Miles Davis was an American jazz musician, trumpeter, bandleader, and composer. He is among the most influential and acclaimed figures in the history of jazz and 20th-century music.
Who was Django Reinhardt?
Tags: music , jazz
Published Jan. 1, 2024, 11:59 p.m. by admin
Jean Reinhardt, known to all by his Romani nickname Django, was a Belgian-born Romani-French jazz guitarist and composer. He was one of the first major jazz talents to emerge from …
Page 1 of 2. Next
My blog
This is my blog. I've written 4 posts so far.
Latest posts
Notes on Duke Ellington
Who was Miles Davis?
Who was Django Reinhardt?
Most commented posts
Who was Django Reinhardt?
Who was Miles Davis?
Notes on Duke Ellington


Add post
Title:
Markdown post
Slug:
markdown-post
Author:
1
Body:
This is a post formatted with markdown

This is emphasized and **this is more emphasized**.
Here is a list:
* One
* Two
* Three
And a [link to the Django website](https://www.djangoproject.com/).
Publish:
Date:
2024-01-02
Today |
Time:
16:30:00
Now |
Note: You are 2 hours ahead of server time.
Status:
Published
Tags:
markdown
A comma-separated list of tags.

Markdown post

Tags: markdown

Published Jan. 2, 2024, 4:30 p.m. by admin

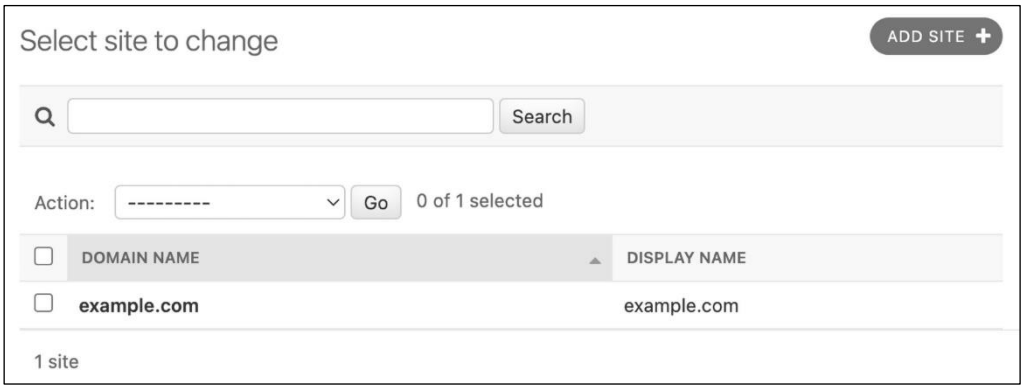
This is a post formatted with markdown

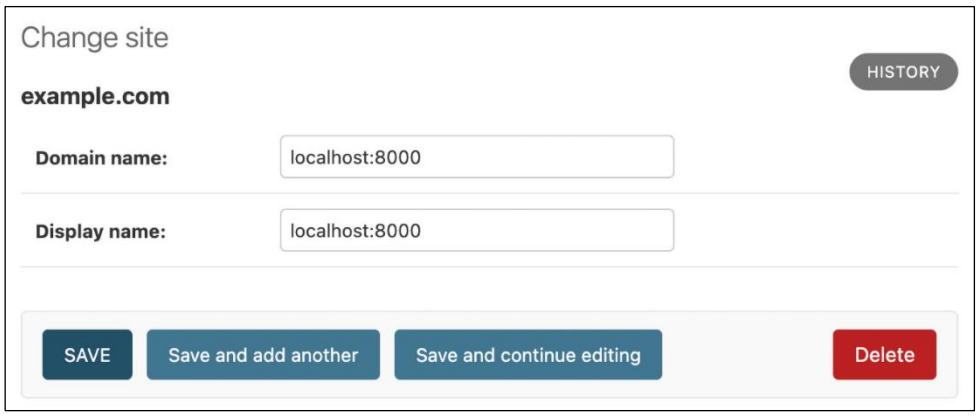
This is emphasized and **this is more emphasized**.

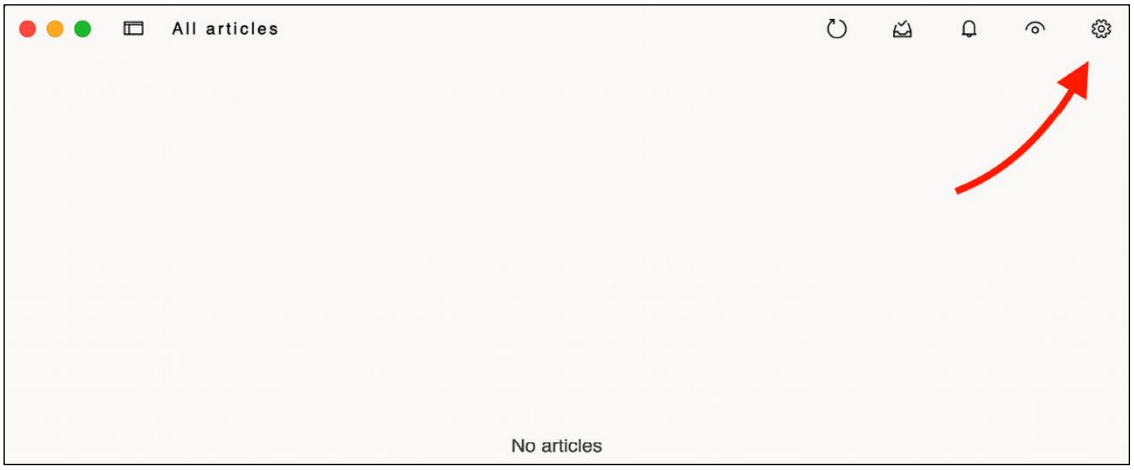
Here is a list:

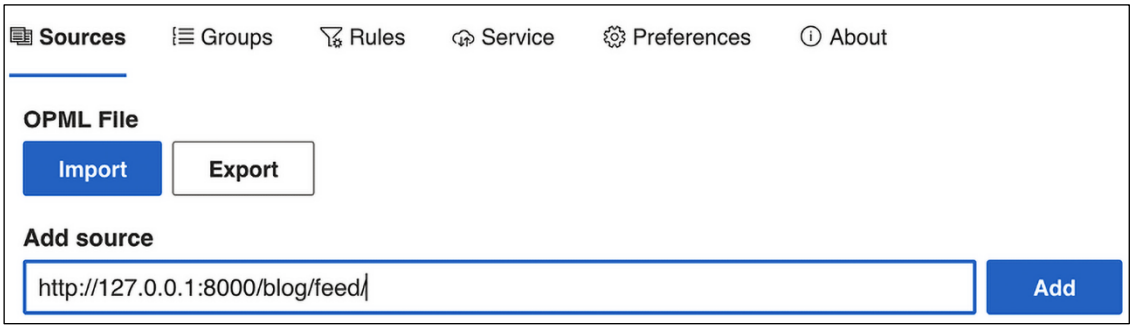
- One
- Two
- Three

And a link to the Django website …

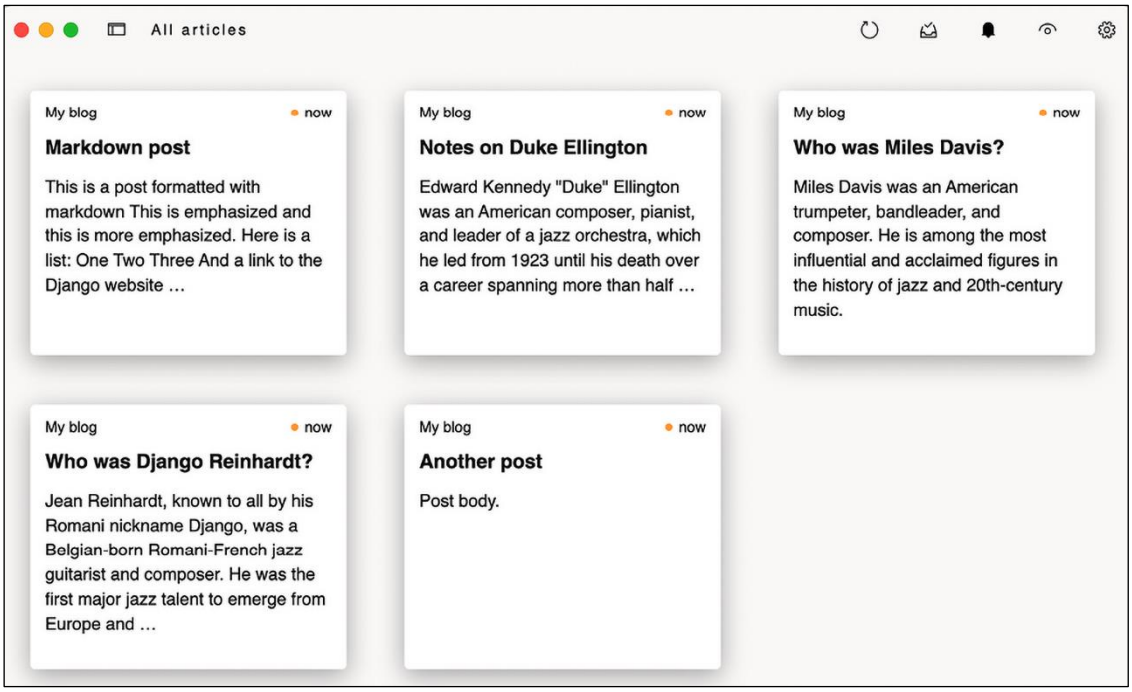


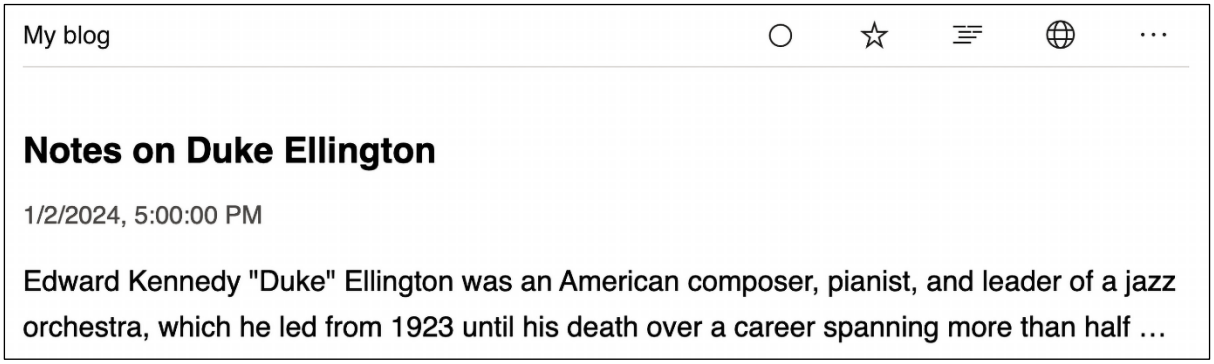


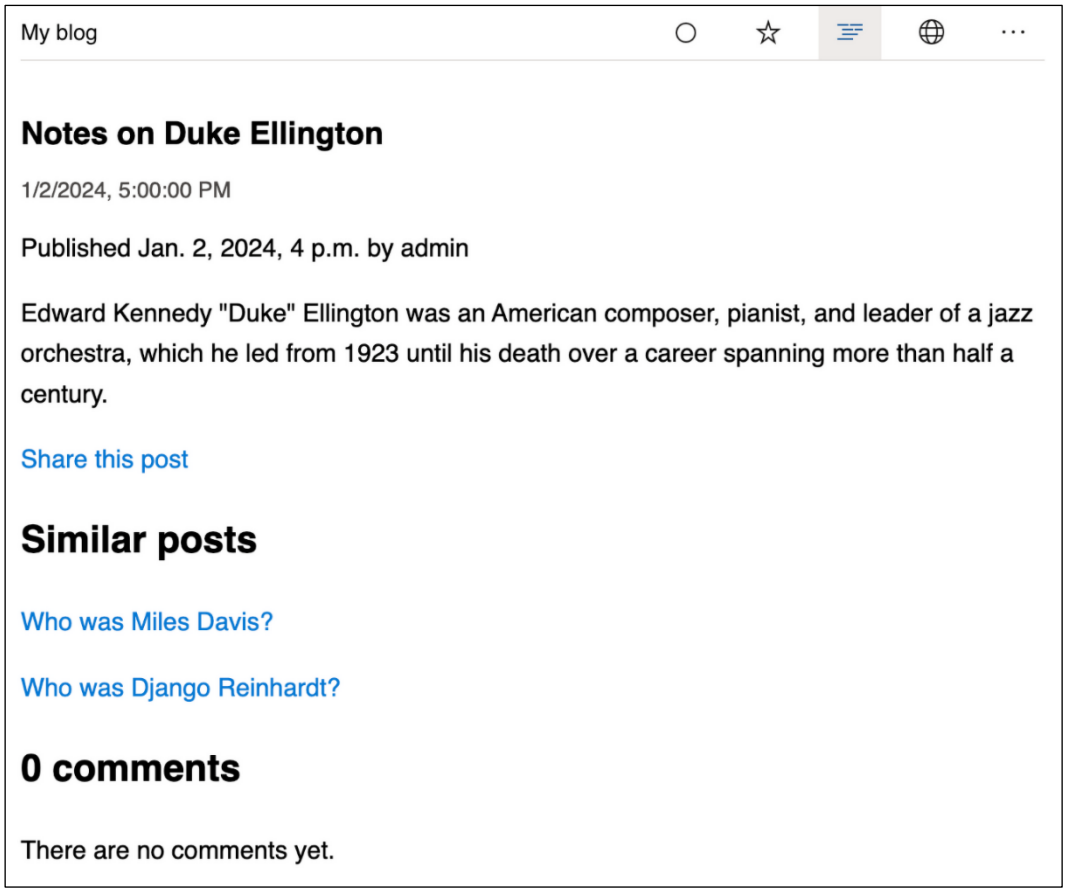

All articles
No articles


Sources
Groups
Rules
Service
Preferences
About
OPML File
Import
Export
Add source
http://127.0.0.1:8000/blog/feed/
Add


Sources
Groups
Rules
Service
Preferences
About
OPML File
Import
Export
Add source
http://127.0.0.1:8000/blog/feed/
Add
Name
URL
My blog
http://127.0.0.1:8000/blog/feed/


All articles
My blog
now
Markdown post
This is a post formatted with markdown This is emphasized and this is more emphasized. Here is a list: One Two Three And a link to the Django website …
My blog
now
Notes on Duke Ellington
Edward Kennedy "Duke" Ellington was an American composer, pianist, and leader of a jazz orchestra, which he led from 1923 until his death over a career spanning more than half …
My blog
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Who was Miles Davis?
Miles Davis was an American trumpeter, bandleader, and composer. He is among the most influential and acclaimed figures in the history of jazz and 20th-century music.
My blog
now
Who was Django Reinhardt?
Jean Reinhardt, known to all by his Romani nickname Django, was a Belgian-born Romani-French jazz guitarist and composer. He was the first major jazz talent to emerge from Europe and …
My blog
now
Another post
Post body.


My blog
Notes on Duke Ellington
1/2/2024, 5:00:00 PM
Edward Kennedy "Duke" Ellington was an American composer, pianist, and leader of a jazz orchestra, which he led from 1923 until his death over a career spanning more than half …


My blog
Notes on Duke Ellington
1/2/2024, 5:00:00 PM
Published Jan. 2, 2024, 4 p.m. by admin
Edward Kennedy "Duke" Ellington was an American composer, pianist, and leader of a jazz orchestra, which he led from 1923 until his death over a career spanning more than half a century.
Share this post
Similar posts
Who was Miles Davis?
Who was Django Reinhardt?
0 comments
There are no comments yet.

My blog

This is my blog. I've written 5 posts so far.

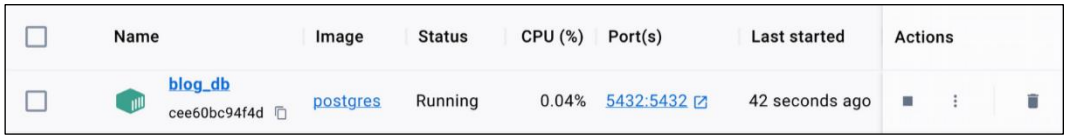
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Latest posts

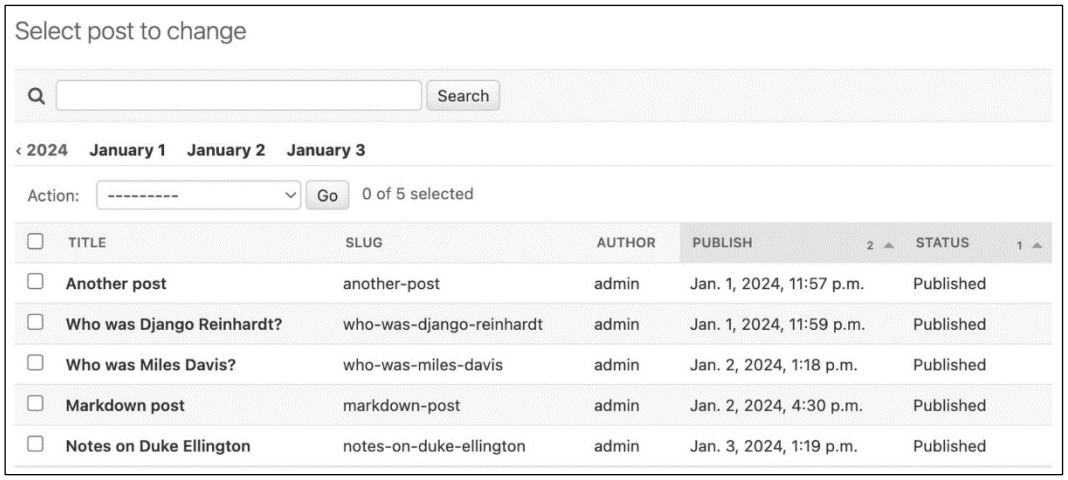
- Markdown post
- Notes on Duke Ellington
- Who was Miles Davis?

Most commented posts

- Who was Django Reinhardt?
- Who was Miles Davis?
- Notes on Duke Ellington
- Markdown post



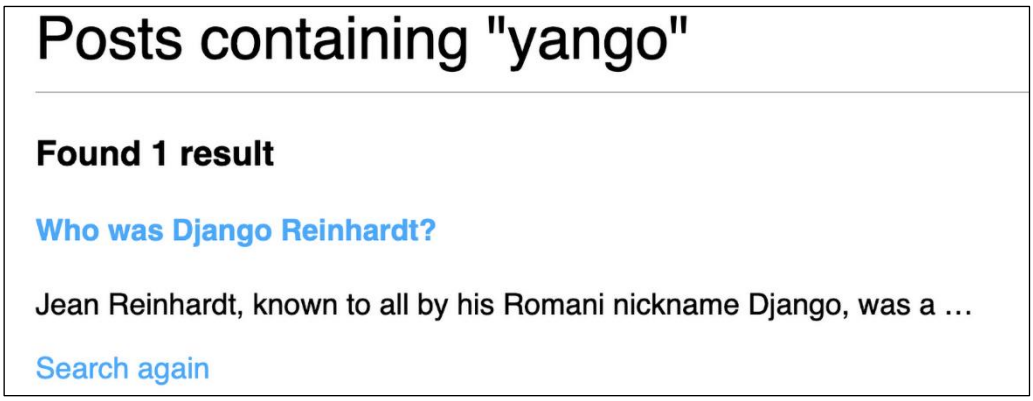
	Name	Image	Status	CPU (%)	Port(s)	Last started	Actions
☐	blog_db cee60bc94f4d	postgres	Running	0.04%	5432:5432	42 seconds ago	■ ⋮ 🗑


Select post to change
Search
‹ 2024 January 1 January 2 January 3
Action: --------- Go 0 of 5 selected
TITLE SLUG AUTHOR PUBLISH STATUS
Another post another-post admin Jan. 1, 2024, 11:57 p.m. Published
Who was Django Reinhardt? who-was-django-reinhardt admin Jan. 1, 2024, 11:59 p.m. Published
Who was Miles Davis? who-was-miles-davis admin Jan. 2, 2024, 1:18 p.m. Published
Markdown post markdown-post admin Jan. 2, 2024, 4:30 p.m. Published
Notes on Duke Ellington notes-on-duke-ellington admin Jan. 3, 2024, 1:19 p.m. Published

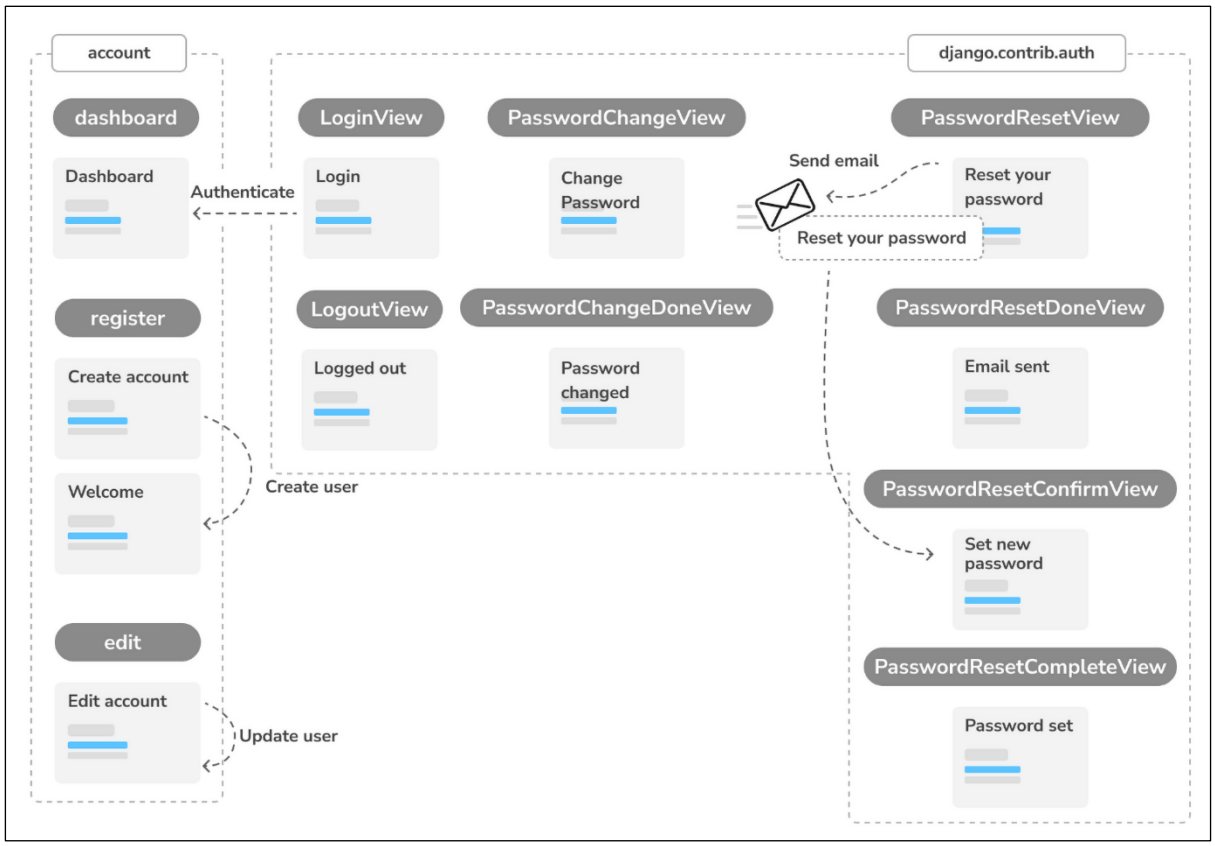

Search for posts
Query:
SEARCH

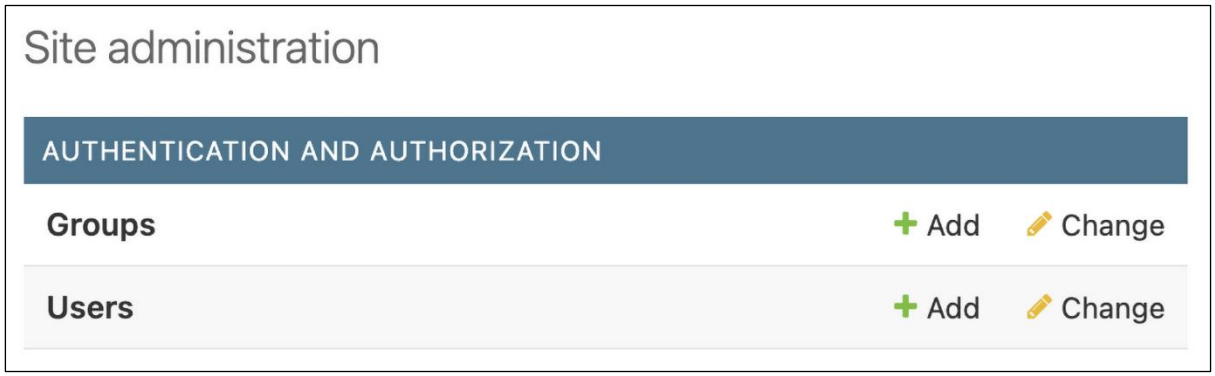

Posts containing "jazz"
Found 3 results
Notes on Duke Ellington
Edward Kennedy "Duke" Ellington was an American composer, pianist, and leader of …
Who was Miles Davis?
Miles Davis was an American trumpeter, bandleader, and composer. He is among …
Who was Django Reinhardt?
Jean Reinhardt, known to all by his Romani nickname Django, was a …
Search again

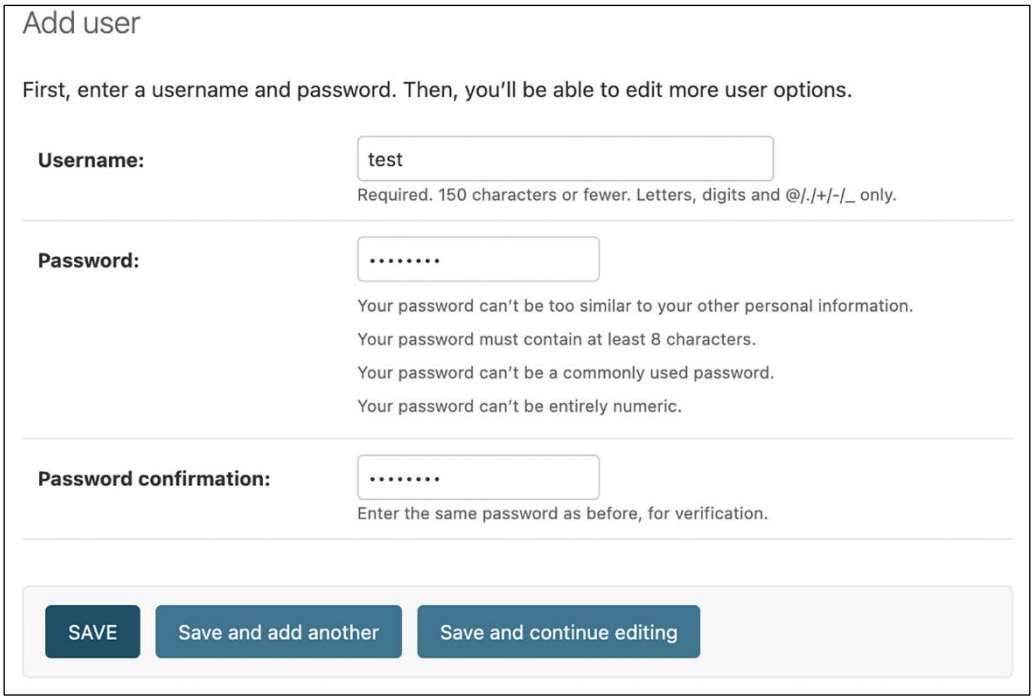

Posts containing "django"
Found 2 results
Who was Django Reinhardt?
Jean Reinhardt, known to all by his Romani nickname Django, was a …
Markdown post
This is a post formatted with markdown
This is emphasized and this ...
Search again

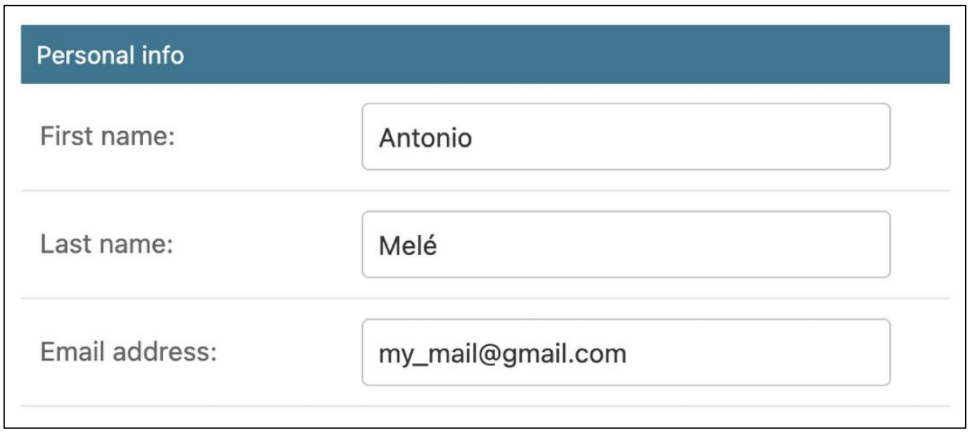

Posts containing "yango"
Found 1 result
Who was Django Reinhardt?
Jean Reinhardt, known to all by his Romani nickname Django, was a …
Search again

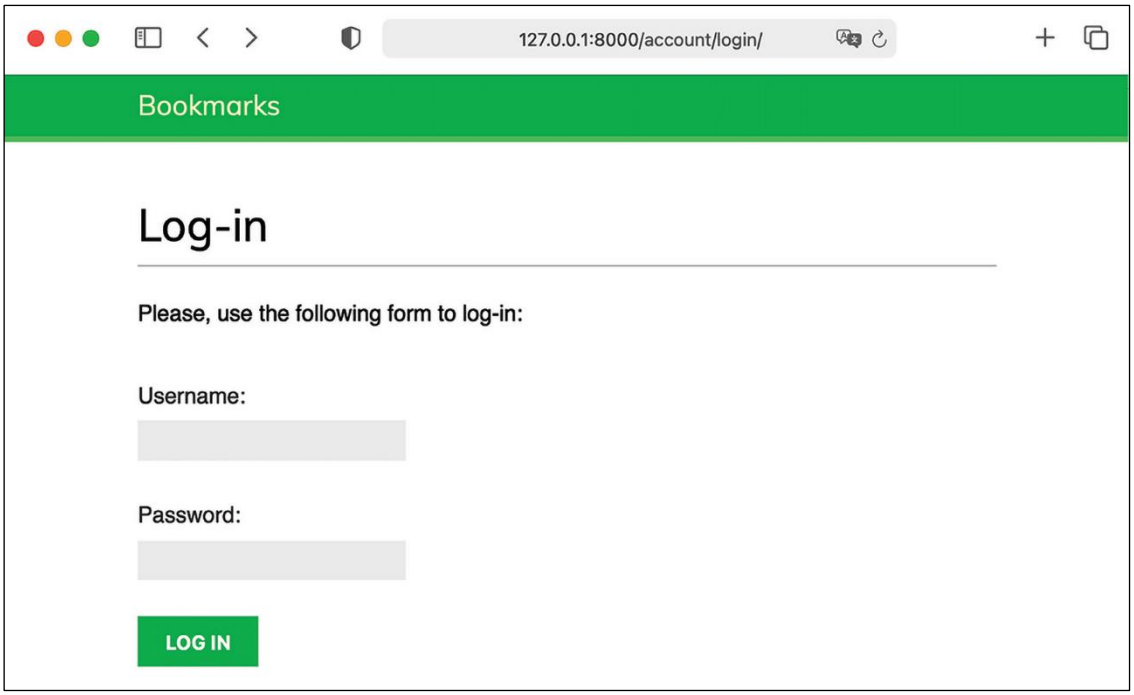
Chapter 4: Building a Social Website

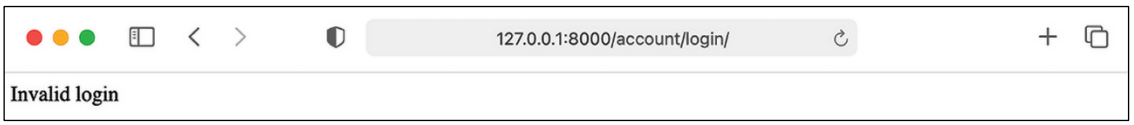


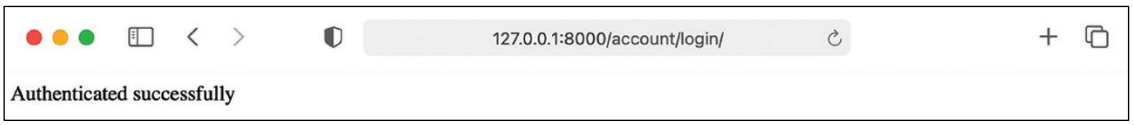


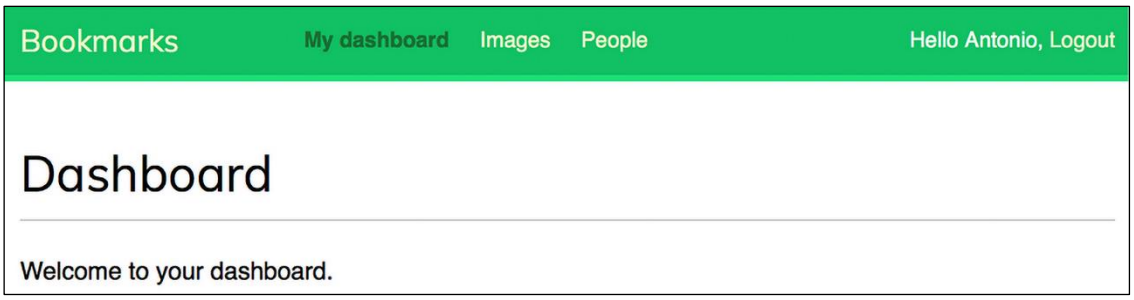

Add user
First, enter a username and password. Then, you'll be able to edit more user options.
Username:
test
Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.
Password:
Your password can't be too similar to your other personal information.
Your password must contain at least 8 characters.
Your password can't be a commonly used password.
Your password can't be entirely numeric.
Password confirmation:
Enter the same password as before, for verification.
SAVE
Save and add another
Save and continue editing

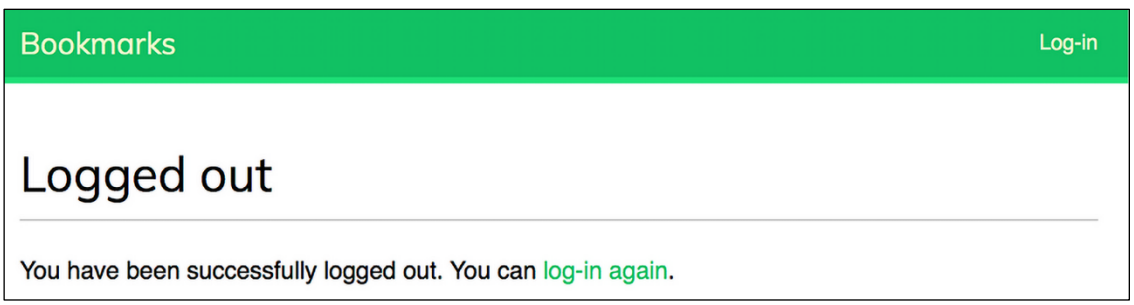

Personal info
First name:
Antonio
Last name:
Melé
Email address:
my_mail@gmail.com

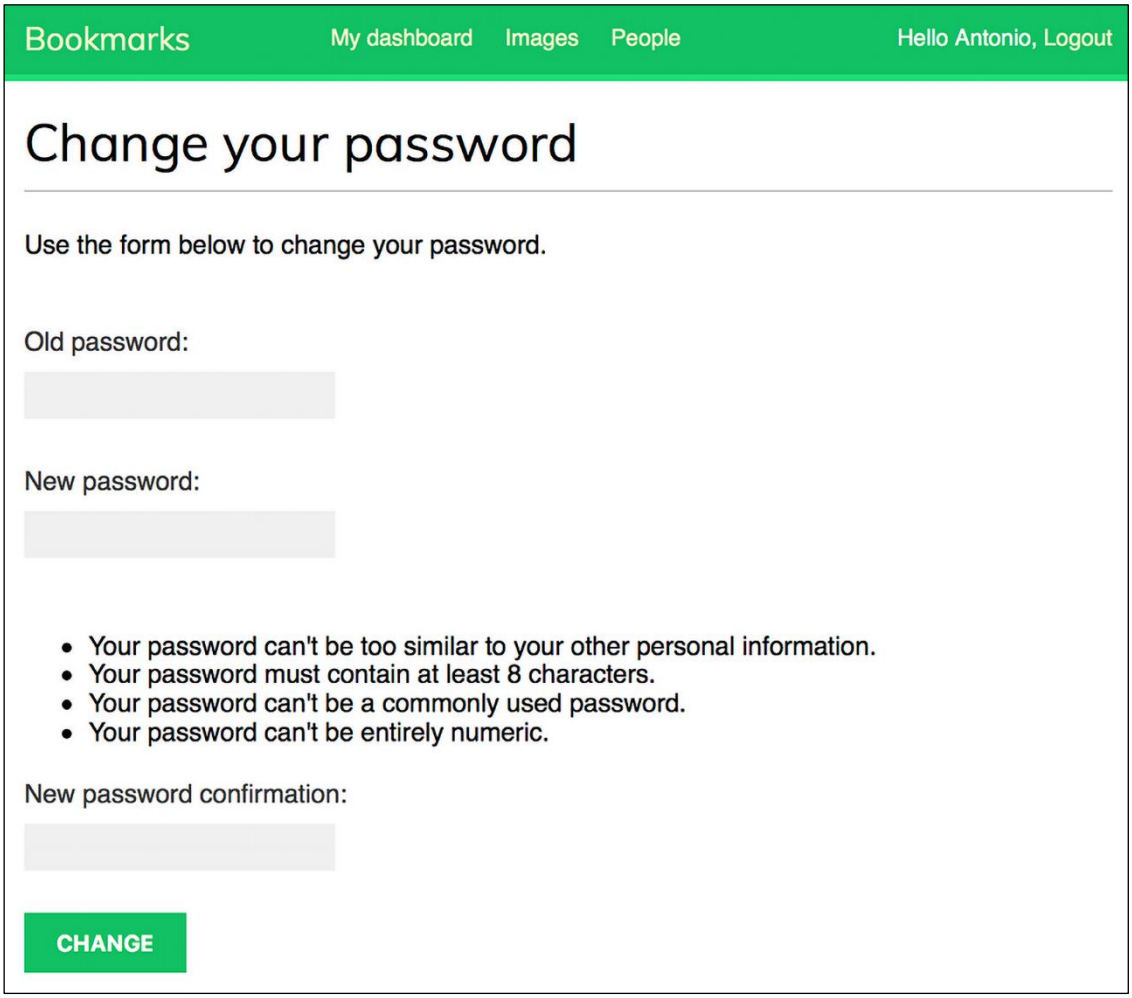

127.0.0.1:8000/account/login/
Bookmarks
Log-in
Please, use the following form to log-in:
Username:
Password:
LOG IN

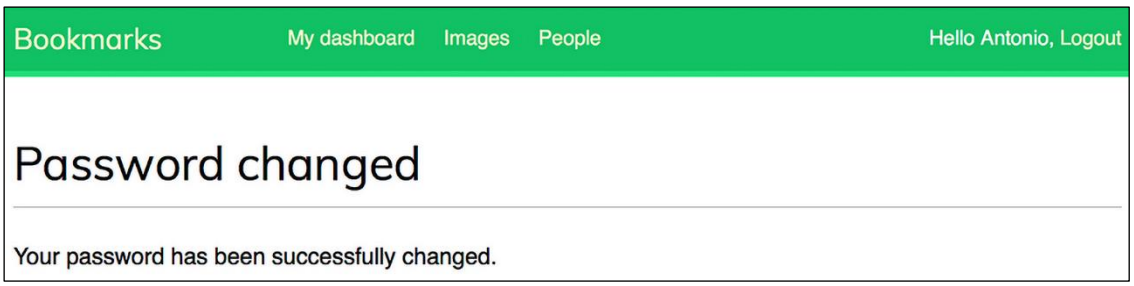

127.0.0.1:8000/account/login/
Invalid login

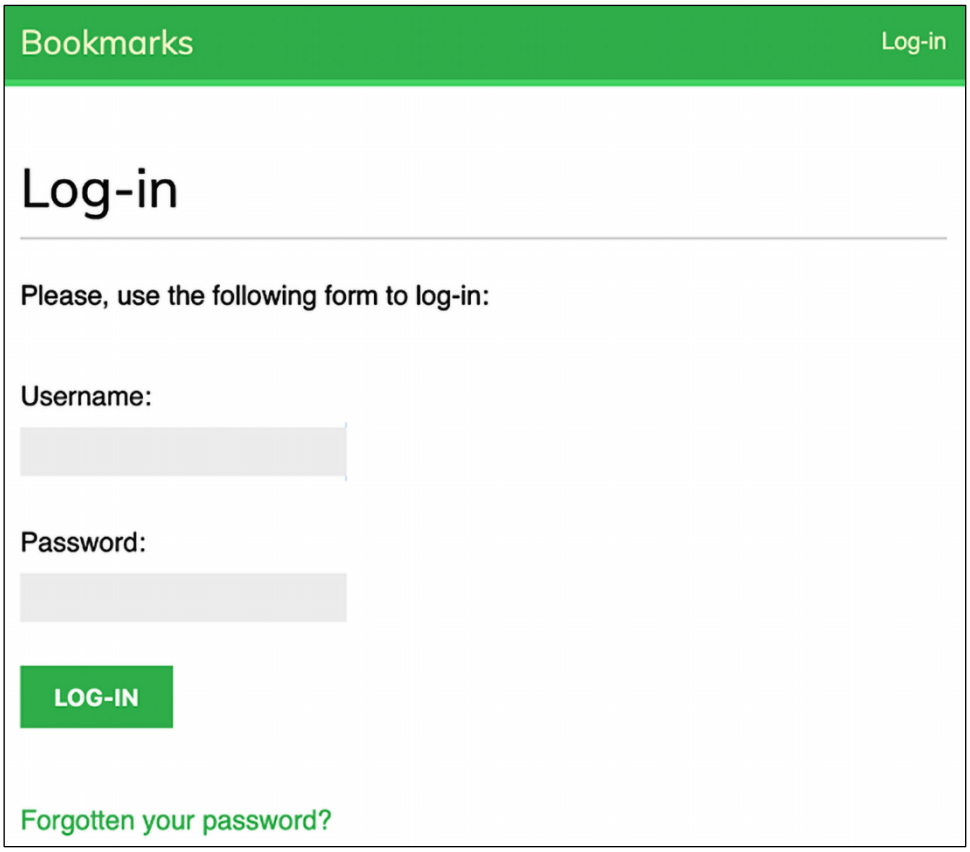

127.0.0.1:8000/account/login/
Authenticated successfully

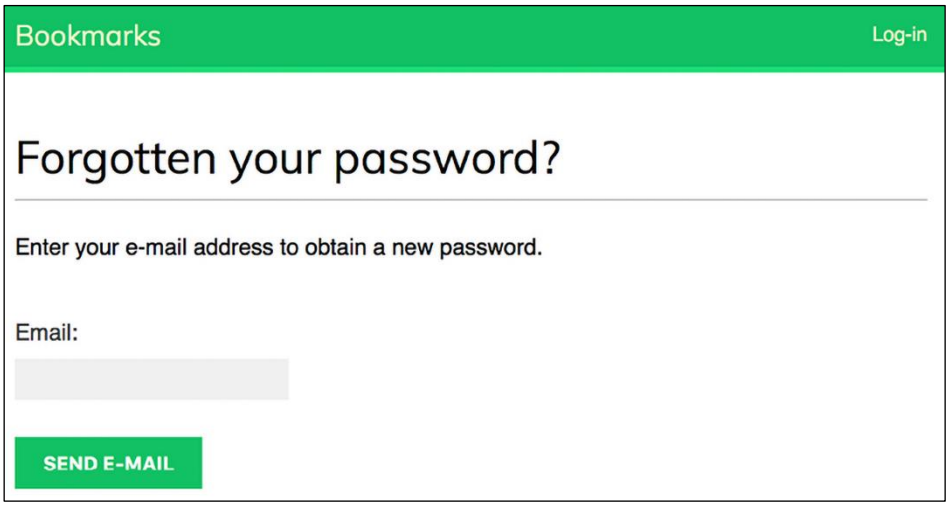

Bookmarks
My dashboard
Images
People
Hello Antonio, Logout
Dashboard
Welcome to your dashboard.

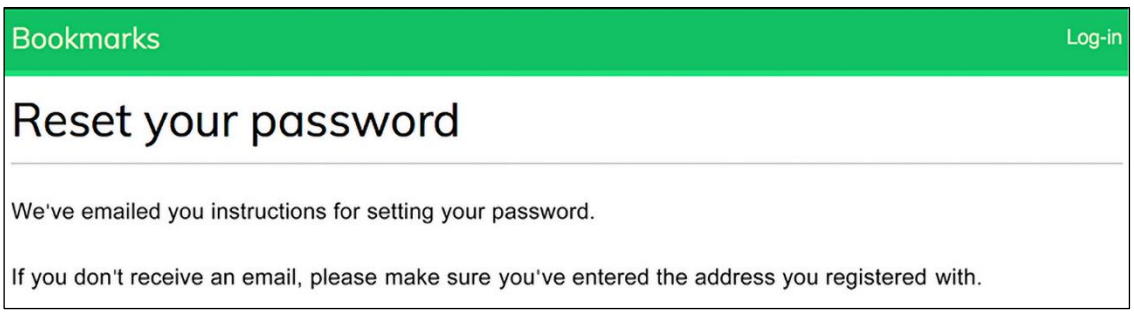

Bookmarks
Log-in
Logged out
You have been successfully logged out. You can log-in again.

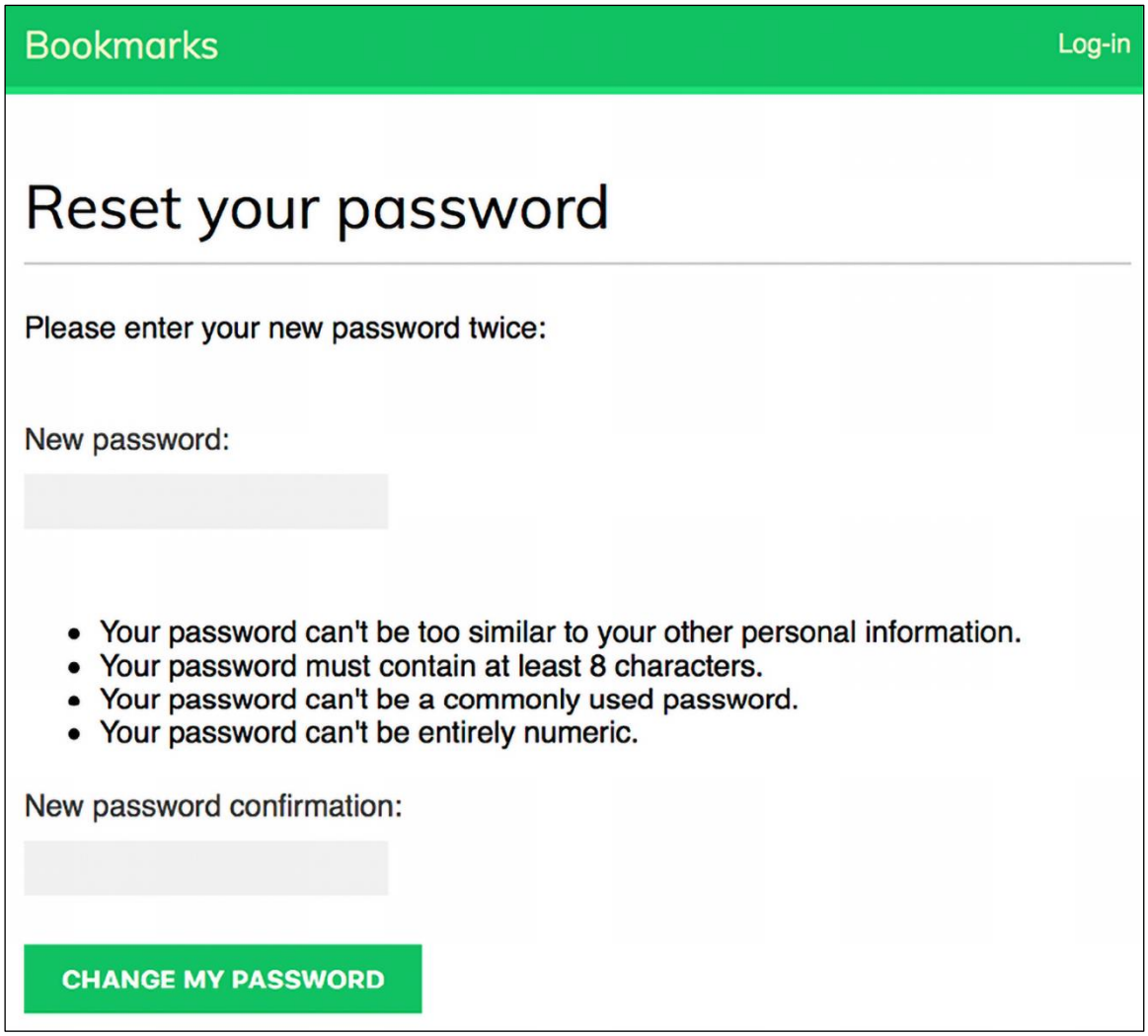

Bookmarks
My dashboard
Images
People
Hello Antonio, Logout
Change your password
Use the form below to change your password.
Old password:
New password:
Your password can't be too similar to your other personal information.
Your password must contain at least 8 characters.
Your password can't be a commonly used password.
Your password can't be entirely numeric.
New password confirmation:
CHANGE

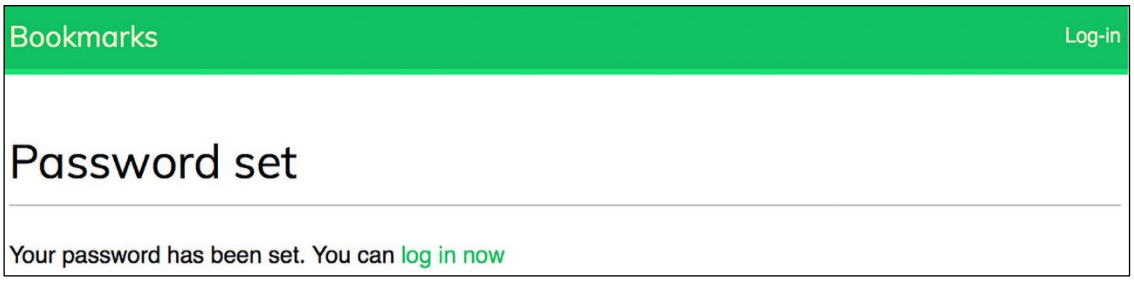

Bookmarks
My dashboard
Images
People
Hello Antonio, Logout
Password changed
Your password has been successfully changed.

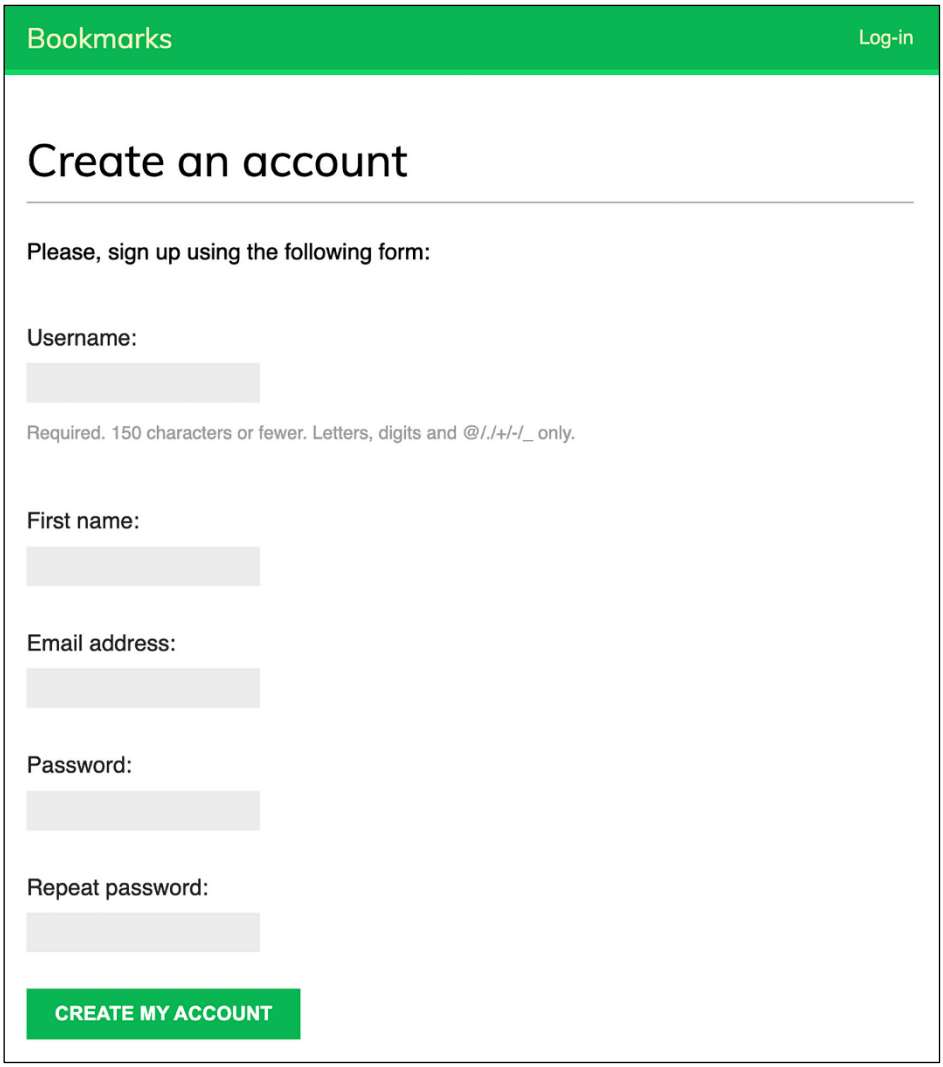

Bookmarks
Log-in
Log-in
Please, use the following form to log-in:
Username:
Password:
LOG-IN
Forgotten your password?


Bookmarks
Log-in
Forgotten your password?
Enter your e-mail address to obtain a new password.
Email:
SEND E-MAIL

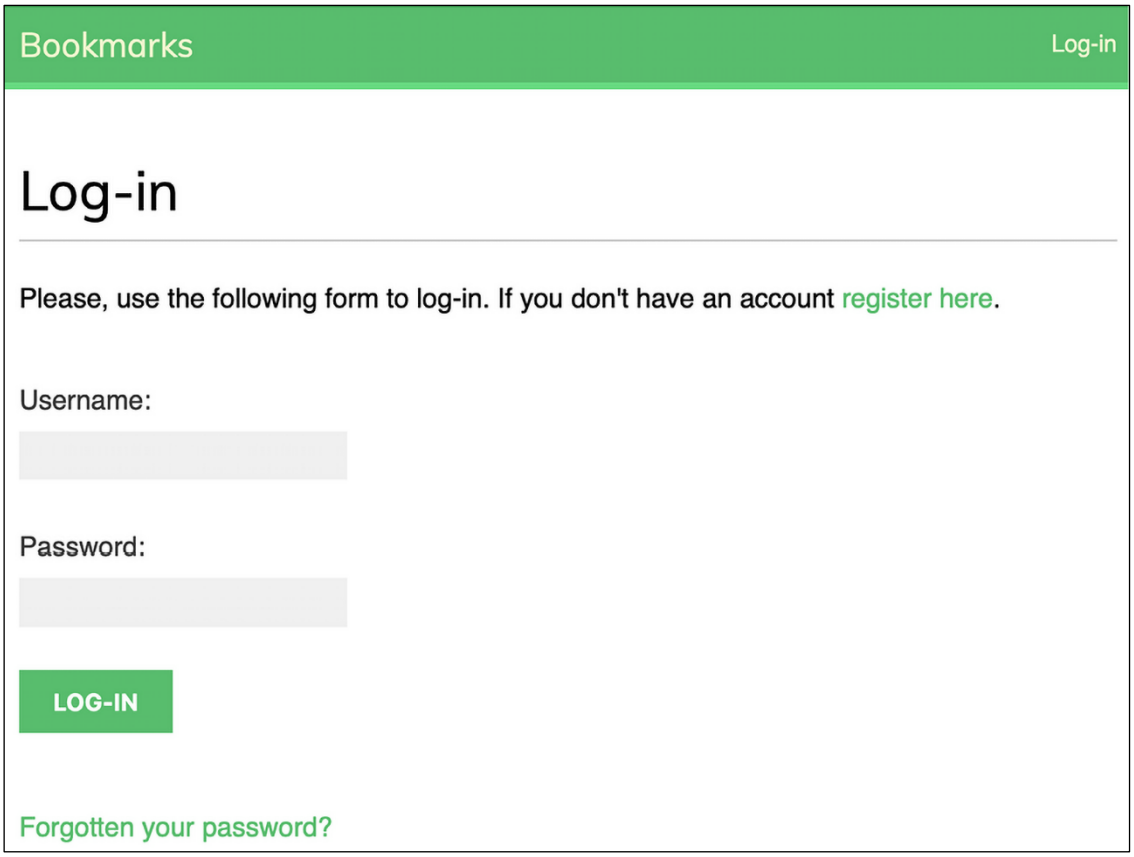

Bookmarks
Log-in
Reset your password
We've emailed you instructions for setting your password.
If you don't receive an email, please make sure you've entered the address you registered with.

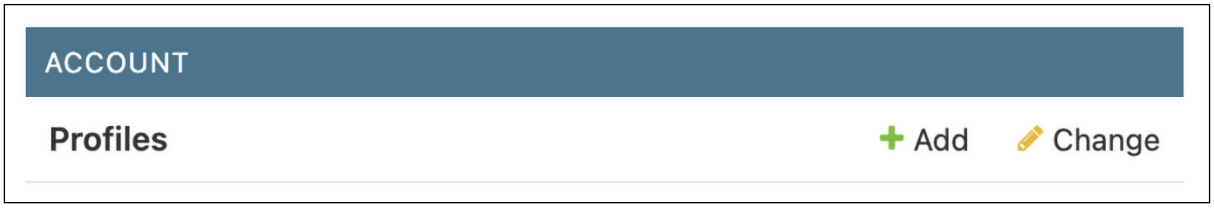

Bookmarks
Log-in
Reset your password
Please enter your new password twice:
New password:
Your password can't be too similar to your other personal information.
Your password must contain at least 8 characters.
Your password can't be a commonly used password.
Your password can't be entirely numeric.
New password confirmation:
CHANGE MY PASSWORD

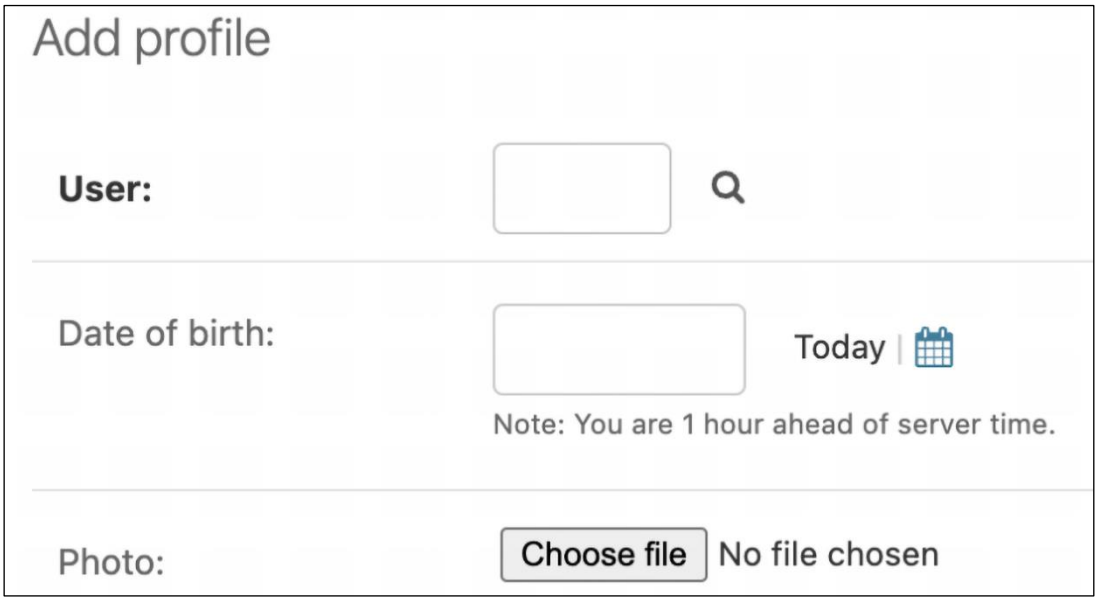

Bookmarks
Log-in
Password set
Your password has been set. You can log in now

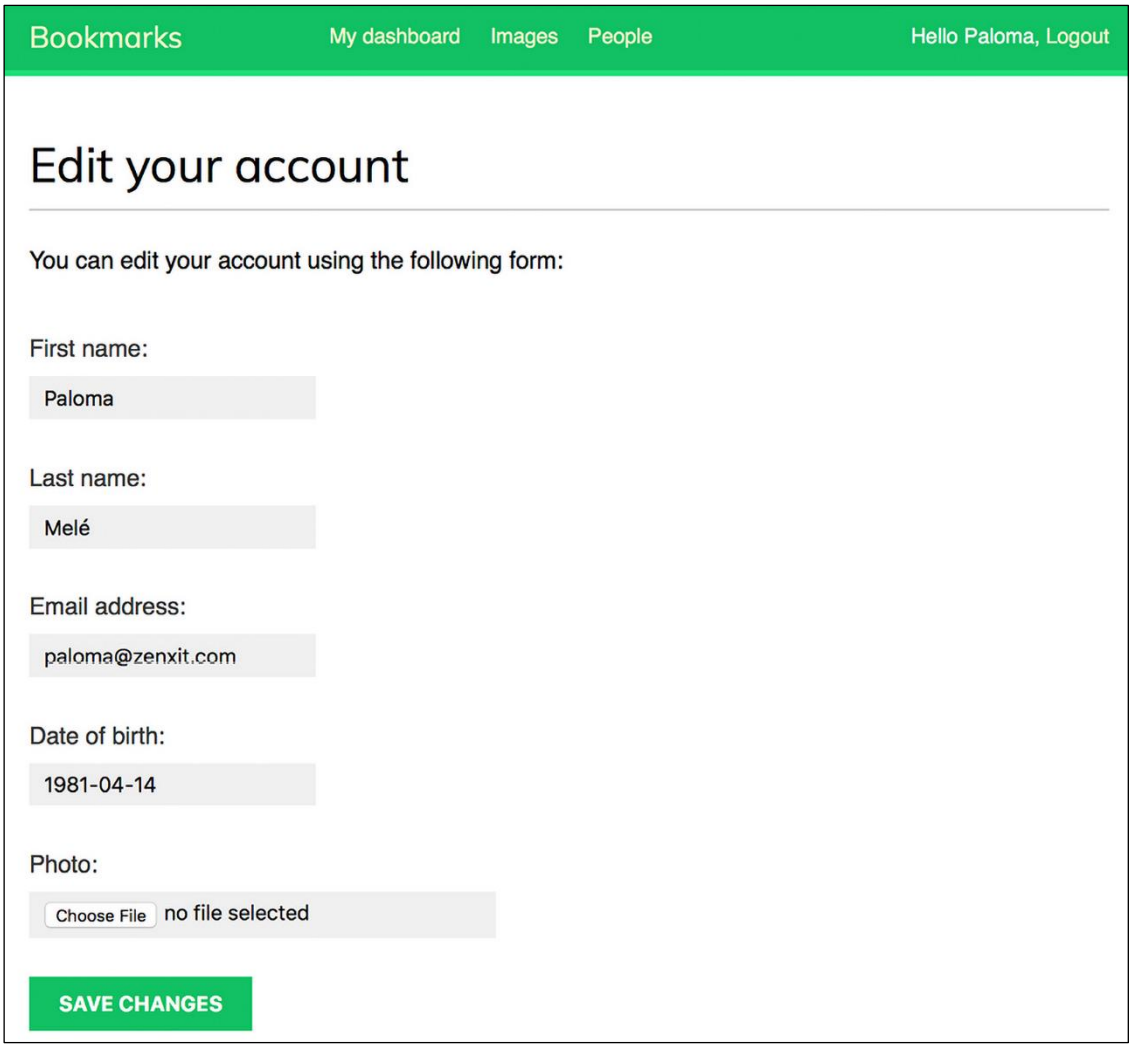

Bookmarks
Log-in
Create an account
Please, sign up using the following form:
Username:
Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.
First name:
Email address:
Password:
Repeat password:
CREATE MY ACCOUNT

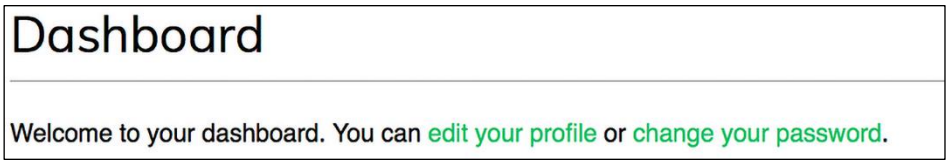

Bookmarks
Log-in
Welcome Paloma!
Your account has been successfully created. Now you can log in.


Bookmarks
Log-in
Log-in
Please, use the following form to log-in. If you don't have an account register here.
Username:
Password:
LOG-IN
Forgotten your password?

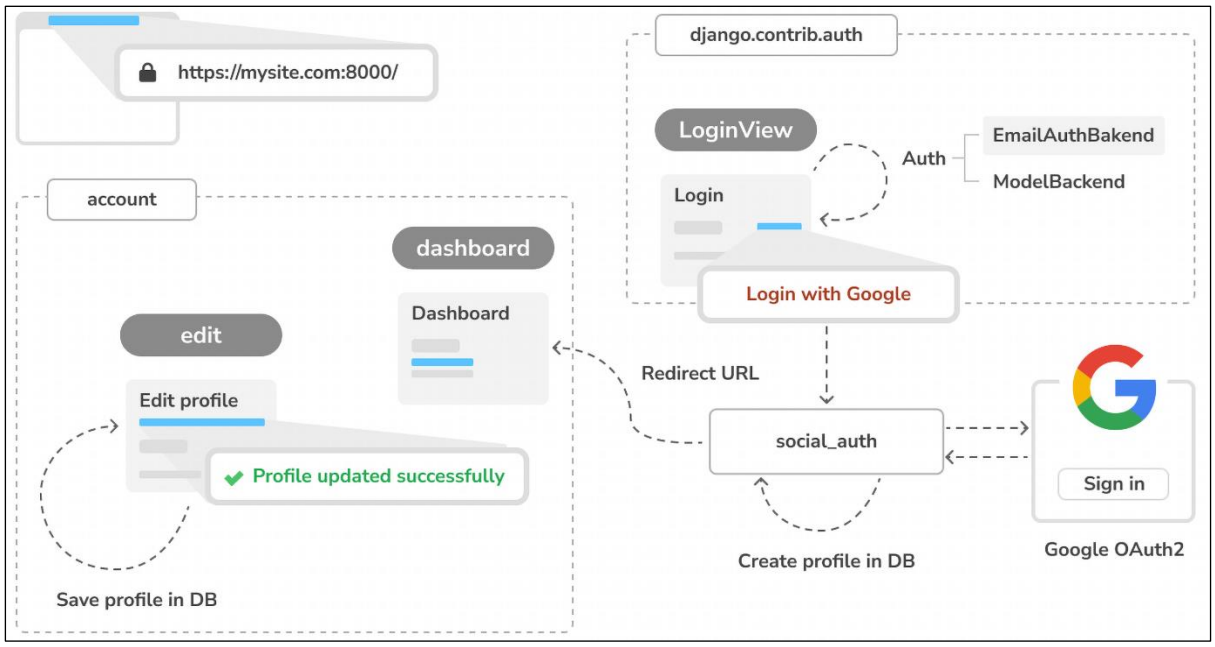

ACCOUNT
Profiles
Add
Change


Add profile
User:
Date of birth:
Today
Note: You are 1 hour ahead of server time.
Photo:
Choose file
No file chosen


Bookmarks
My dashboard
Images
People
Hello Paloma, Logout
Edit your account
You can edit your account using the following form:
First name:
Paloma
Last name:
Melé
Email address:
paloma@zenxit.com
Date of birth:
1981-04-14
Photo:
Choose File
no file selected
SAVE CHANGES

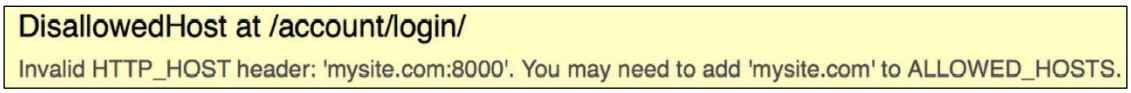

Dashboard
Welcome to your dashboard. You can edit your profile or change your password.

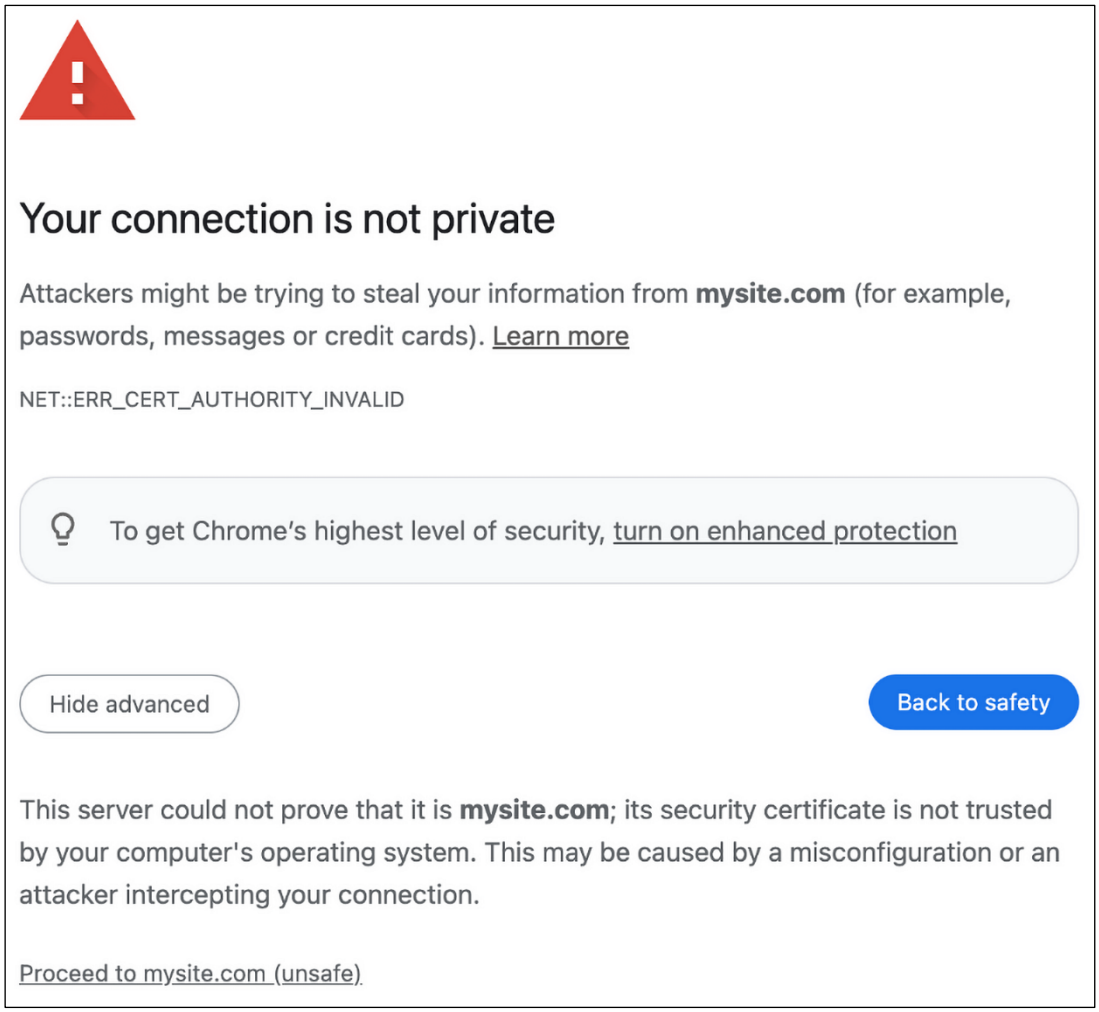
Chapter 5: Implementing Social Authentication

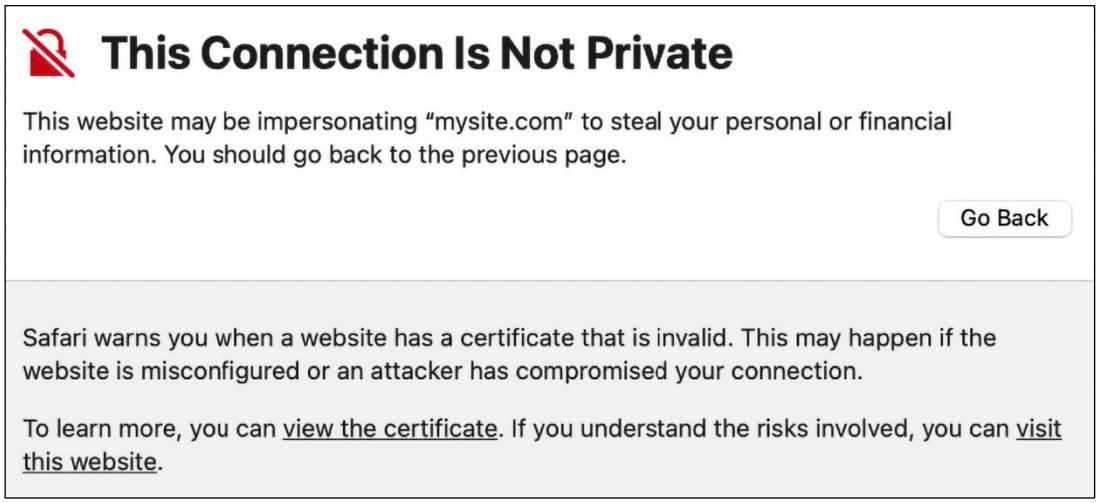


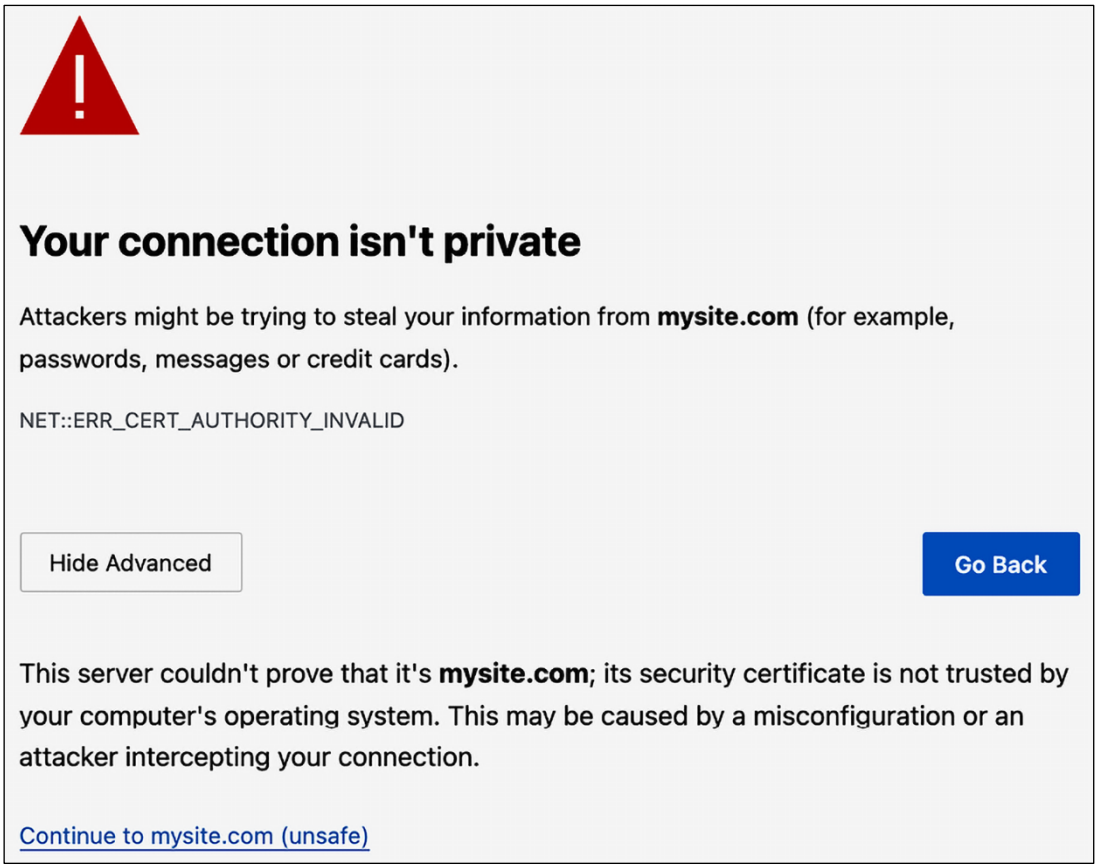




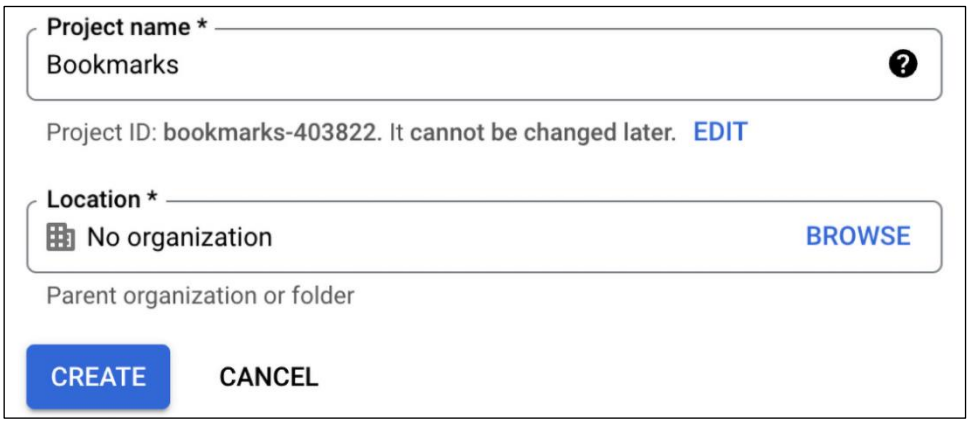



Your connection is not private
Attackers might be trying to steal your information from mysite.com (for example, passwords, messages or credit cards). Learn more
NET::ERR_CERT_AUTHORITY_INVALID
To get Chrome's highest level of security, turn on enhanced protection
Hide advanced
Back to safety
This server could not prove that it is mysite.com; its security certificate is not trusted by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.
Proceed to mysite.com (unsafe)

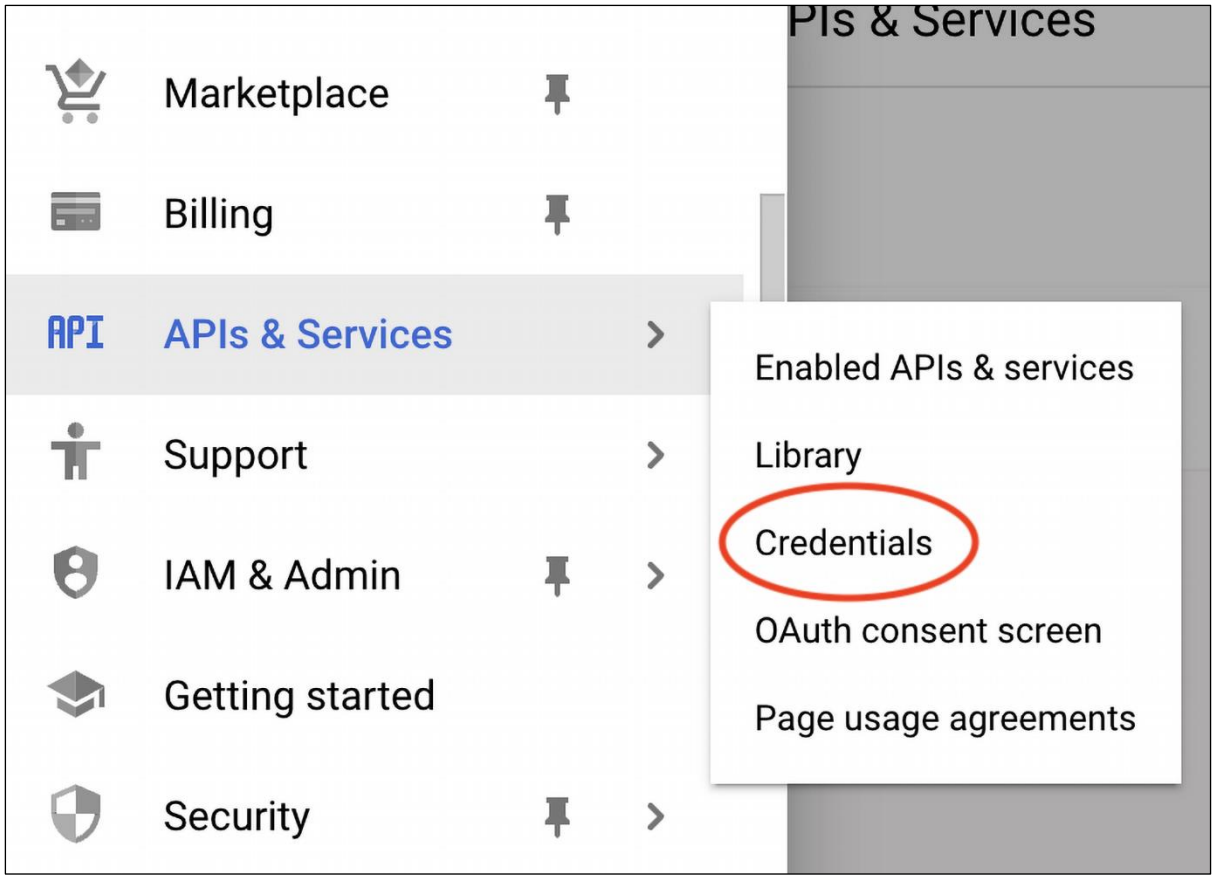

This Connection Is Not Private
This website may be impersonating "mysite.com" to steal your personal or financial information. You should go back to the previous page.
Go Back
Safari warns you when a website has a certificate that is invalid. This may happen if the website is misconfigured or an attacker has compromised your connection.
To learn more, you can view the certificate. If you understand the risks involved, you can visit this website.

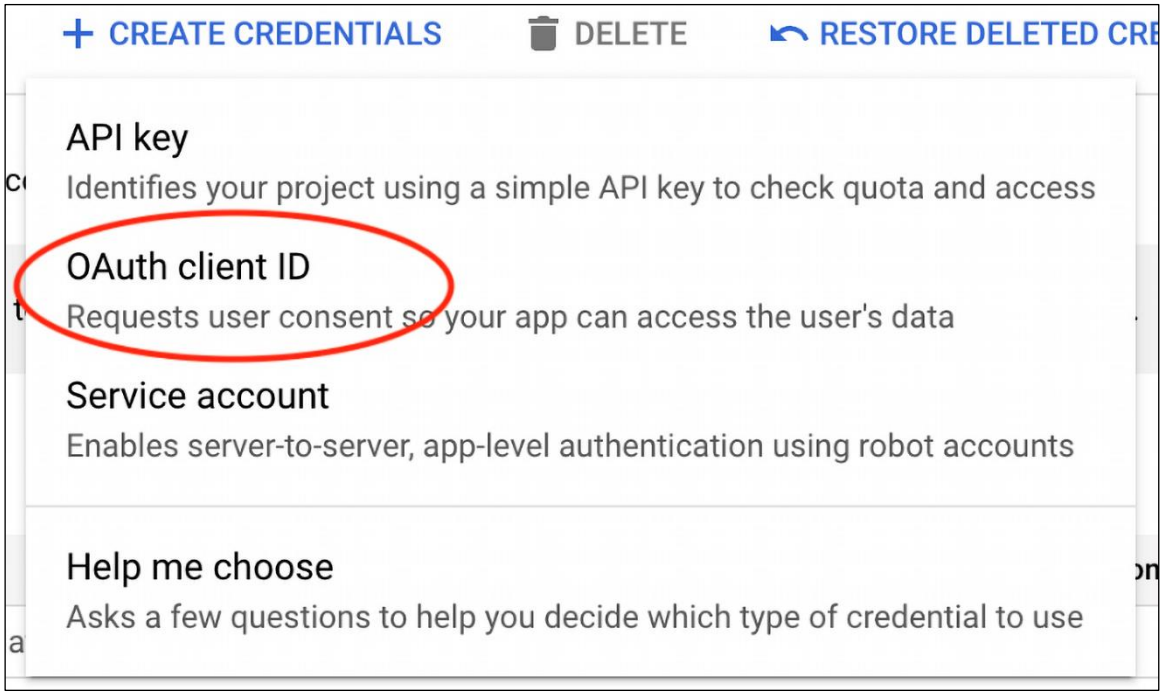

Your connection isn't private
Attackers might be trying to steal your information from mysite.com (for example, passwords, messages or credit cards).
NET::ERR_CERT_AUTHORITY_INVALID
Hide Advanced
Go Back
This server couldn't prove that it's mysite.com; its security certificate is not trusted by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.
Continue to mysite.com (unsafe)


127.0.0.1:8000/account/login/

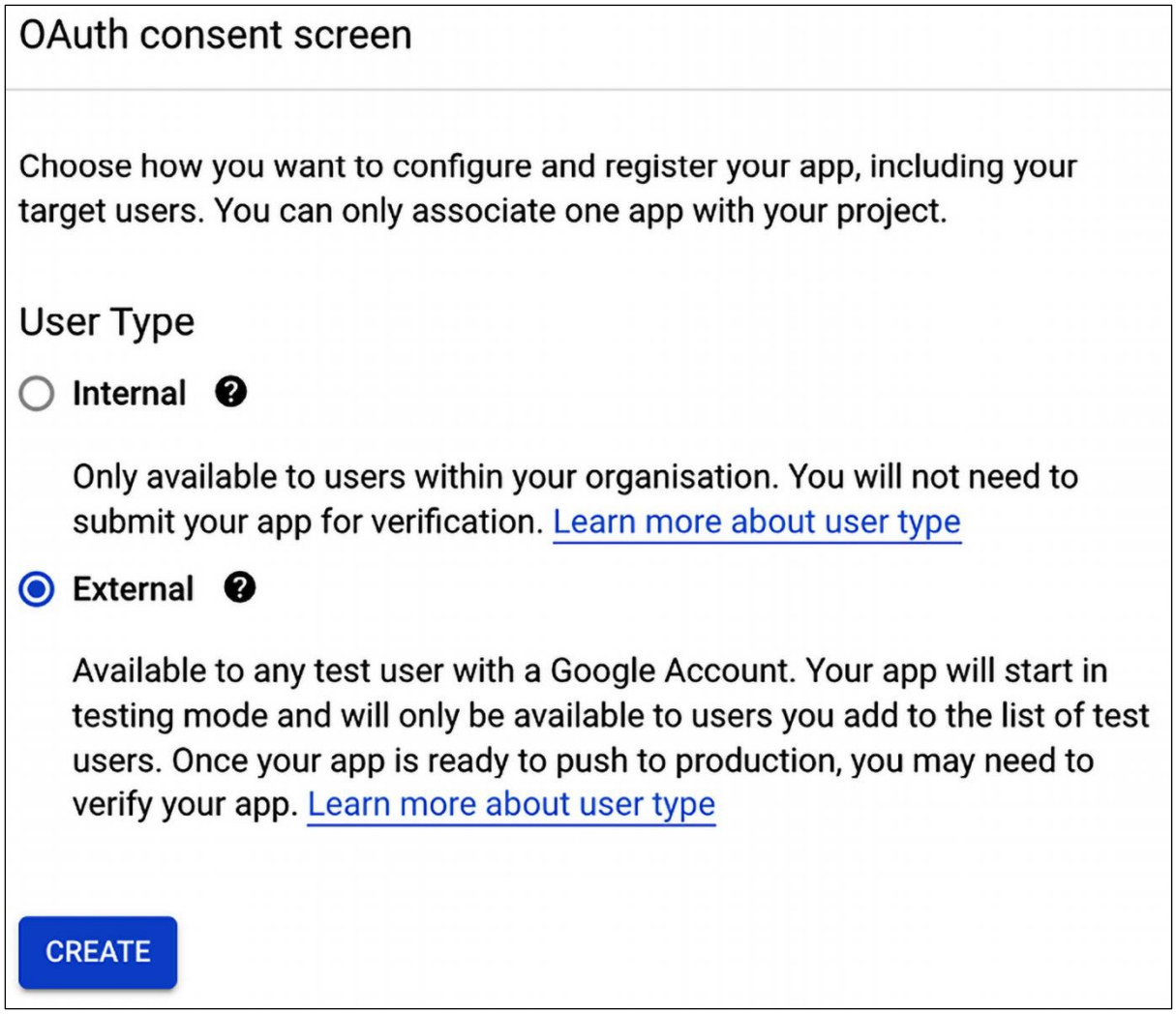

Project name *
Bookmarks
Project ID: bookmarks-403822. It cannot be changed later. EDIT
Location *
No organization
BROWSE
Parent organization or folder
CREATE
CANCEL

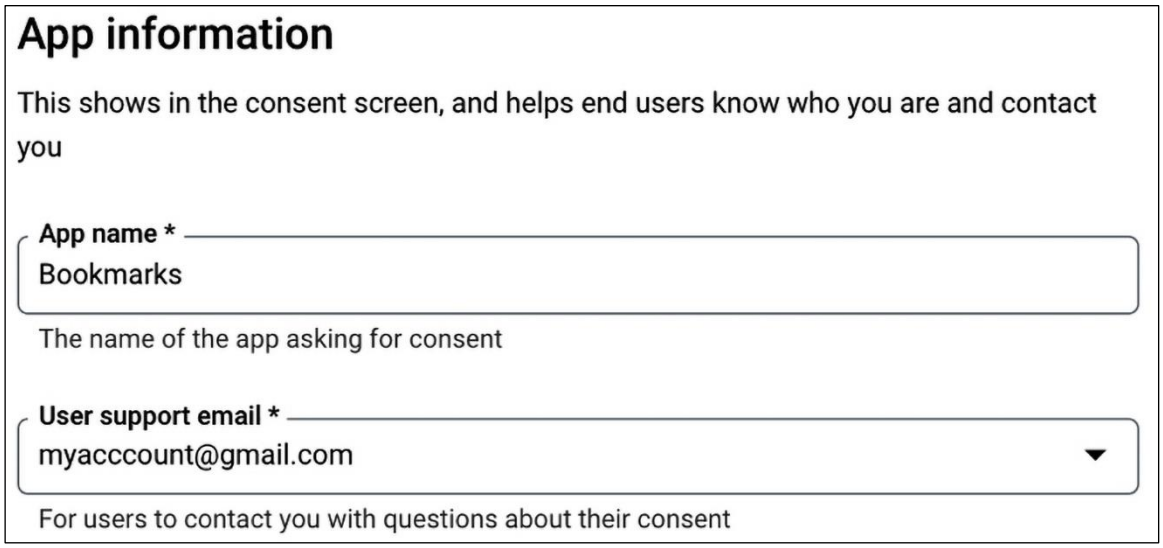

Google Cloud
Bookmarks

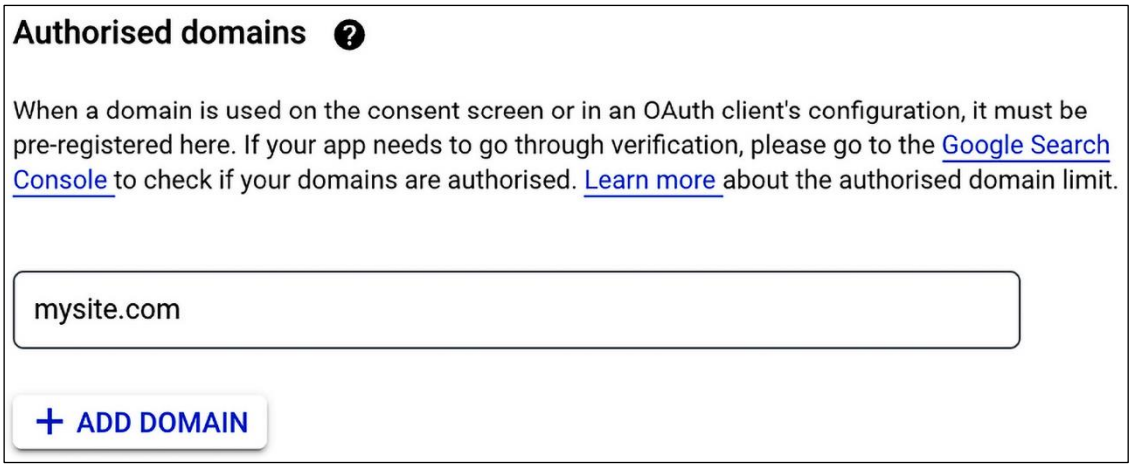

PIs & Services
Marketplace
Billing
APIs & Services
Support
IAM & Admin
Getting started
Security
Enabled APIs & services
Library
Credentials
OAuth consent screen
Page usage agreements

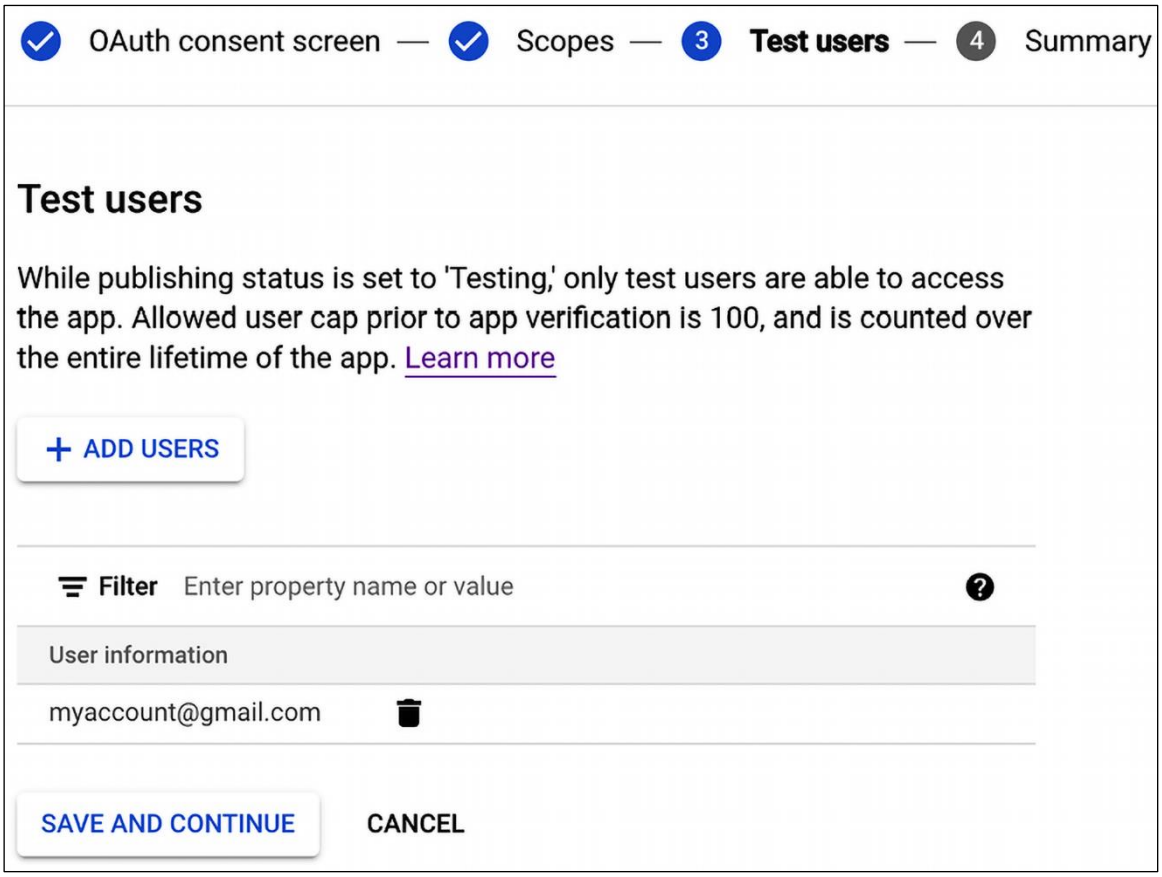

CREATE CREDENTIALS
DELETE
RESTORE DELETED CRE
API key
Identifies your project using a simple API key to check quota and access
OAuth client ID
Requests user consent so your app can access the user's data
Service account
Enables server-to-server, app-level authentication using robot accounts
Help me choose
Asks a few questions to help you decide which type of credential to use

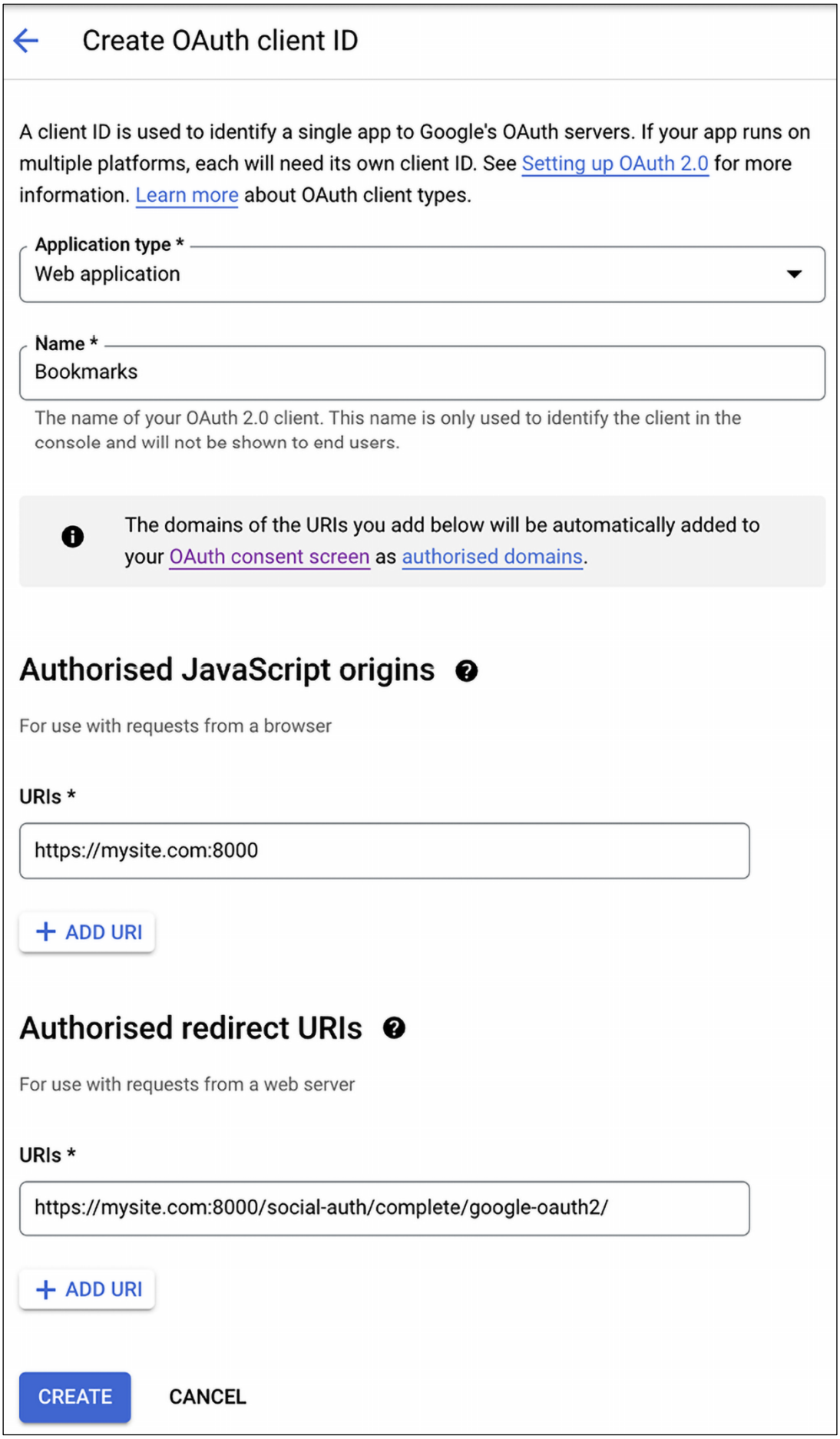

To create an OAuth client ID, you must first configure your consent screen
CONFIGURE CONSENT SCREEN

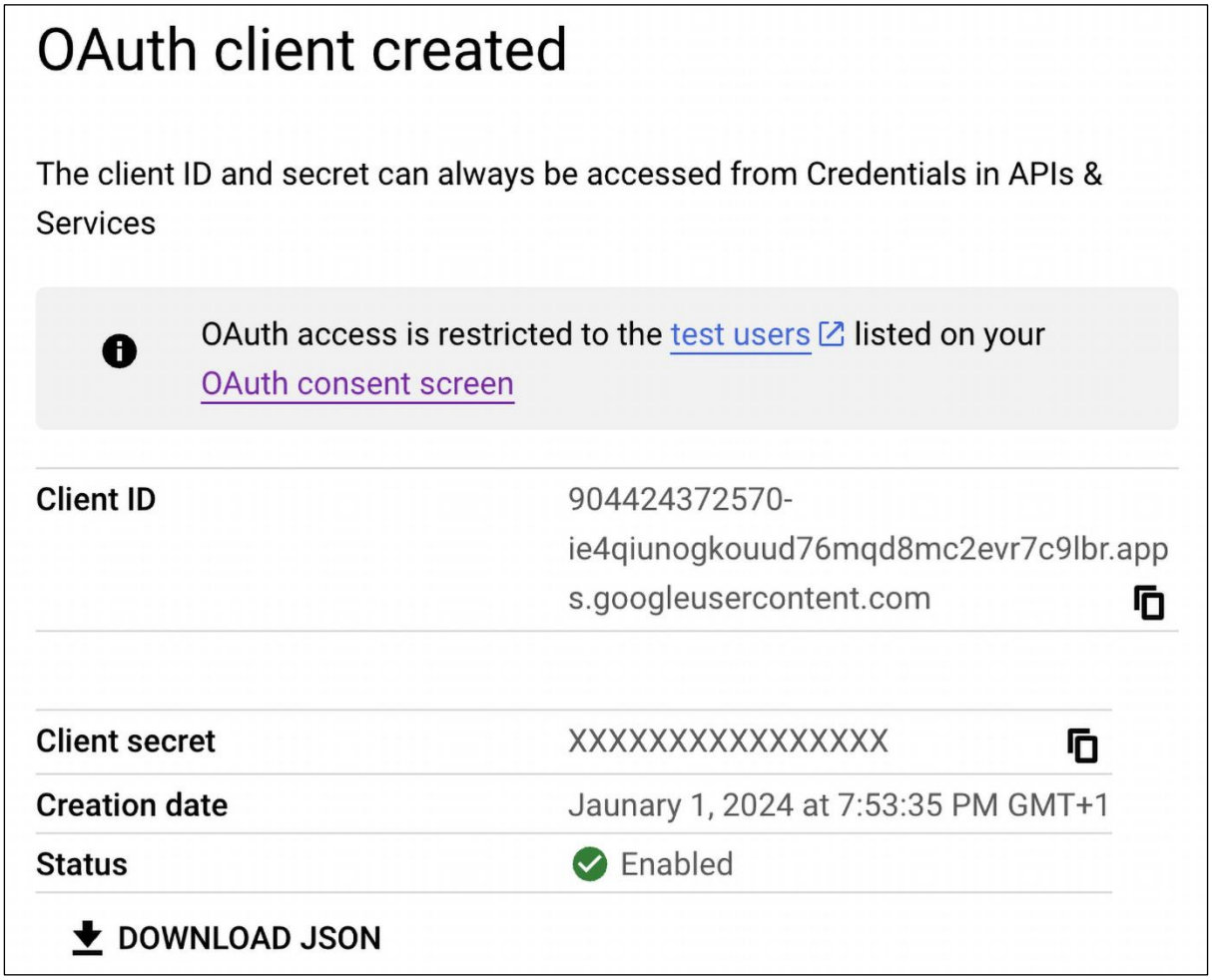

OAuth consent screen
Choose how you want to configure and register your app, including your target users. You can only associate one app with your project.
User Type
Internal
Only available to users within your organisation. You will not need to submit your app for verification. Learn more about user type
External
Available to any test user with a Google Account. Your app will start in testing mode and will only be available to users you add to the list of test users. Once your app is ready to push to production, you may need to verify your app. Learn more about user type
CREATE

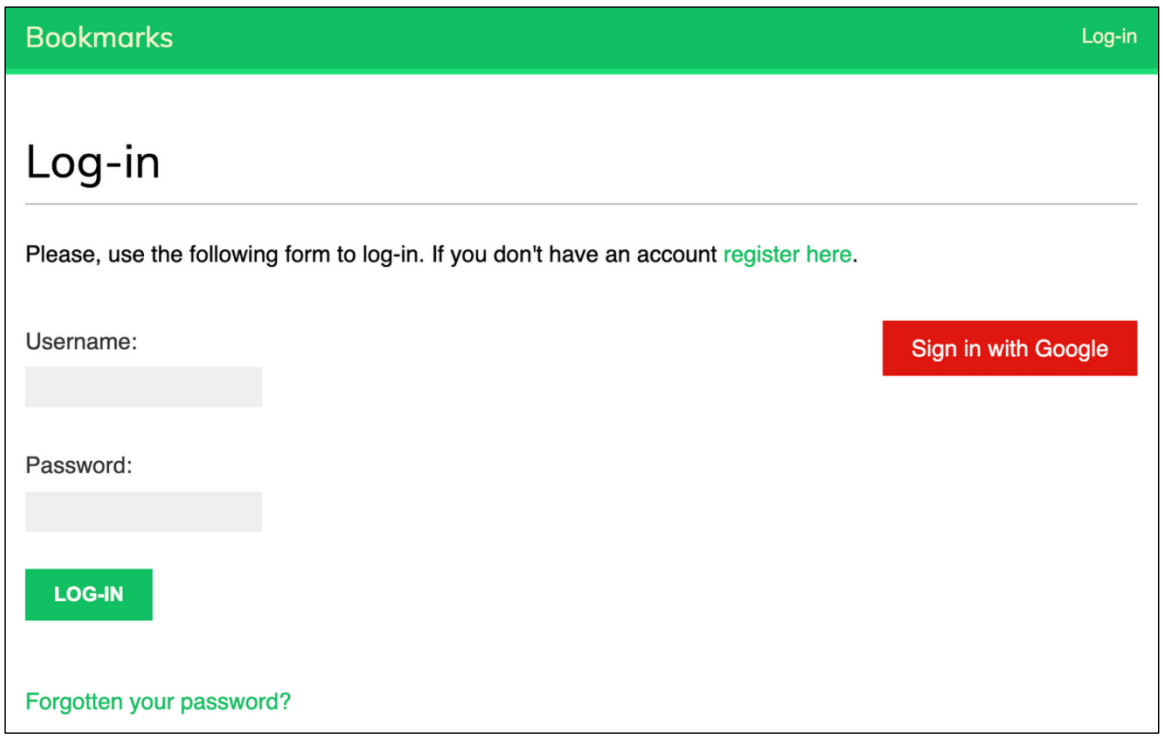

App information
This shows in the consent screen, and helps end users know who you are and contact you
App name *
Bookmarks
The name of the app asking for consent
User support email *
myacccount@gmail.com
For users to contact you with questions about their consent

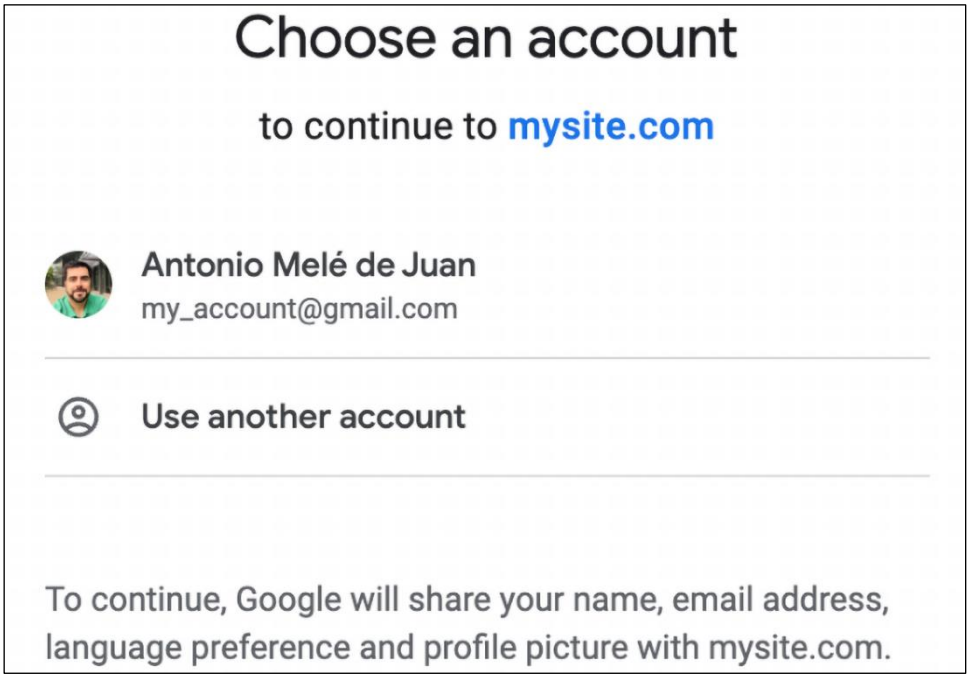

Authorised domains
When a domain is used on the consent screen or in an OAuth client's configuration, it must be pre-registered here. If your app needs to go through verification, please go to the Google Search Console to check if your domains are authorised. Learn more about the authorised domain limit.
mysite.com
+ ADD DOMAIN


OAuth consent screen
Scopes
3
Test users
4
Summary
Test users
While publishing status is set to 'Testing,' only test users are able to access the app. Allowed user cap prior to app verification is 100, and is counted over the entire lifetime of the app. Learn more
+ ADD USERS
Filter
Enter property name or value
User information
myaccount@gmail.com
SAVE AND CONTINUE
CANCEL

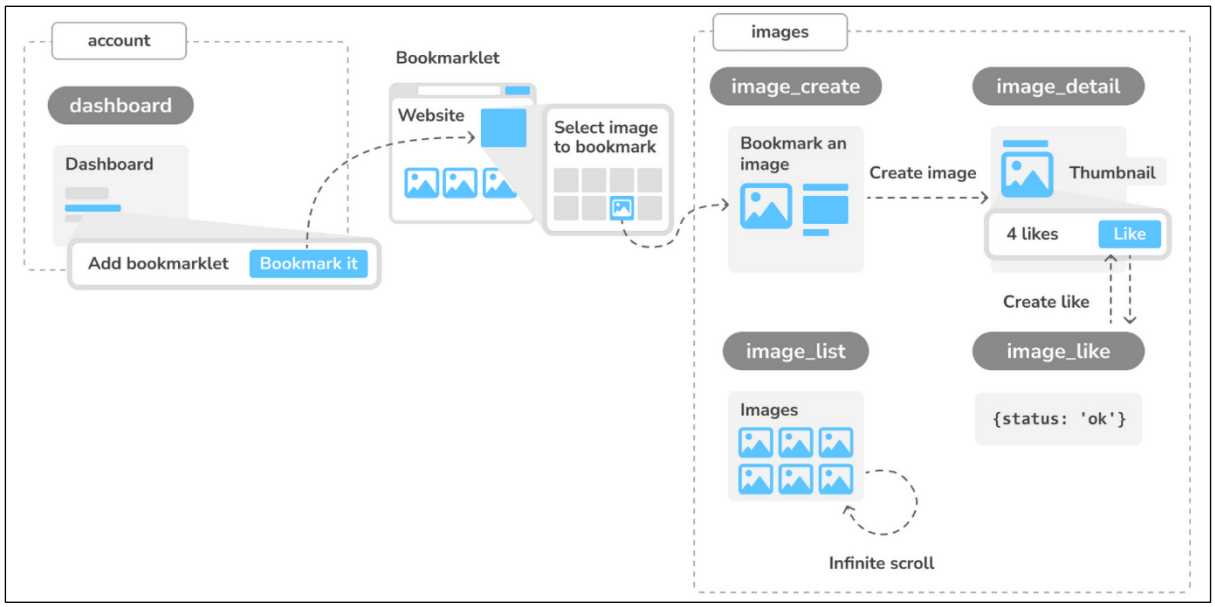

Create OAuth client ID
A client ID is used to identify a single app to Google's OAuth servers. If your app runs on multiple platforms, each will need its own client ID. See Setting up OAuth 2.0 for more information. Learn more about OAuth client types.
Application type *
Web application
Name *
Bookmarks
The name of your OAuth 2.0 client. This name is only used to identify the client in the console and will not be shown to end users.
The domains of the URIs you add below will be automatically added to your OAuth consent screen as authorised domains.
Authorised JavaScript origins
For use with requests from a browser
URIs *
https://mysite.com:8000
ADD URI
Authorised redirect URIs
For use with requests from a web server
URIs *
https://mysite.com:8000/social-auth/complete/google-oauth2/
ADD URI
CREATE
CANCEL

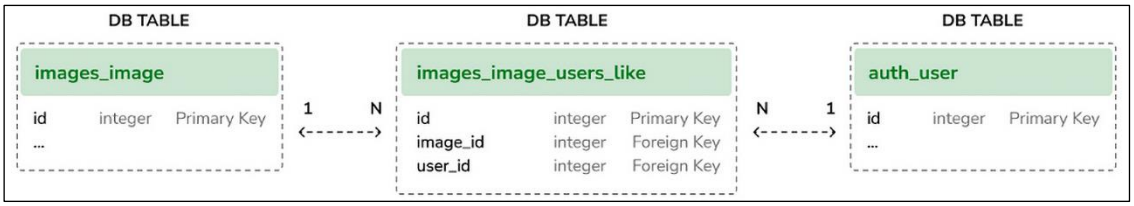

OAuth client created
The client ID and secret can always be accessed from Credentials in APIs & Services
OAuth access is restricted to the test users listed on your OAuth consent screen
Client ID
904424372570-ie4qiunogkouud76mqd8mc2evr7c9lbr.apps.googleusercontent.com
Client secret
XXXXXXXXXXXXXXX
Creation date
Jaunary 1, 2024 at 7:53:35 PM GMT+1
Status
Enabled
DOWNLOAD JSON

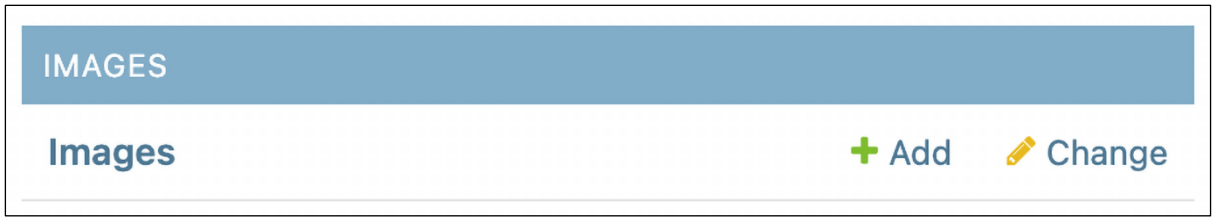

Bookmarks
Log-in
Log-in
Please, use the following form to log-in. If you don't have an account register here.
Username:
Sign in with Google
Password:
LOG-IN
Forgotten your password?


Choose an account
to continue to mysite.com
Antonio Melé de Juan
my_account@gmail.com
Use another account
To continue, Google will share your name, email address, language preference and profile picture with mysite.com.

Chapter 6: Sharing Content on Your Website







Bookmarks My dashboard Images People Hello Antonio, Logout

Bookmark an image



Title:

Django and Duke

Description:

BOOKMARK IT!

AttributeError

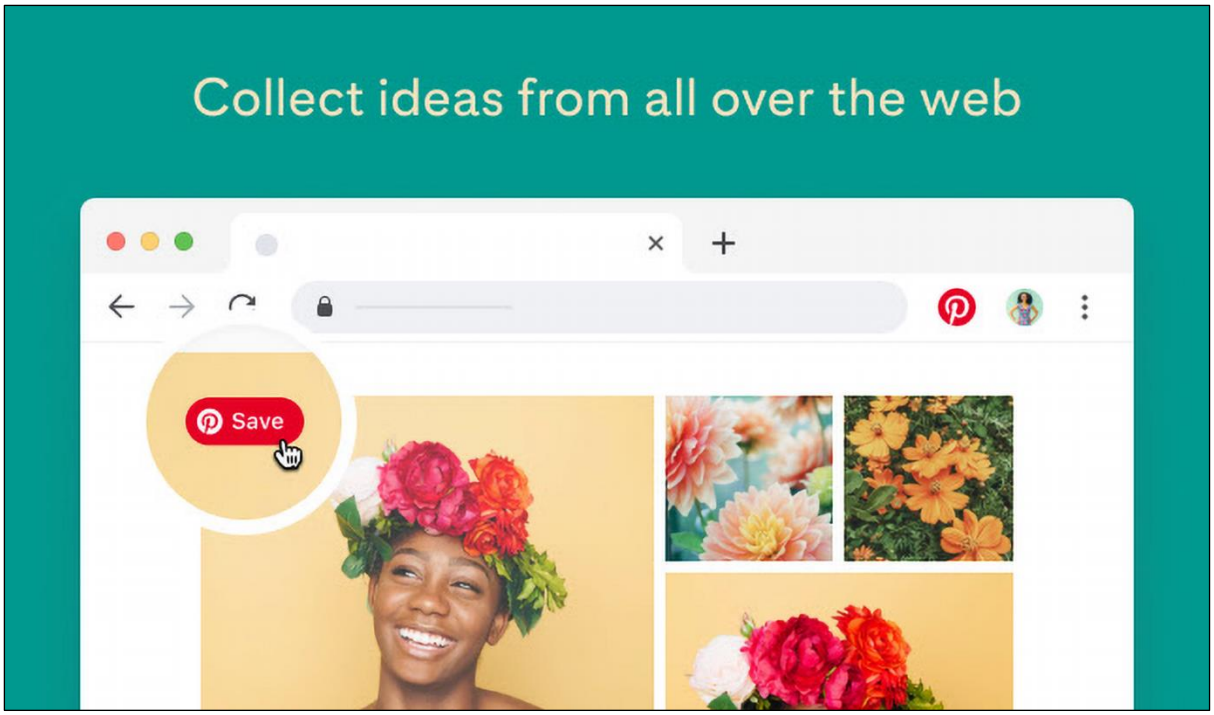
```
AttributeError: 'Image' object has no attribute 'get_absolute_url'
```

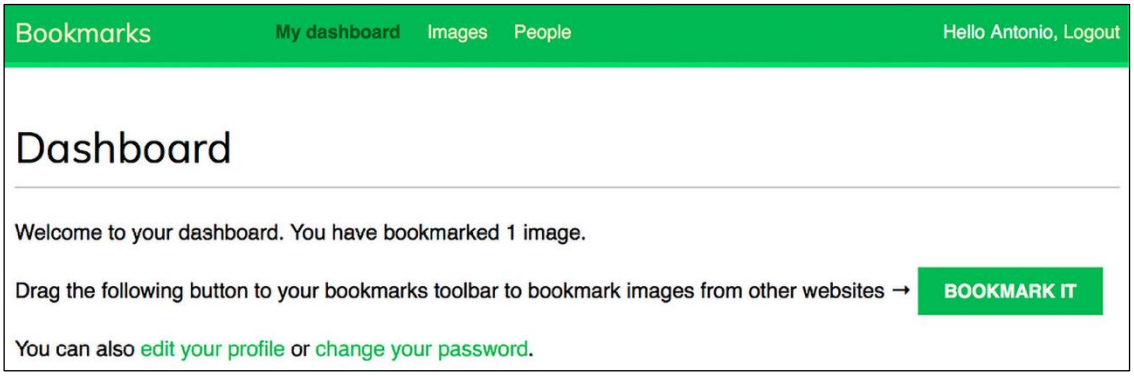
Select image to change

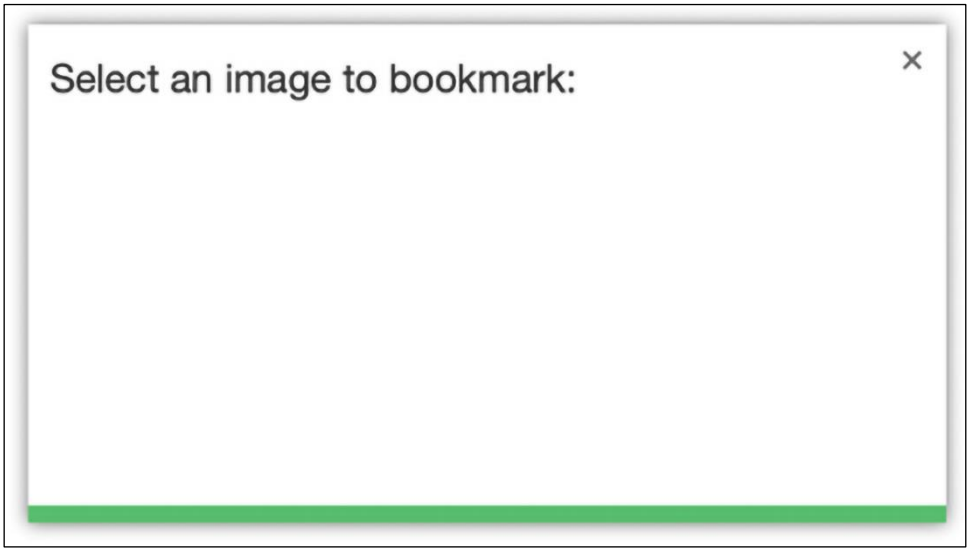
Action: --------- Go 0 of 1 selected

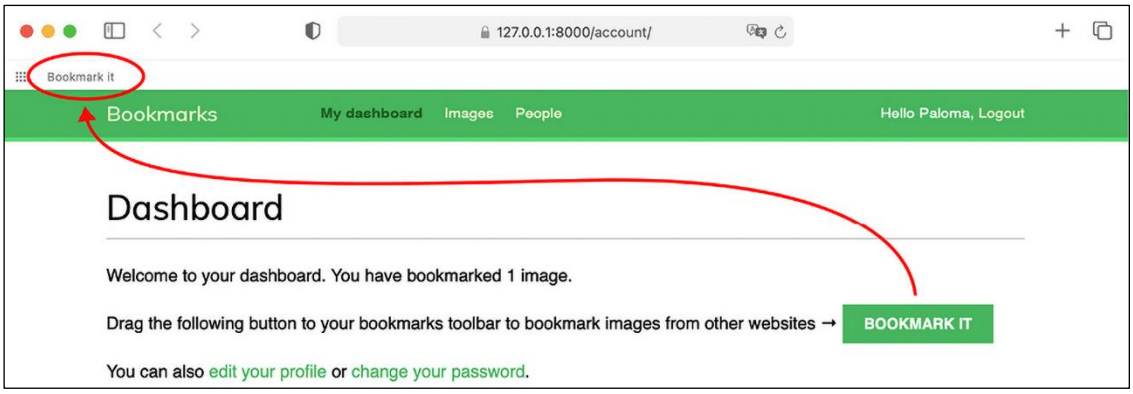
	TITLE	SLUG	IMAGE	CREATED
☐	Django and Duke	django-and-duke	images/2024/01/02/django-and-duke.jpg	Jan. 2, 2024

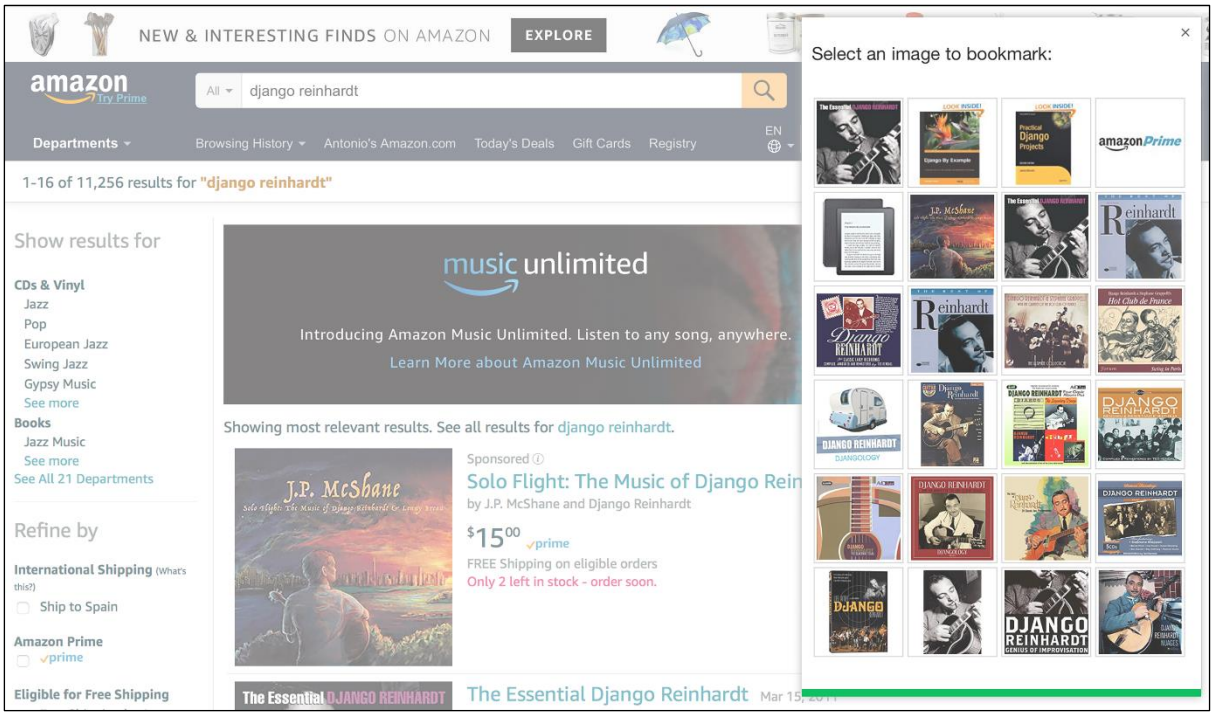
1 image

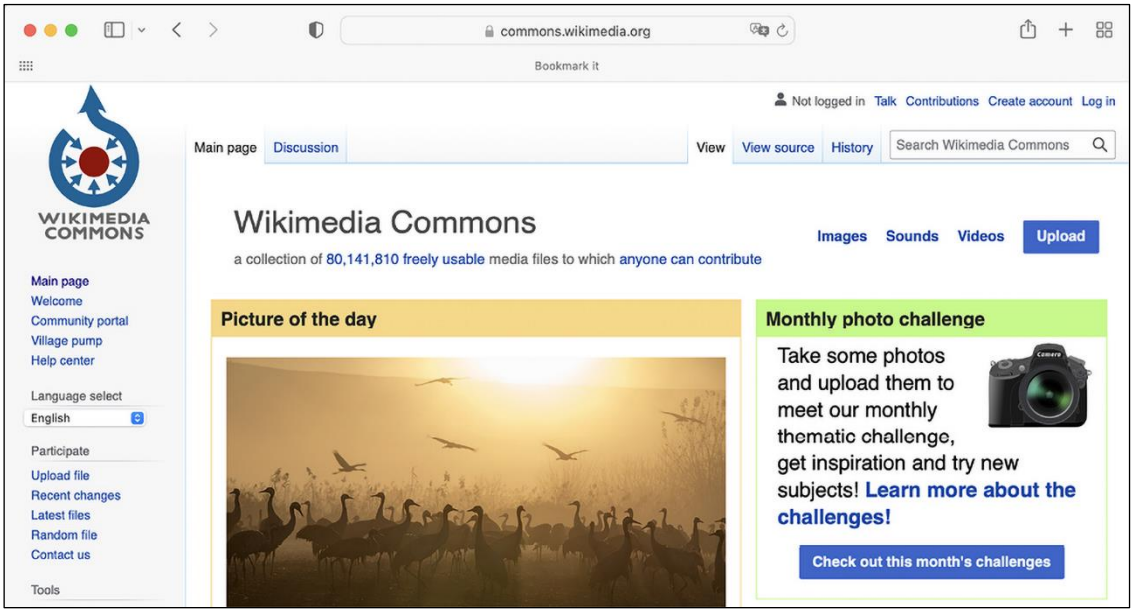

Collect ideas from all over the web
Save

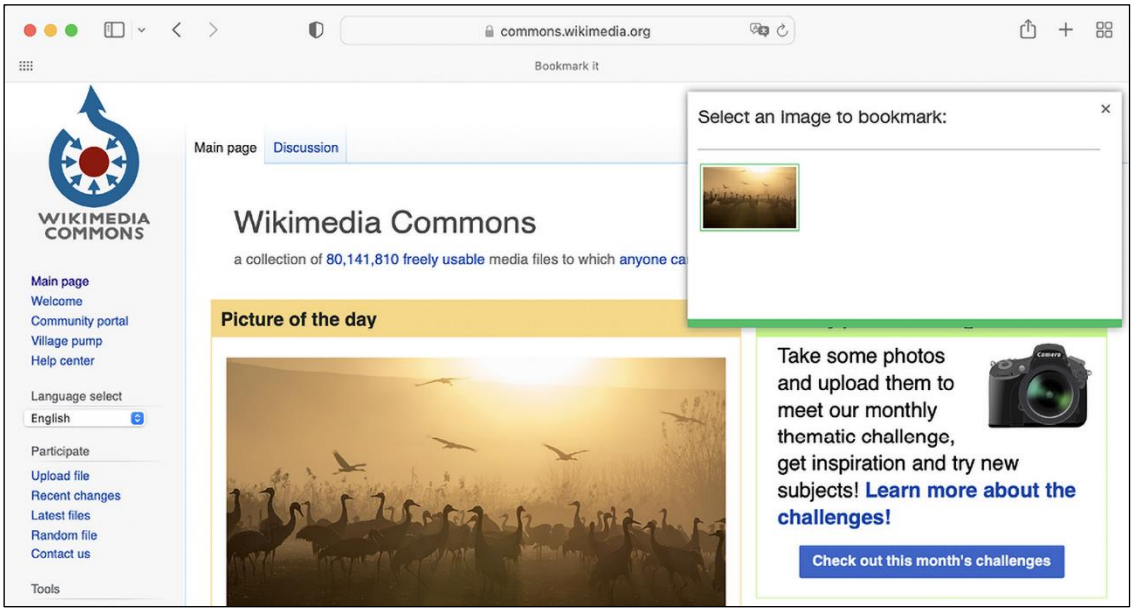

Bookmarks
My dashboard
Images
People
Hello Antonio, Logout
Dashboard
Welcome to your dashboard. You have bookmarked 1 image.
Drag the following button to your bookmarks toolbar to bookmark images from other websites →
BOOKMARK IT
You can also edit your profile or change your password.

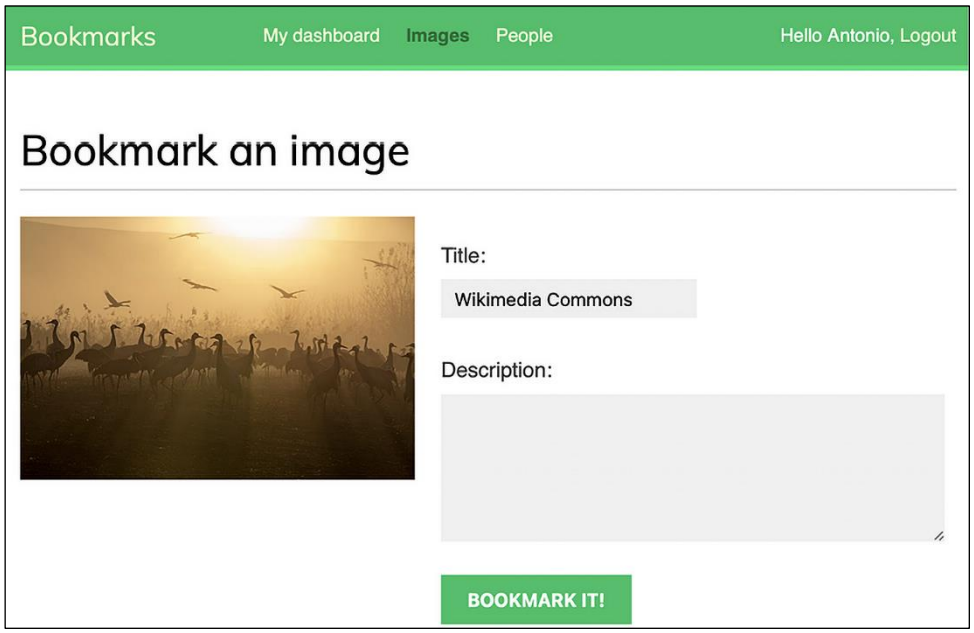

Select an image to bookmark:


127.0.0.1:8000/account/
Bookmark it
Bookmarks
My dashboard
Images
People
Hello Paloma, Logout
Dashboard
Welcome to your dashboard. You have bookmarked 1 image.
Drag the following button to your bookmarks toolbar to bookmark images from other websites →
BOOKMARK IT
You can also edit your profile or change your password.


NEW & INTERESTING FINDS ON AMAZON
EXPLORE
amazon
Try Prime
All
django reinhardt
Departments
Browsing History
Antonio's Amazon.com
Today's Deals
Gift Cards
Registry
EN
1-16 of 11,256 results for "django reinhardt"
Show results for
CDs & Vinyl
Jazz
Pop
European Jazz
Swing Jazz
Gypsy Music
See more
Books
Jazz Music
See more
See All 21 Departments
Refine by
International Shipping (What's this?)
Ship to Spain
Amazon Prime
prime
Eligible for Free Shipping
music unlimited
Introducing Amazon Music Unlimited. Listen to any song, anywhere.
Learn More about Amazon Music Unlimited
Showing most relevant results. See all results for django reinhardt.
Sponsored
Solo Flight: The Music of Django Rein
by J.P. McShane and Django Reinhardt
$15.00 prime
FREE Shipping on eligible orders
Only 2 left in stock - order soon.
The Essential Django Reinhardt
Select an image to bookmark:


commons.wikimedia.org
Bookmark it
Not logged in
Talk
Contributions
Create account
Log in
Main page
Discussion
View
View source
History
Search Wikimedia Commons
WIKIMEDIA COMMONS
Wikimedia Commons
a collection of 80,141,810 freely usable media files to which anyone can contribute
Images
Sounds
Videos
Upload
Main page
Welcome
Community portal
Village pump
Help center
Language select
English
Participate
Upload file
Recent changes
Latest files
Random file
Contact us
Tools
Picture of the day
Monthly photo challenge
Take some photos and upload them to meet our monthly thematic challenge, get inspiration and try new subjects! Learn more about the challenges!
Check out this month's challenges


commons.wikimedia.org
Bookmark it
Select an Image to bookmark:
Main page
Discussion
WIKIMEDIA COMMONS
Wikimedia Commons
a collection of 80,141,810 freely usable media files to which anyone ca
Main page
Welcome
Community portal
Village pump
Help center
Language select
English
Participate
Upload file
Recent changes
Latest files
Random file
Contact us
Tools
Picture of the day
Take some photos and upload them to meet our monthly thematic challenge, get inspiration and try new subjects! Learn more about the challenges!
Check out this month's challenges


Bookmarks
My dashboard
Images
People
Hello Antonio, Logout
Bookmark an image
Title:
Wikimedia Commons
Description:
BOOKMARK IT!

Bookmarks My dashboard **Images** People Hello Antonio, Logout

Image added successfully x

Wikimedia Commons

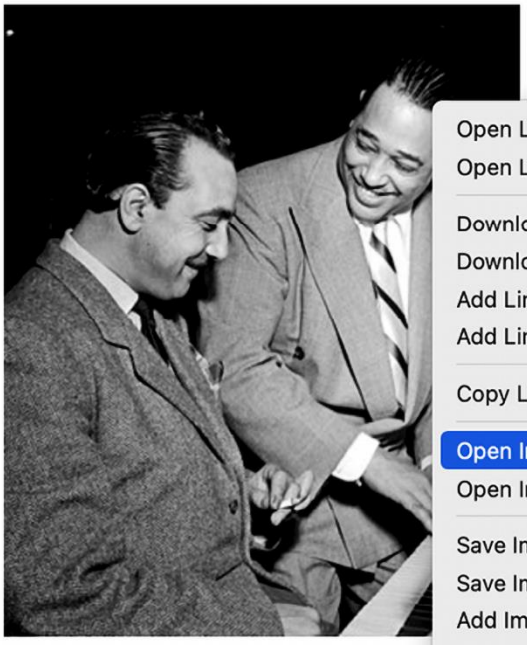


0 likes

A flock of cranes (Grus grus) in Hula Valley, Northern Israel.

Nobody likes this image yet.

Django and Duke



0 likes

yet.

Open Link in New Tab
Open Link in New Window

Download Linked File
Download Linked File As...
Add Link to Bookmarks...
Add Link to Reading List

Copy Link

Open Image in New Tab
Open Image in New Window

Save Image to "Downloads"
Save Image As...
Add Image to Photos
Use Image as Desktop Picture

Copy Image Address
Copy Image

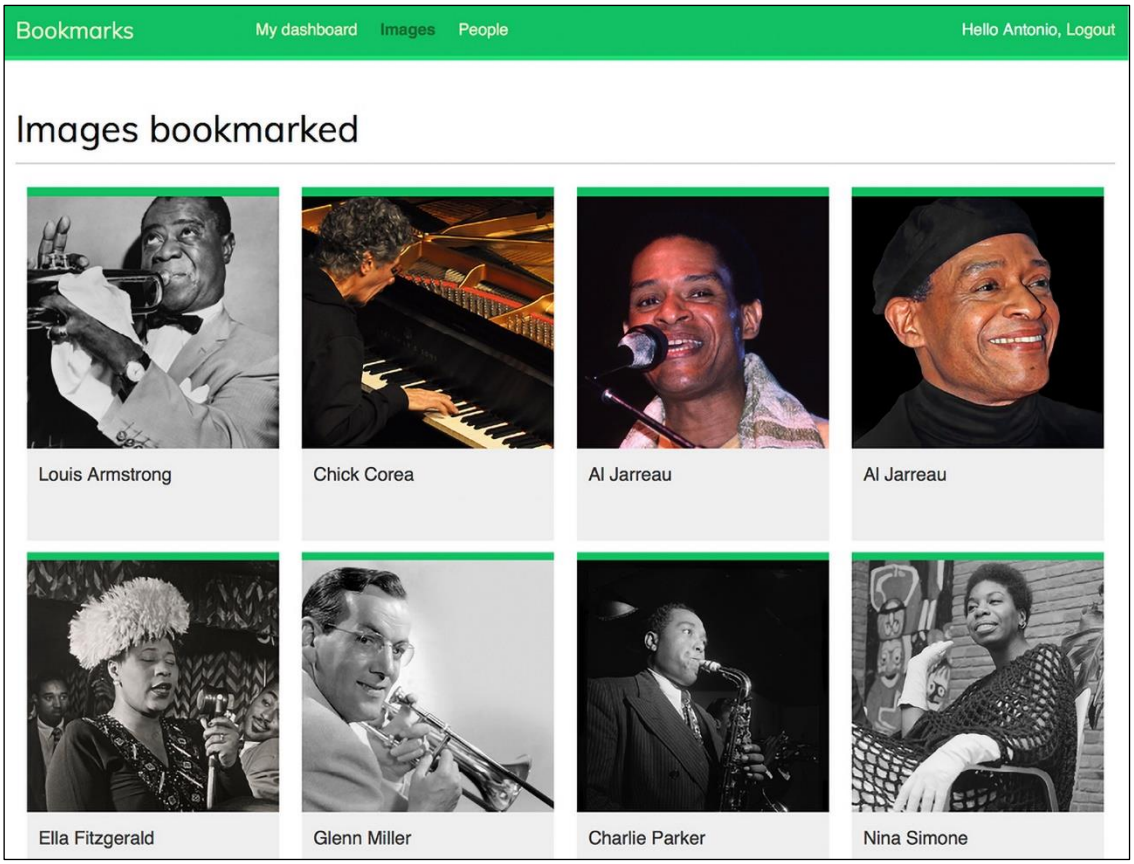
Share

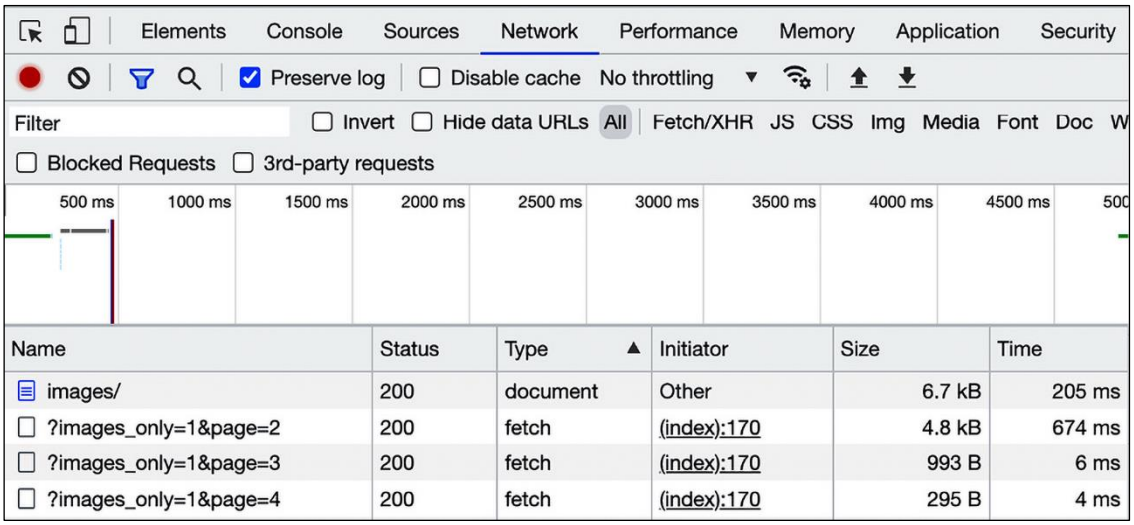
Inspect Element

127.0.0.1:8000/media/images/2022/01/10/django-and-duke.jpg.300x0_q85.jpg

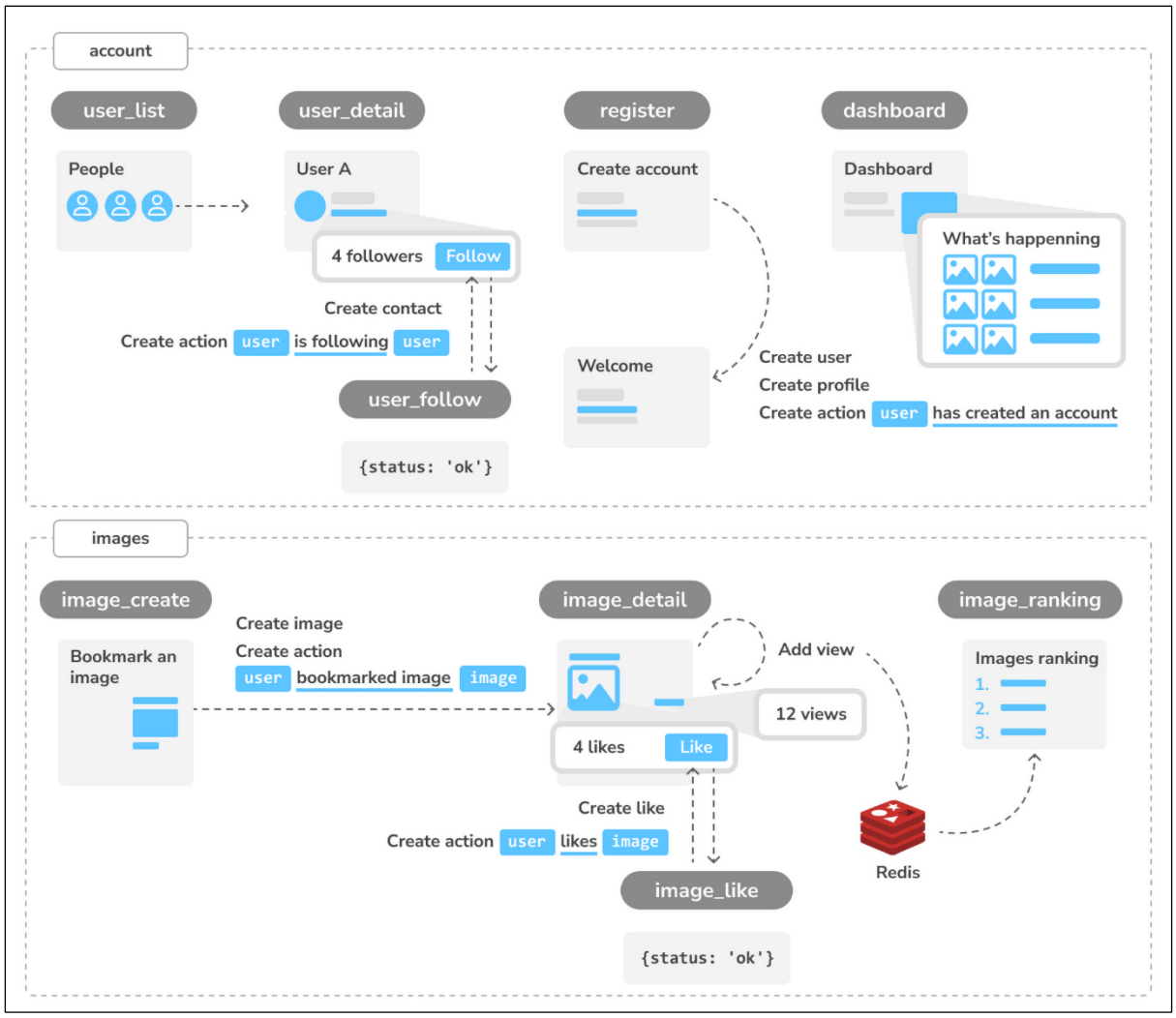
0 likes LIKE

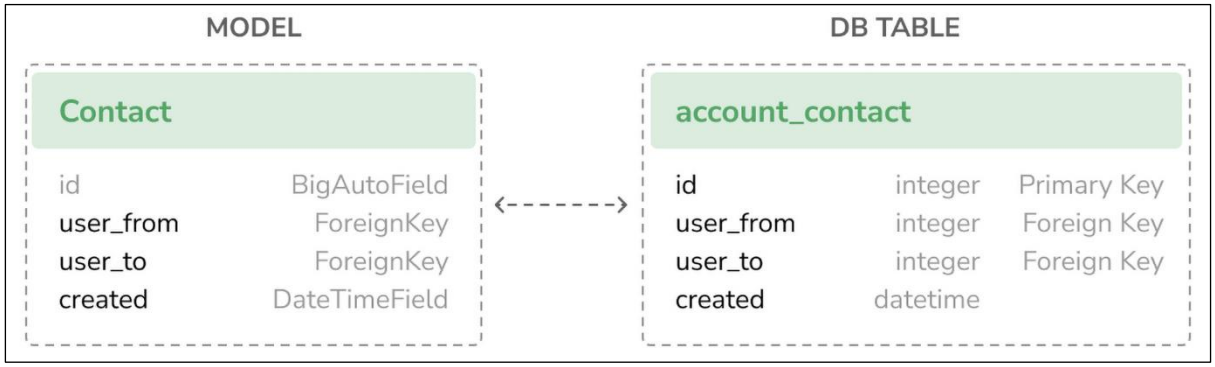
1 likes UNLIKE

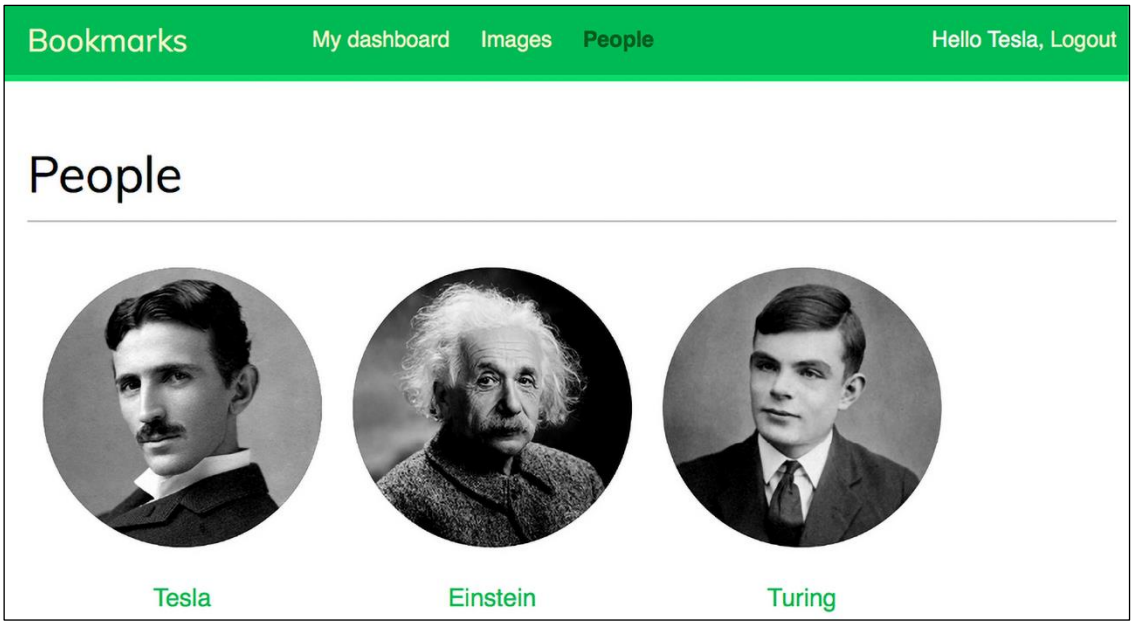

Bookmarks
My dashboard
Images
People
Hello Antonio, Logout
Images bookmarked
Louis Armstrong
Chick Corea
Al Jarreau
Al Jarreau
Ella Fitzgerald
Glenn Miller
Charlie Parker
Nina Simone

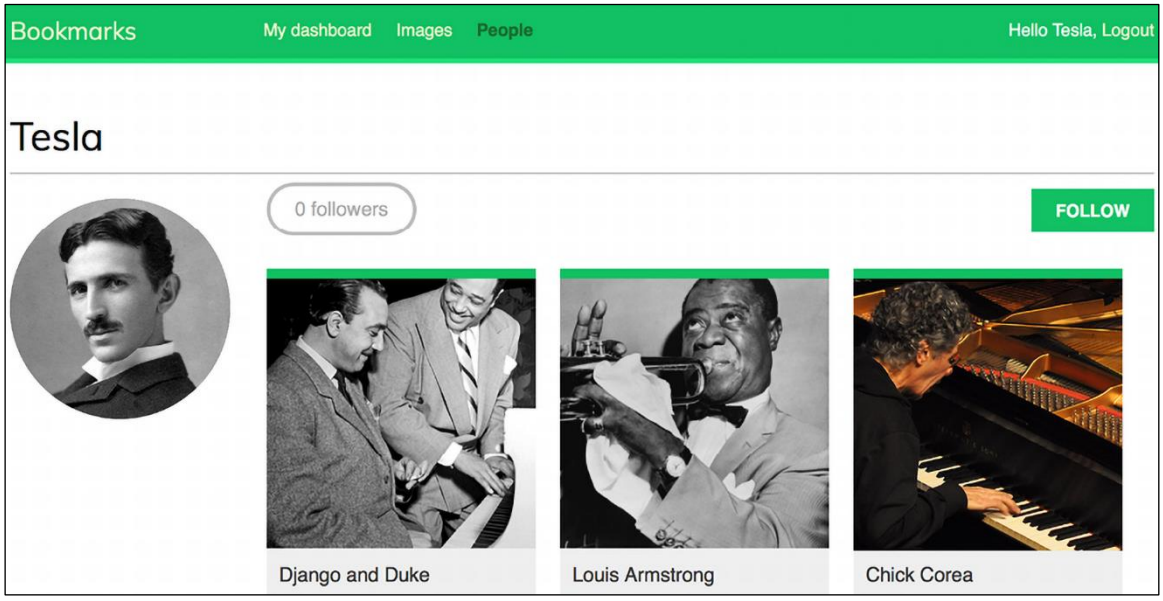

Elements
Console
Sources
Network
Performance
Memory
Application
Security
Preserve log
Disable cache
No throttling
Filter
Invert
Hide data URLs
All
Fetch/XHR
JS
CSS
Img
Media
Font
Doc
Blocked Requests
3rd-party requests
500 ms
1000 ms
1500 ms
2000 ms
2500 ms
3000 ms
3500 ms
4000 ms
4500 ms
Name
Status
Type
Initiator
Size
Time
images/
200
document
Other
6.7 kB
205 ms
?images_only=1&page=2
200
fetch
(index):170
4.8 kB
674 ms
?images_only=1&page=3
200
fetch
(index):170
993 B
6 ms
?images_only=1&page=4
200
fetch
(index):170
295 B
4 ms

Chapter 7: Tracking User Actions

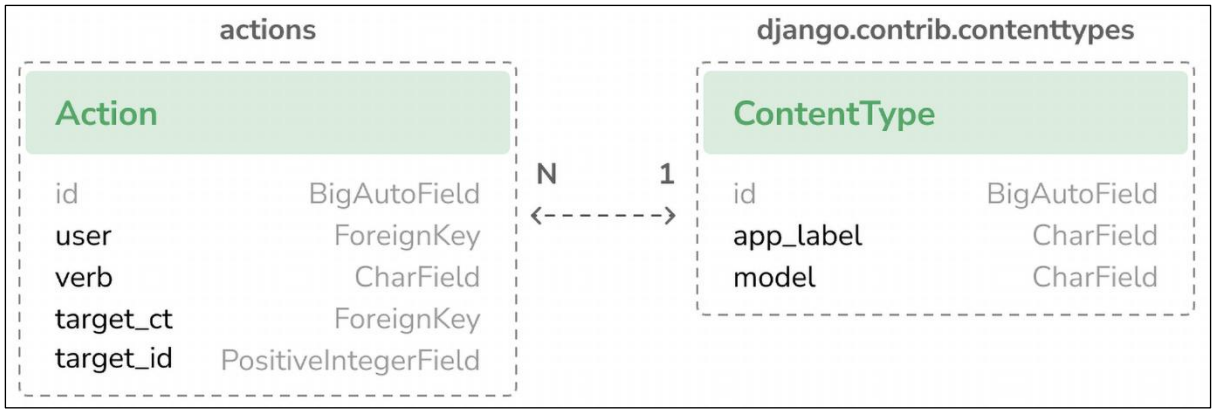


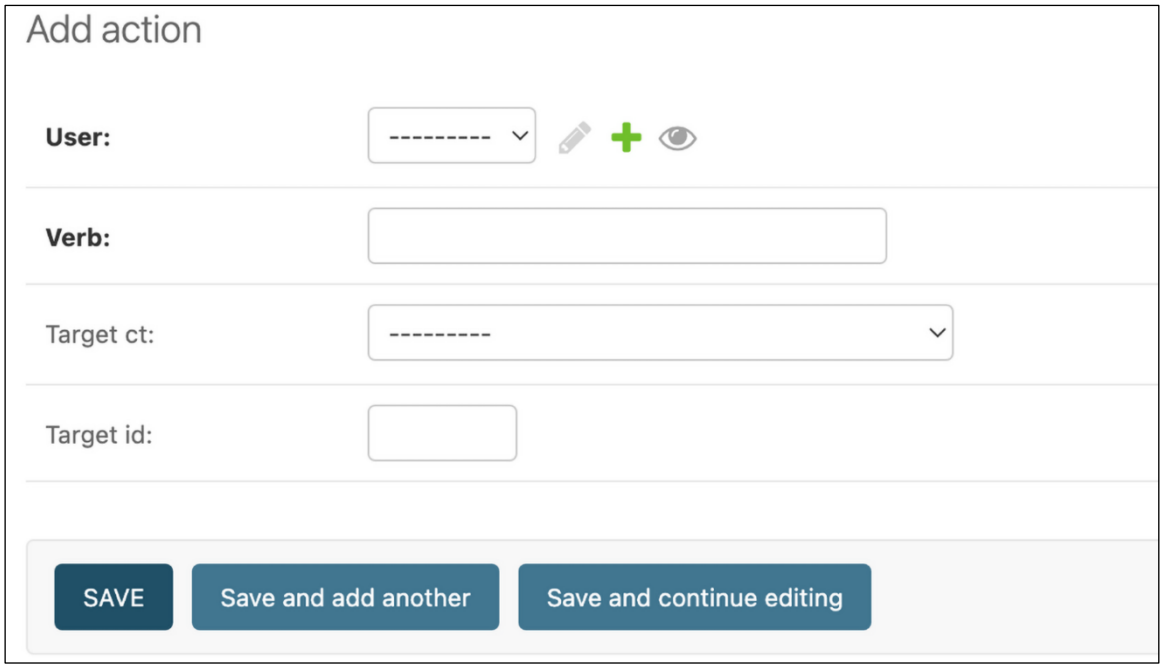



Bookmarks
My dashboard
Images
People
Hello Tesla, Logout
People
Tesla
Einstein
Turing


Bookmarks
My dashboard
Images
People
Hello Tesla, Logout
Tesla
0 followers
FOLLOW
Django and Duke
Louis Armstrong
Chick Corea


1 followers
UNFOLLOW

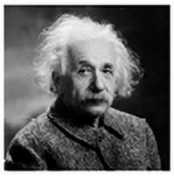

actions
Action
id BigAutoField
user ForeignKey
verb CharField
target_ct ForeignKey
target_id PositiveIntegerField
N
1
django.contrib.contenttypes
ContentType
id BigAutoField
app_label CharField
model CharField


Add action
User:

Verb:
Target ct:

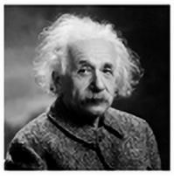
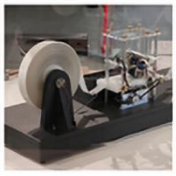
Target id:
SAVE
Save and add another
Save and continue editing

What's happening




3 minutes ago

Einstein likes Alternating electric current generator

5 minutes ago

Einstein bookmarked image Turing Machine




2 days, 2 hours ago

Tesla likes Chick Corea

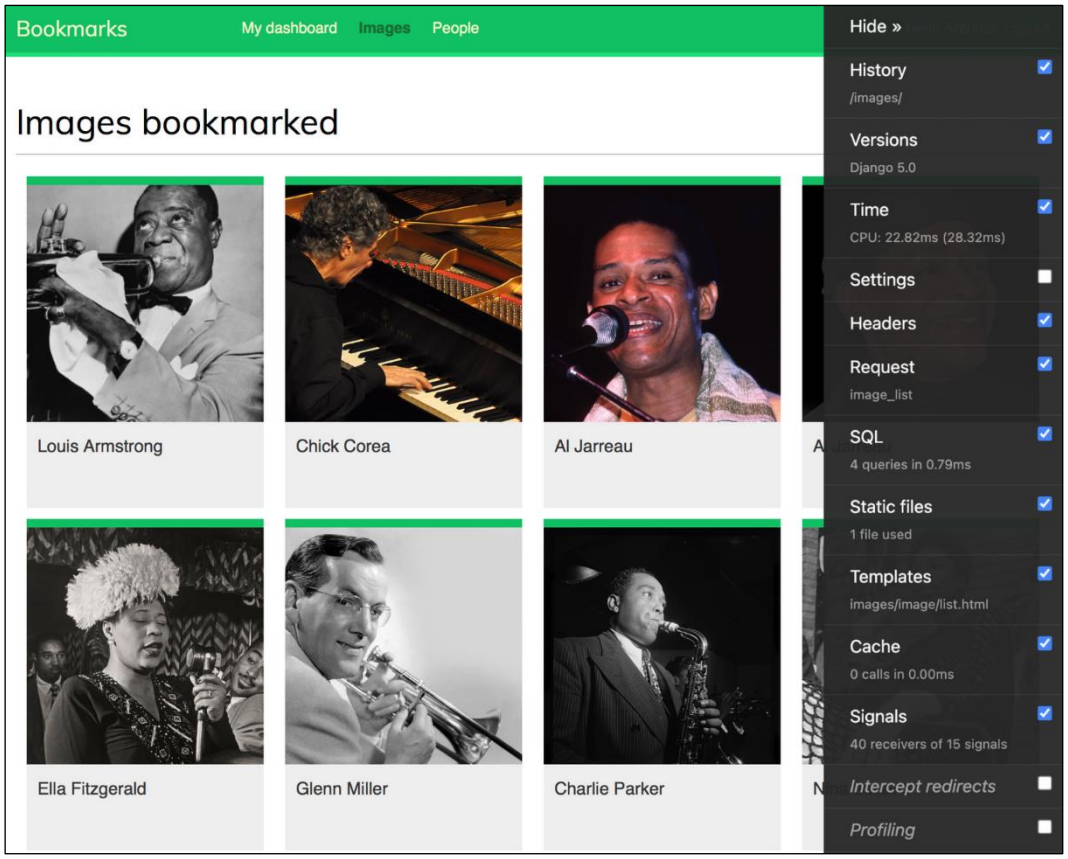
Users like:

Tesla
Einstein
Turing

+

Hold down "Control", or "Command" on a Mac, to select more than one.

Total likes: 2



Time

Resource usage

Resource	Value
User CPU time	20.159 msec
System CPU time	2.664 msec
Total CPU time	22.823 msec
Elapsed time	28.318 msec
Context switches	0 voluntary, 131 involuntary

Browser timing

Timing attribute	Timeline	Milliseconds since navigation start (+length)
domainLookup		4 (+0)
connect		4 (+0)
request		34 (+35)
response		65 (+4)
domLoading		69 (+67)
domInteractive		129
domContentLoadedEvent		129 (+2)
loadEvent		136 (+0)

SQL queries from 1 connection

default 0.79 ms (4 queries)

Query	Timeline	Time (ms)	Action
SELECT ··· FROM "django_session" **WHERE** ("django_session"."expire_date" > '''2023-11-26 12:18:56.919592''' **AND** "django_session"."session_key" = '''7dldcp6f6qffw160fvrxyj91q2mgl6lj''') **LIMIT** 21		0.49	Sel Expl
SELECT ··· FROM "auth_user" **WHERE** "auth_user"."id" = '1' **LIMIT** 21		0.09	Sel Expl
SELECT COUNT(*) **AS** "__count" **FROM** "images_image"		0.06	Sel Expl
SELECT ··· FROM "images_image" **ORDER BY** "images_image"."created" **DESC LIMIT** 8		0.15	Sel Expl

Templates (3 rendered)

Template paths

None

Templates

images/image/list.html

/Users/amele/Documents/Django-5-by-example/Chapter07/bookmarks/images/templates/images/image/list.html

▶ Toggle context

base.html

/Users/amele/Documents/Django-5-by-example/Chapter07/bookmarks/account/templates/base.html

▶ Toggle context

images/image/list_images.html

/Users/amele/Documents/Django-5-by-example/Chapter07/bookmarks/images/templates/images/image/list_images.html

▶ Toggle context

Context processors

django.template.context_processors.csrf

▶ Toggle context

django.template.context_processors.debug

▶ Toggle context

django.template.context_processors.request

▶ Toggle context

django.contrib.auth.context_processors.auth

▶ Toggle context

django.contrib.messages.context_processors.messages

▶ Toggle context

Signals

Signal	Receivers
class_prepared	
connection_created	
got_request_exception	
m2m_changed	users_like_changed
post_delete	
post_init	
post_migrate	create_permissions, create_contenttypes
post_save	signal_committed_filefields
pre_delete	
pre_init	
pre_migrate	inject_rename_contenttypes_operations
pre_save	find_uncommitted_filefields
request_finished	close_caches, close_old_connections, reset_urlconf
request_started	reset_queries, close_old_connections
setting_changed	reset_cache, clear_cache_handlers, update_installed_apps, update_connections_time_zone, clear_routers_cache, reset_template_engines, storages_changed, clear_serializers_cache, language_changed, localize_settings_changed, file_storage_changed, complex_setting_changed, root_urlconf_changed, static_storage_changed, static_finders_changed, auth_password_validators_changed, user_model_swapped, update_toolbar_config, reset_hashers, update_level_tags, clear_caches, FileSystemStorage._clear_cached_properties, FileSystemStorage._clear_cached_properties, FileSystemStorage._clear_cached_properties, FileSystemStorage._clear_cached_properties, FileSystemStorage._clear_cached_properties, StaticFilesStorage._clear_cached_properties, FileSystemStorage._clear_cached_properties, ThumbnailFileSystemStorage._clear_cached_properties

Django and Duke



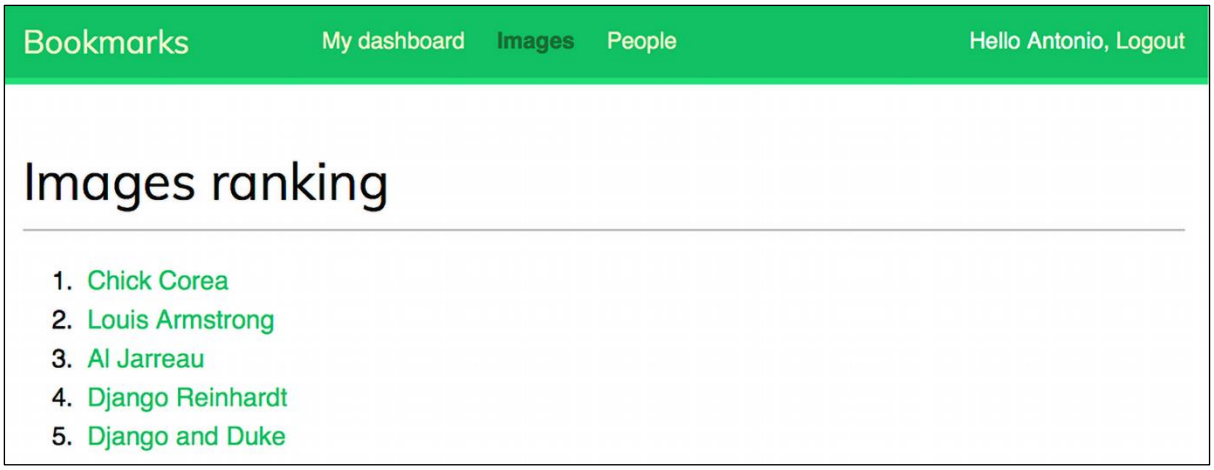
0 likes

16 views

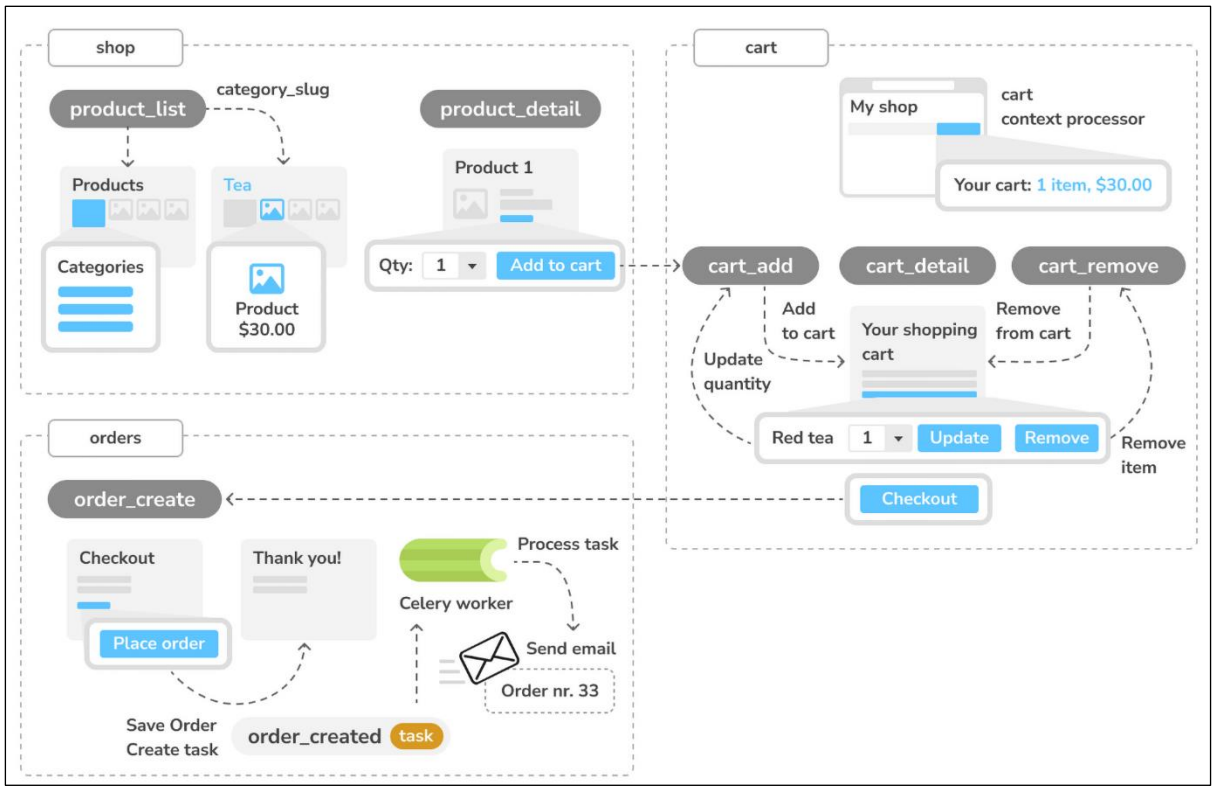
LIKE

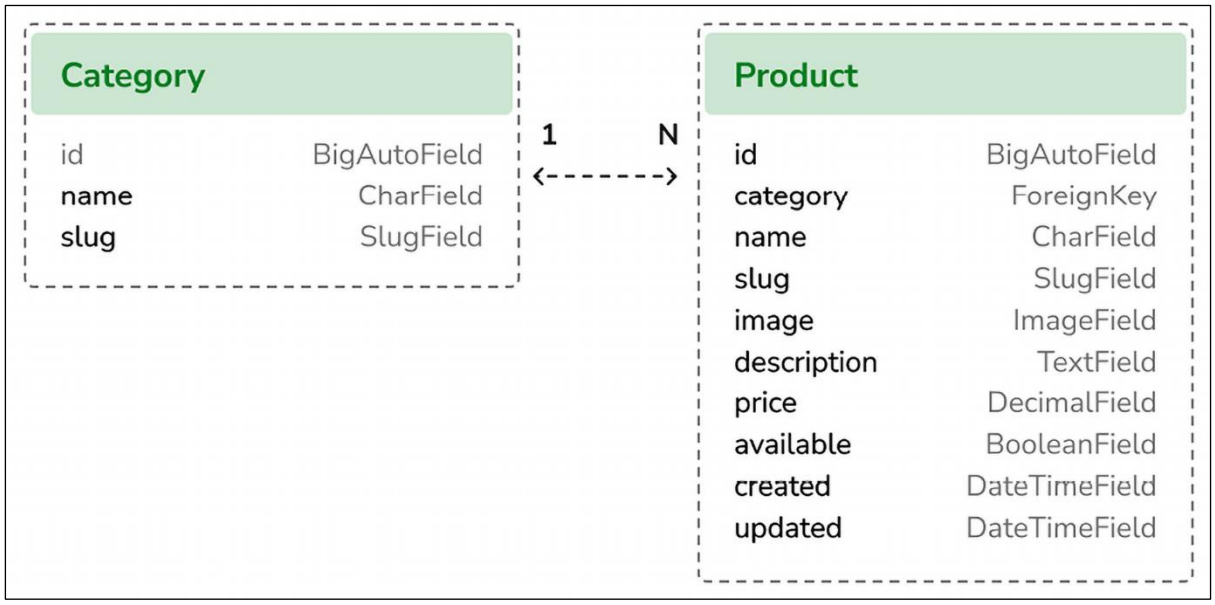
Django and Duke image.

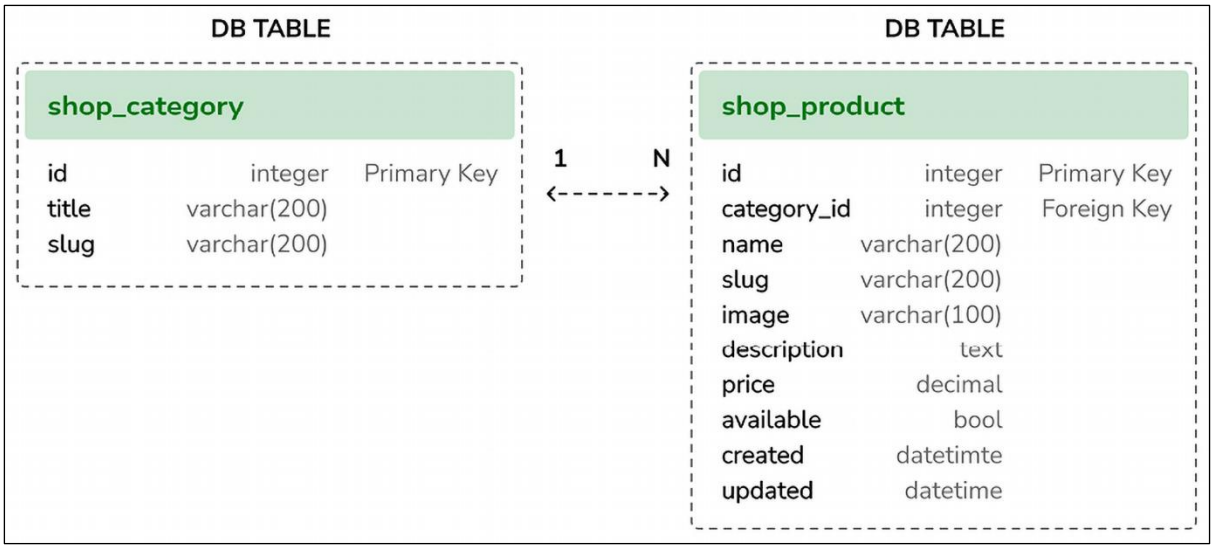
Nobody likes this image yet.

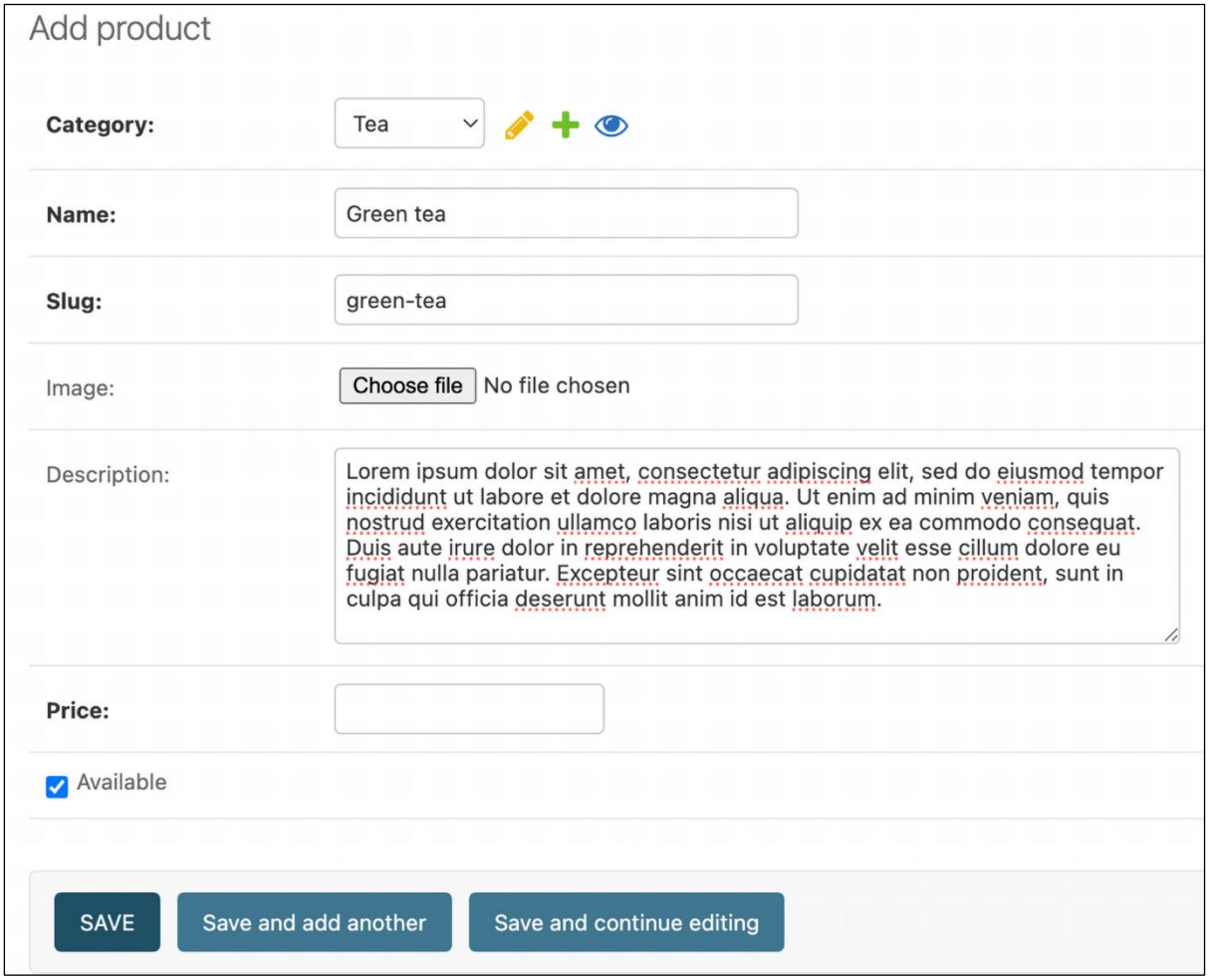

Bookmarks
My dashboard
Images
People
Hello Antonio, Logout
Images ranking
1. Chick Corea
2. Louis Armstrong
3. Al Jarreau
4. Django Reinhardt
5. Django and Duke

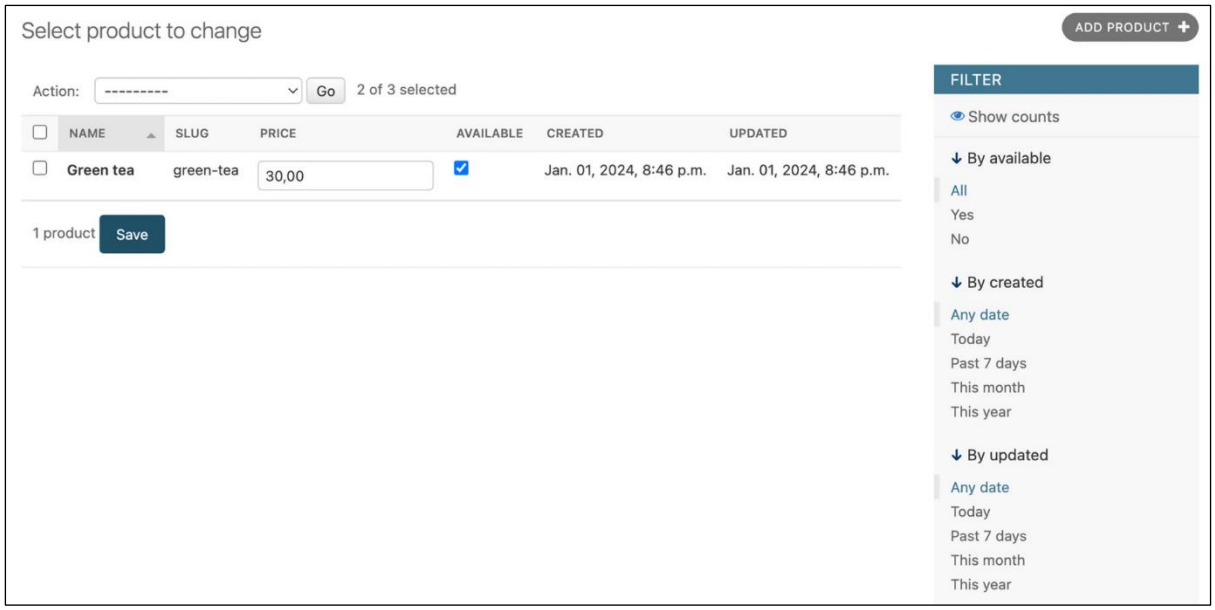
Chapter 8: Building an Online Shop

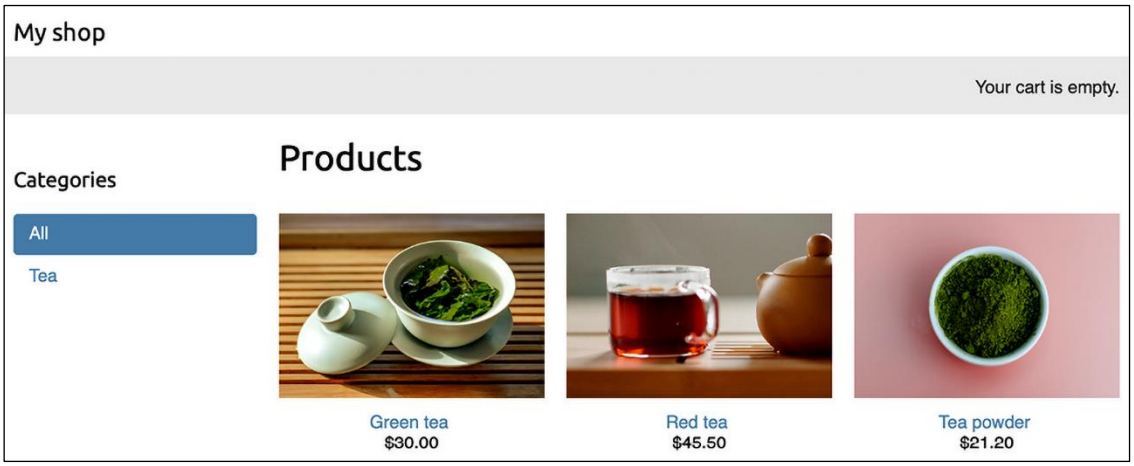





DB TABLE
DB TABLE
shop_category
id integer Primary Key
title varchar(200)
slug varchar(200)
1
N
shop_product
id integer Primary Key
category_id integer Foreign Key
name varchar(200)
slug varchar(200)
image varchar(100)
description text
price decimal
available bool
created datetimte
updated datetime


Add product
Category:
Tea
Name:
Green tea
Slug:
green-tea
Image:
Choose file
No file chosen
Description:
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
Price:
Available
SAVE
Save and add another
Save and continue editing


Select product to change
ADD PRODUCT +
Action: --------- Go 2 of 3 selected
NAME SLUG PRICE AVAILABLE CREATED UPDATED
Green tea green-tea 30,00 Jan. 01, 2024, 8:46 p.m. Jan. 01, 2024, 8:46 p.m.
1 product Save
FILTER
Show counts
By available
All
Yes
No
By created
Any date
Today
Past 7 days
This month
This year
By updated
Any date
Today
Past 7 days
This month
This year


My shop
Your cart is empty.
Categories
All
Tea
Products
Green tea
$30.00
Red tea
$45.50
Tea powder
$21.20


NO IMAGE AVAILABLE
Green tea
$30.00
Red tea
$45.50
Tea powder
$21.20

My shop

Your cart is empty.



Red tea

Tea

$45.50

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

My shop

Your cart is empty.



Red tea

Tea

$45.50

Quantity: 1 Add to cart

Your shopping cart

Image	Product	Quantity	Remove	Unit price	Price
	Red tea	2	Remove	$45.50	$91.00
Total					**$91.00**

Continue shopping Checkout

Your shopping cart

Image	Product	Quantity	Remove	Unit price	Price
	Red tea	2 Update	Remove	$45.50	$91.00
Total					$91.00

Continue shopping Checkout

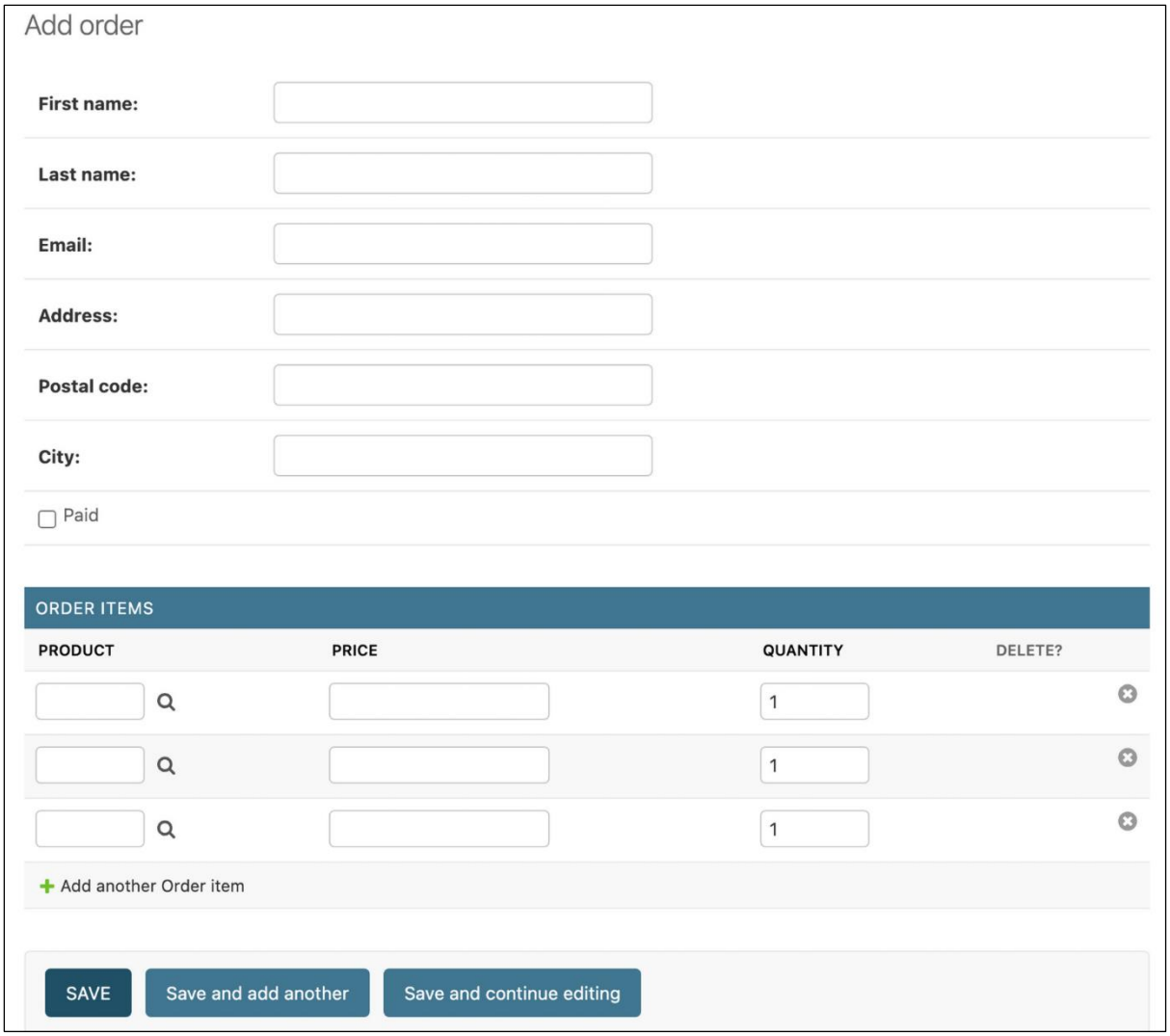
My shop

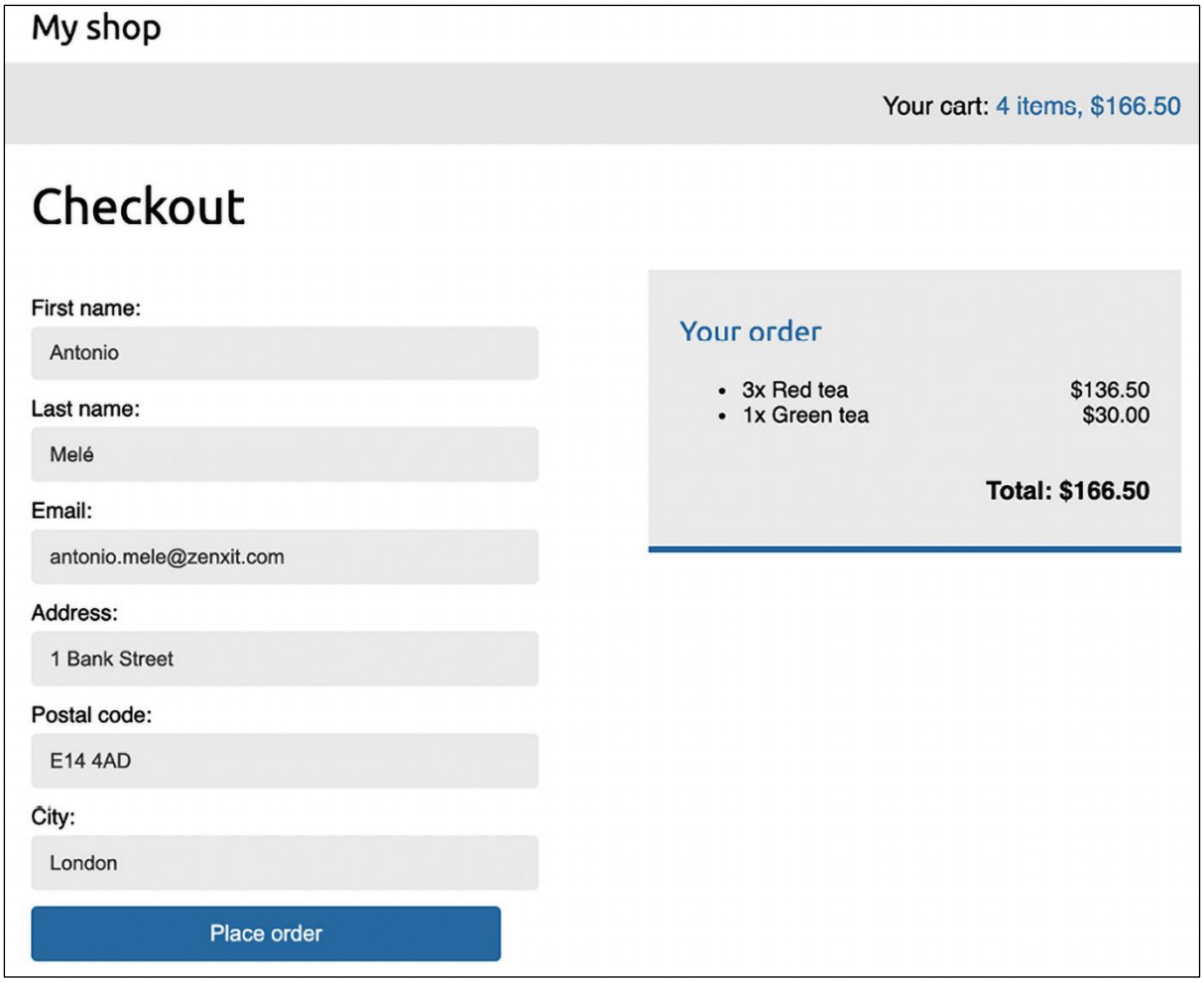
Your cart: 3 items, $121.00

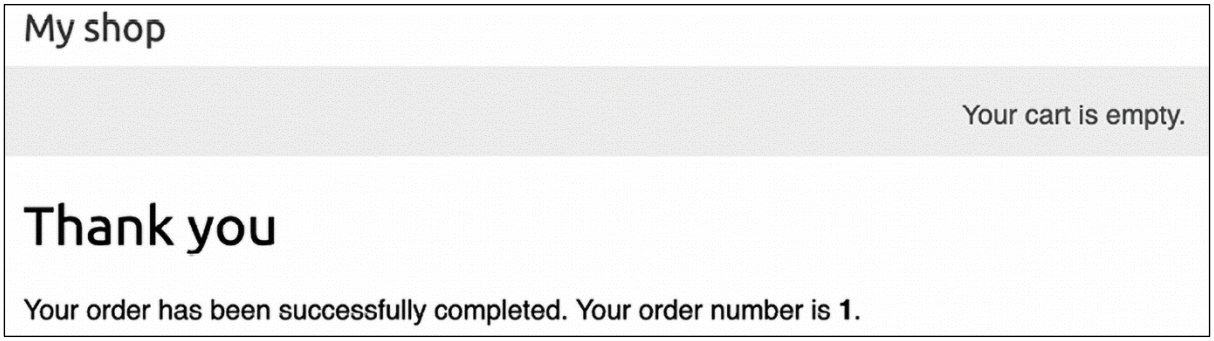
Your shopping cart

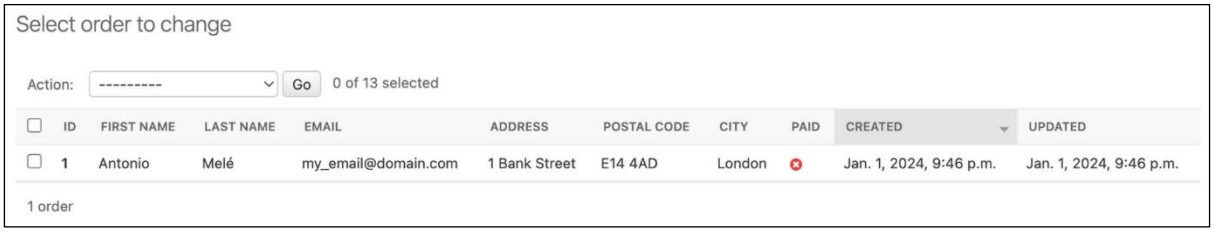
Image	Product	Quantity	Remove	Unit price	Price
	Green tea	1 Update	Remove	$30.00	$30.00
	Red tea	2 Update	Remove	$45.50	$91.00
Total					$121.00

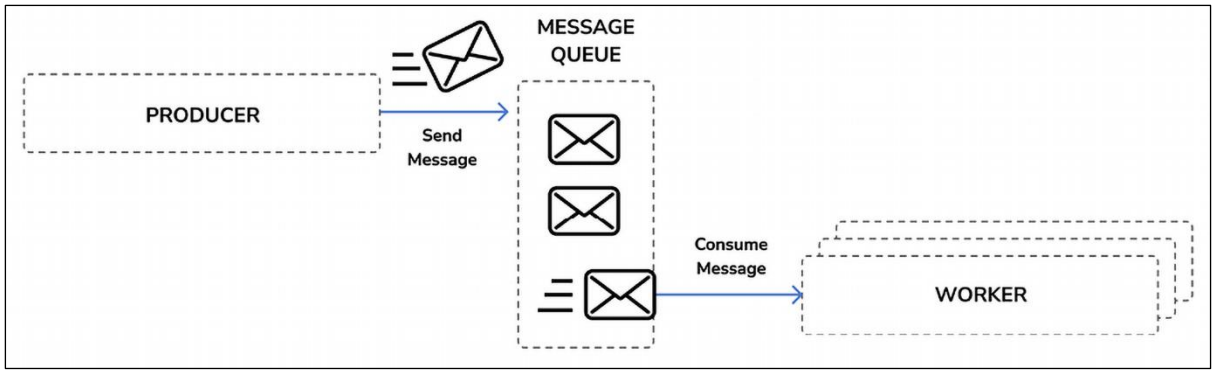
Continue shopping Checkout

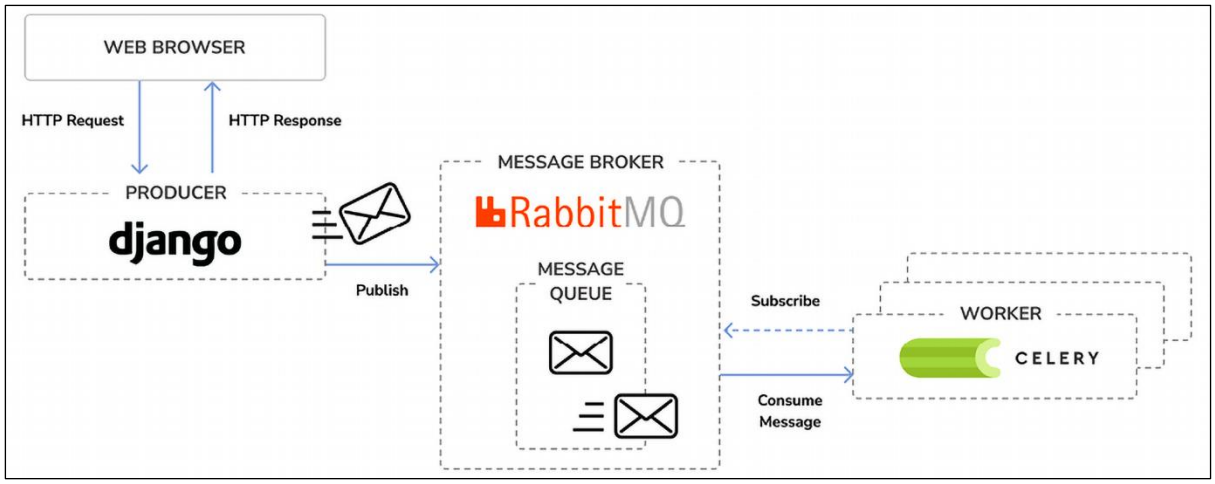

Add order
First name:
Last name:
Email:
Address:
Postal code:
City:
Paid
ORDER ITEMS
PRODUCT
PRICE
QUANTITY
DELETE?
1
1
1
Add another Order item
SAVE
Save and add another
Save and continue editing

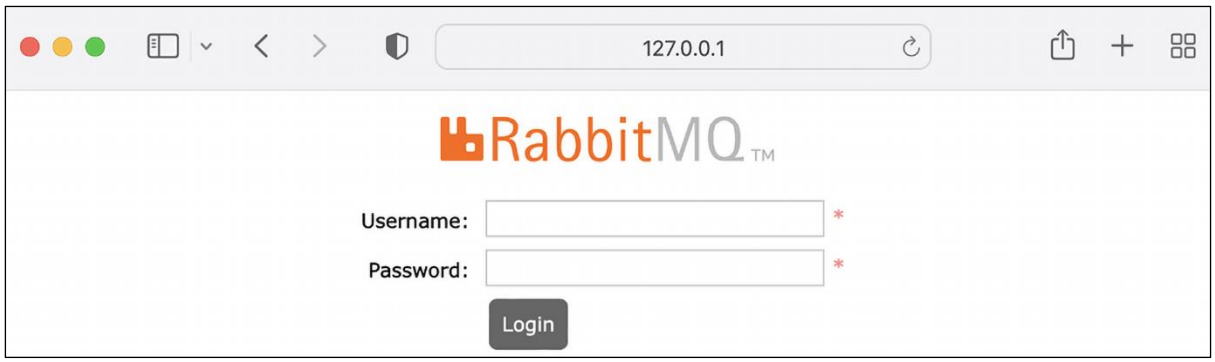

My shop
Your cart: 4 items, $166.50
Checkout
First name:
Antonio
Last name:
Melé
Email:
antonio.mele@zenxit.com
Address:
1 Bank Street
Postal code:
E14 4AD
City:
London
Place order
Your order
3x Red tea $136.50
1x Green tea $30.00
Total: $166.50

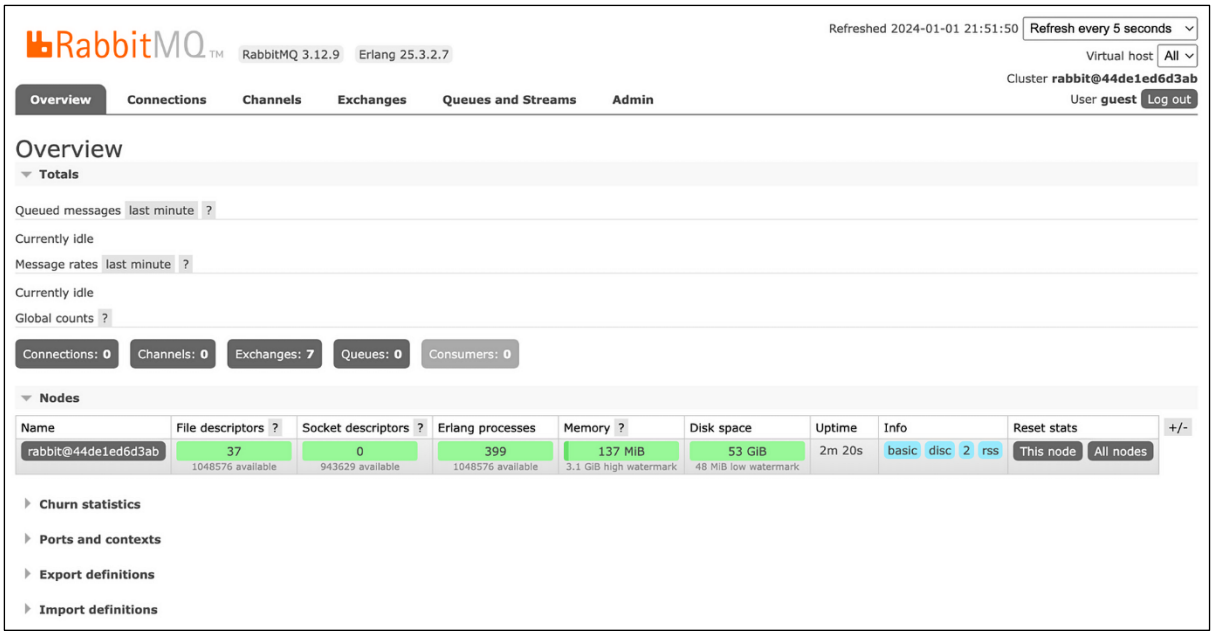

My shop
Your cart is empty.
Thank you
Your order has been successfully completed. Your order number is 1.

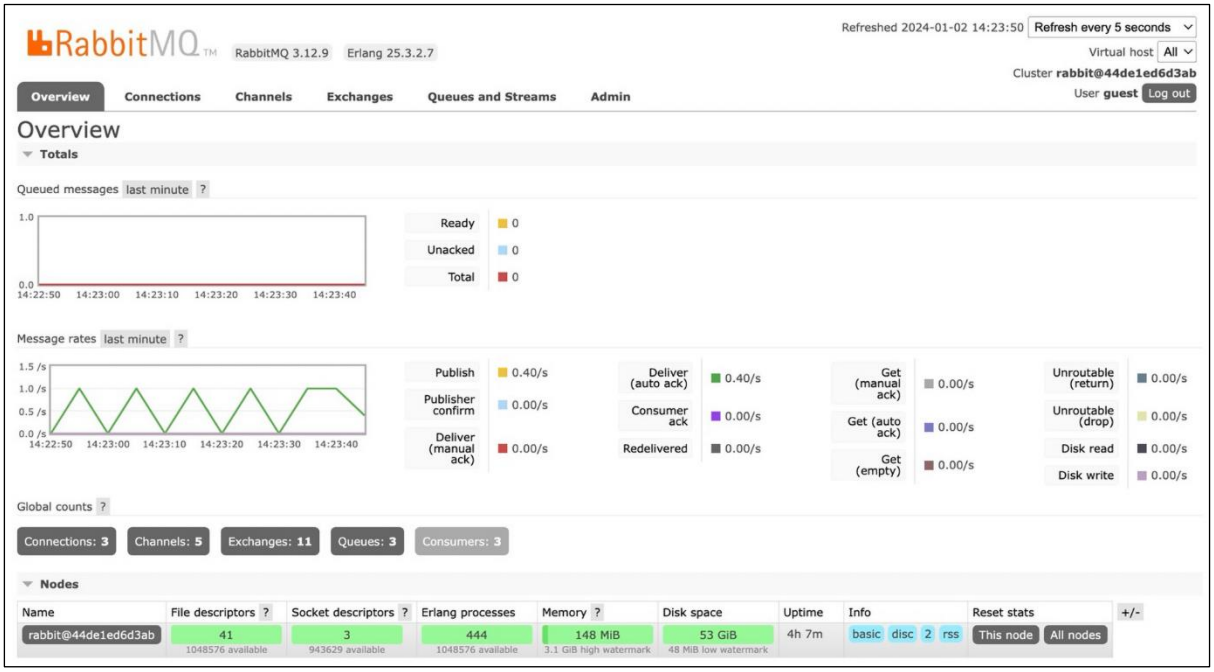

Select order to change
Action: --------- Go 0 of 13 selected
ID FIRST NAME LAST NAME EMAIL ADDRESS POSTAL CODE CITY PAID CREATED UPDATED
1 Antonio Melé my_email@domain.com 1 Bank Street E14 4AD London Jan. 1, 2024, 9:46 p.m. Jan. 1, 2024, 9:46 p.m.
1 order

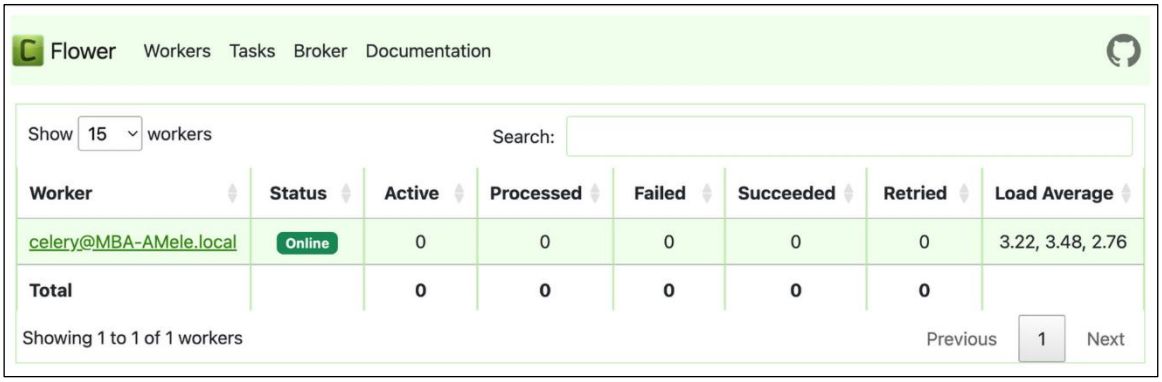

MESSAGE
QUEUE
PRODUCER
Send
Message
Consume
Message
WORKER

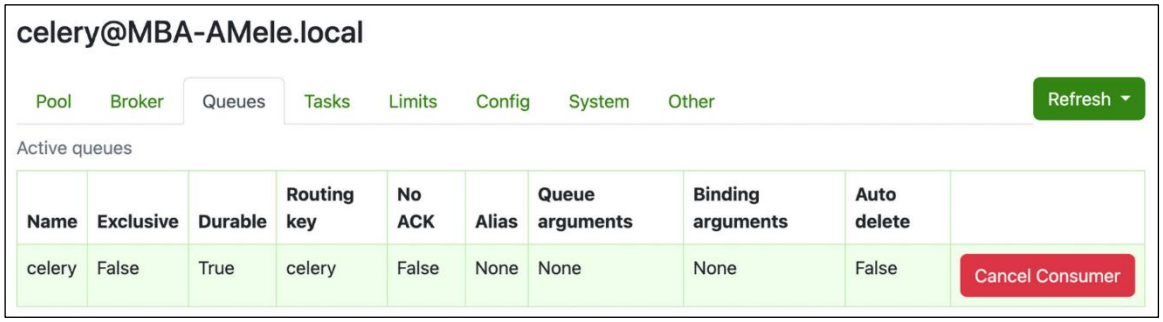

WEB BROWSER
HTTP Request
HTTP Response
MESSAGE BROKER
PRODUCER
RabbitMQ
django
MESSAGE
QUEUE
Publish
Subscribe
WORKER
CELERY
Consume
Message


127.0.0.1
RabbitMQ TM
Username:
Password:
Login

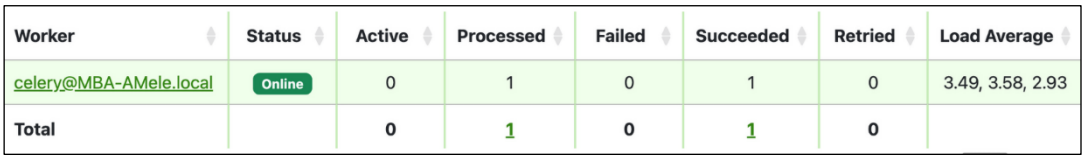

RabbitMQ
RabbitMQ 3.12.9
Erlang 25.3.2.7
Refreshed 2024-01-01 21:51:50
Refresh every 5 seconds
Virtual host All
Cluster rabbit@44de1ed6d3ab
User guest Log out
Overview Connections Channels Exchanges Queues and Streams Admin
Overview
Totals
Queued messages last minute ?
Currently idle
Message rates last minute ?
Currently idle
Global counts ?
Connections: 0 Channels: 0 Exchanges: 7 Queues: 0 Consumers: 0
Nodes
Name File descriptors ? Socket descriptors ? Erlang processes Memory ? Disk space Uptime Info Reset stats +/-
rabbit@44de1ed6d3ab 37 1048576 available 0 943629 available 399 1048576 available 137 MiB 3.1 GiB high watermark 53 GiB 48 MiB low watermark 2m 20s basic disc 2 rss This node All nodes
Churn statistics
Ports and contexts
Export definitions
Import definitions

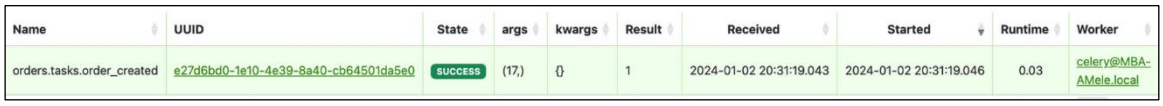

RabbitMQ
RabbitMQ 3.12.9
Erlang 25.3.2.7
Refreshed 2024-01-02 14:23:50
Refresh every 5 seconds
Virtual host All
Cluster rabbit@44de1ed6d3ab
User guest Log out
Overview Connections Channels Exchanges Queues and Streams Admin
Overview
Totals
Queued messages last minute ?
1.0
0.0
14:22:50 14:23:00 14:23:10 14:23:20 14:23:30 14:23:40
Ready 0
Unacked 0
Total 0
Message rates last minute ?
1.5 /s
1.0 /s
0.5 /s
0.0 /s
14:22:50 14:23:00 14:23:10 14:23:20 14:23:30 14:23:40
Publish 0.40/s
Publisher confirm 0.00/s
Deliver (manual ack) 0.00/s
Deliver (auto ack) 0.40/s
Consumer ack 0.00/s
Redelivered 0.00/s
Get (manual ack) 0.00/s
Get (auto ack) 0.00/s
Get (empty) 0.00/s
Unroutable (return) 0.00/s
Unroutable (drop) 0.00/s
Disk read 0.00/s
Disk write 0.00/s
Global counts ?
Connections: 3 Channels: 5 Exchanges: 11 Queues: 3 Consumers: 3
Nodes
Name File descriptors ? Socket descriptors ? Erlang processes Memory ? Disk space Uptime Info Reset stats +/-
rabbit@44de1ed6d3ab 41 1048576 available 3 943629 available 444 1048576 available 148 MiB 3.1 GiB high watermark 53 GiB 48 MiB low watermark 4h 7m basic disc 2 rss This node All nodes

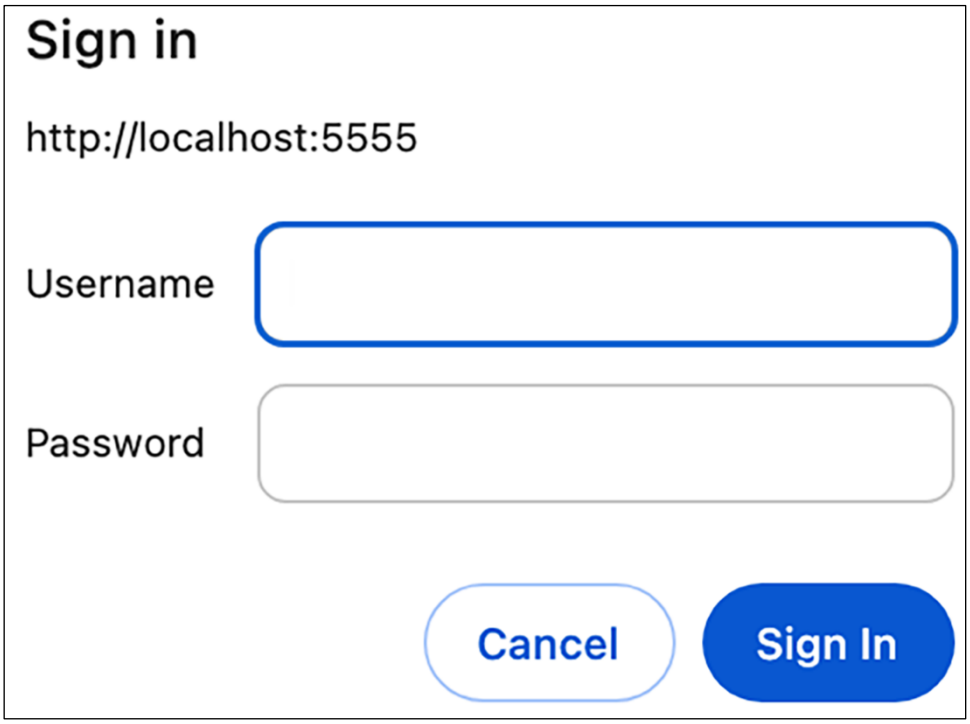

Flower
Workers Tasks Broker Documentation
Show 15 workers
Search:
Worker Status Active Processed Failed Succeeded Retried Load Average
celery@MBA-AMele.local Online 0 0 0 0 0 3.22, 3.48, 2.76
Total 0 0 0 0 0
Showing 1 to 1 of 1 workers
Previous 1 Next


celery@MBA-AMele.local
Pool
Broker
Queues
Tasks
Limits
Config
System
Other
Refresh
Active queues
Name
Exclusive
Durable
Routing key
No ACK
Alias
Queue arguments
Binding arguments
Auto delete
celery
False
True
celery
False
None
None
None
False
Cancel Consumer

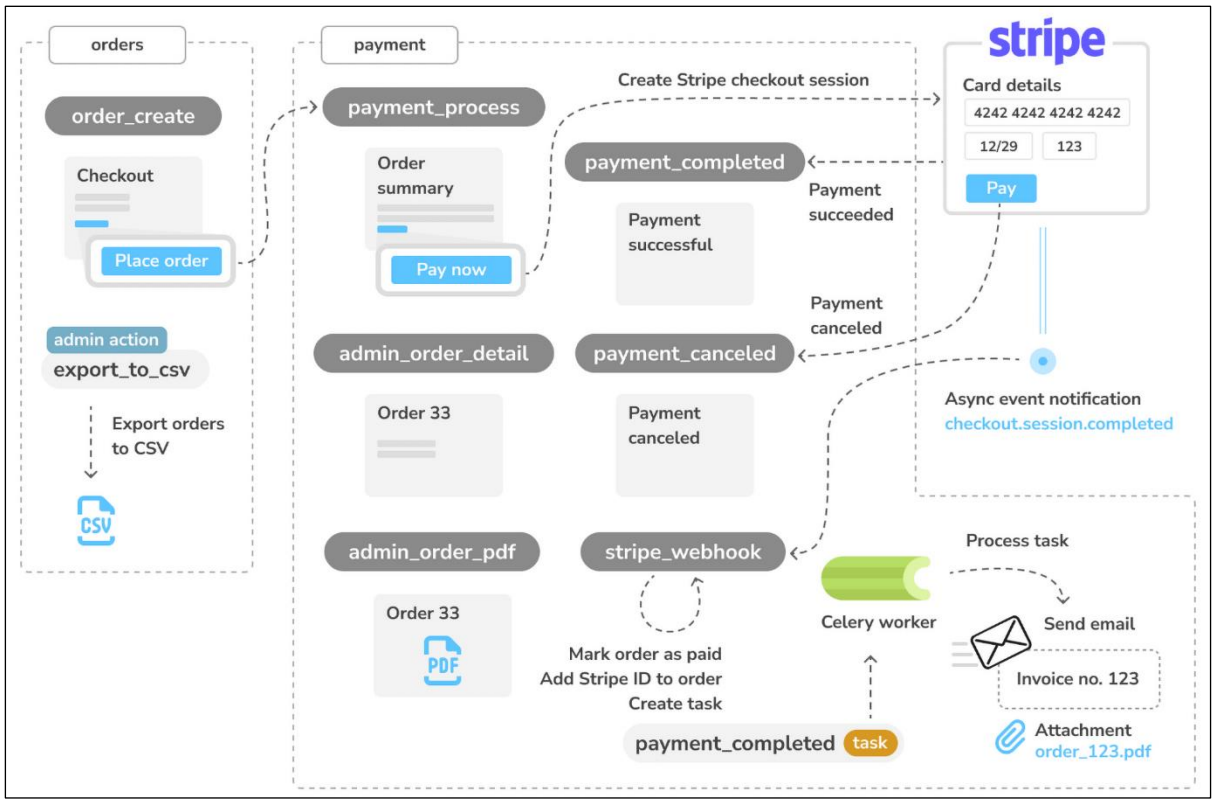

Processed tasks
orders.tasks.order_created
1

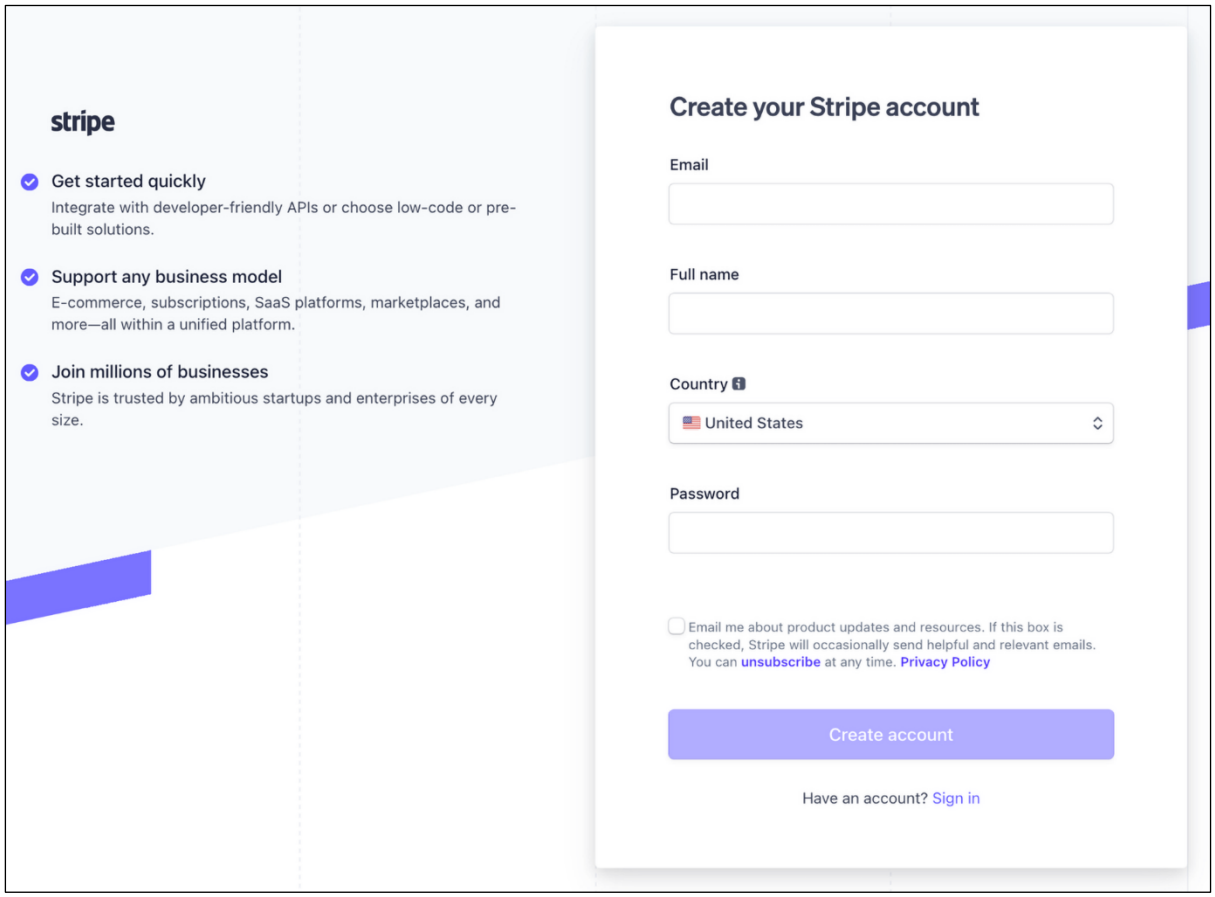

Worker
Status
Active
Processed
Failed
Succeeded
Retried
Load Average
celery@MBA-AMele.local
Online
0
1
0
1
0
3.49, 3.58, 2.93
Total
0
1
0
1
0


Name
UUID
State
args
kwargs
Result
Received
Started
Runtime
Worker
orders.tasks.order_created
e27d6bd0-1e10-4e39-8a40-cb64501da5e0
SUCCESS
(17,)
{}
1
2024-01-02 20:31:19.043
2024-01-02 20:31:19.046
0.03
celery@MBA-AMele.local


Sign in
http://localhost:5555
Username
Password
Cancel
Sign In

Chapter 9: Managing Payments and Orders



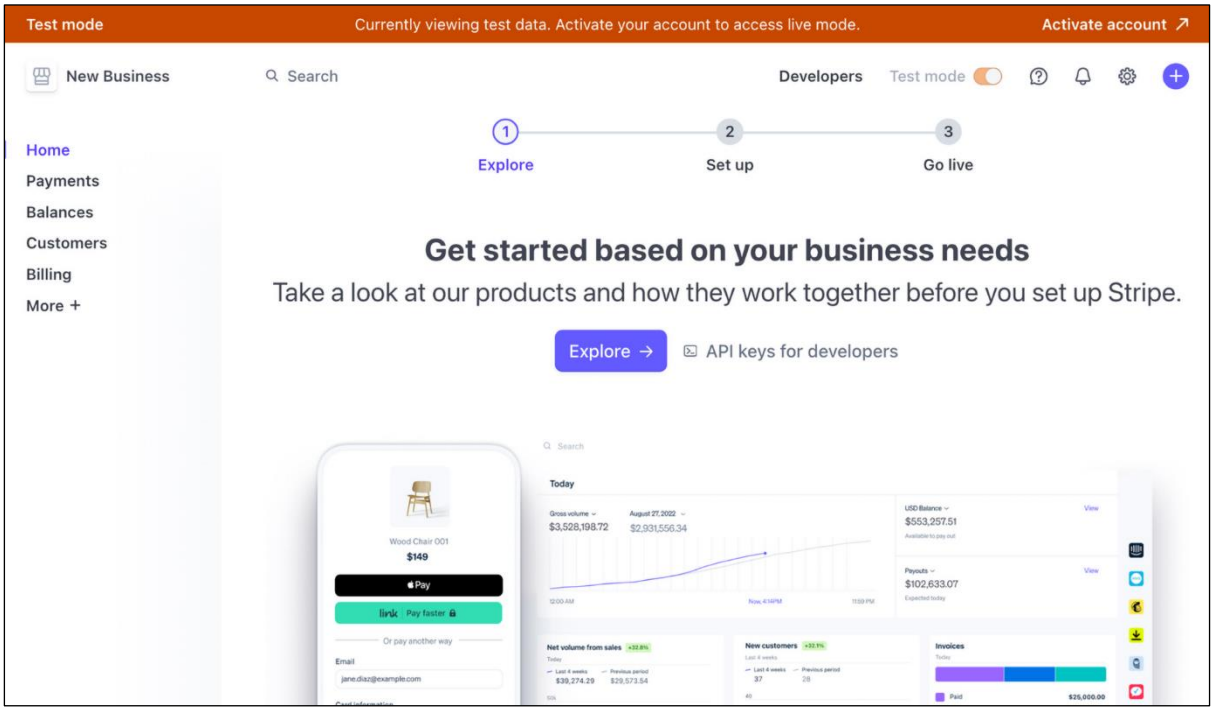


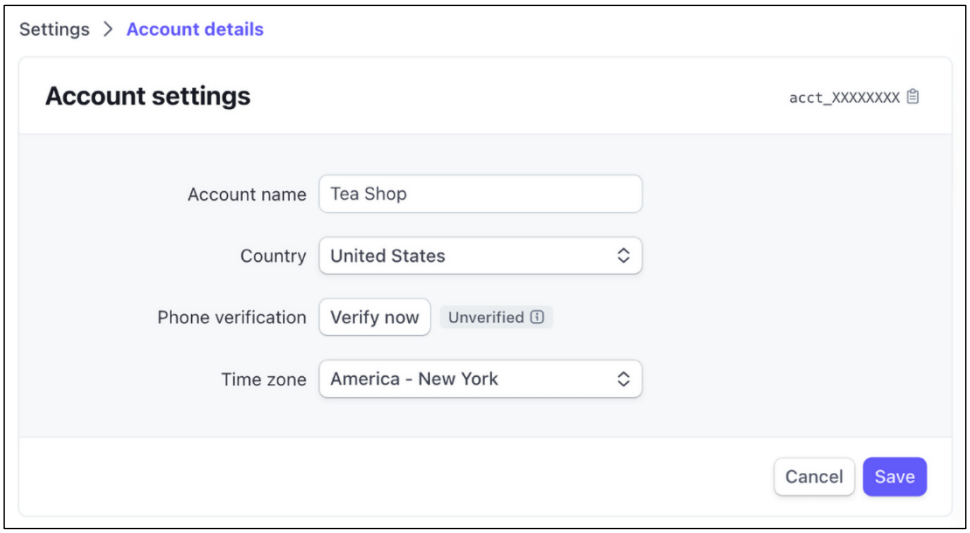
stripe

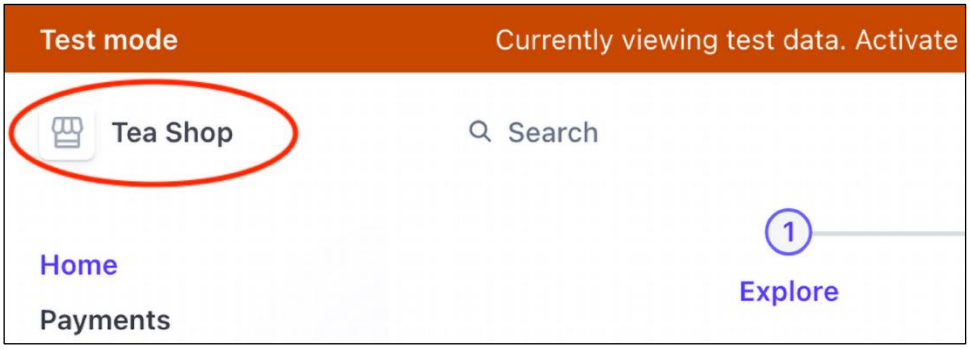
Thanks for creating a Stripe account. Verify your email so you can get up and running quickly.

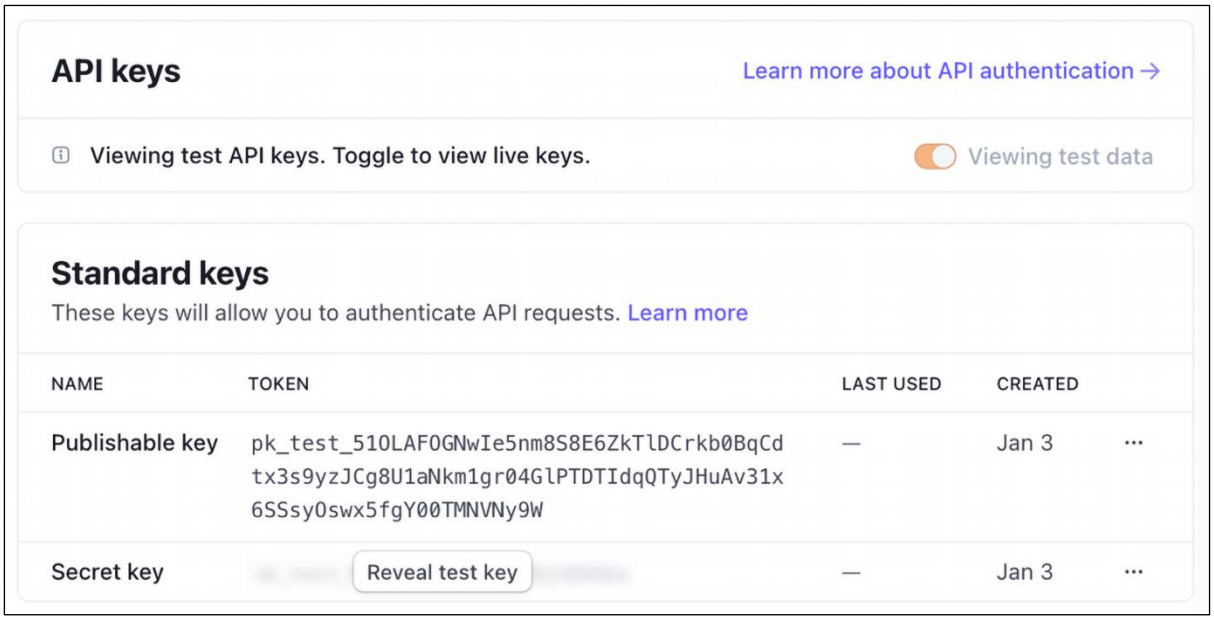
Verify email

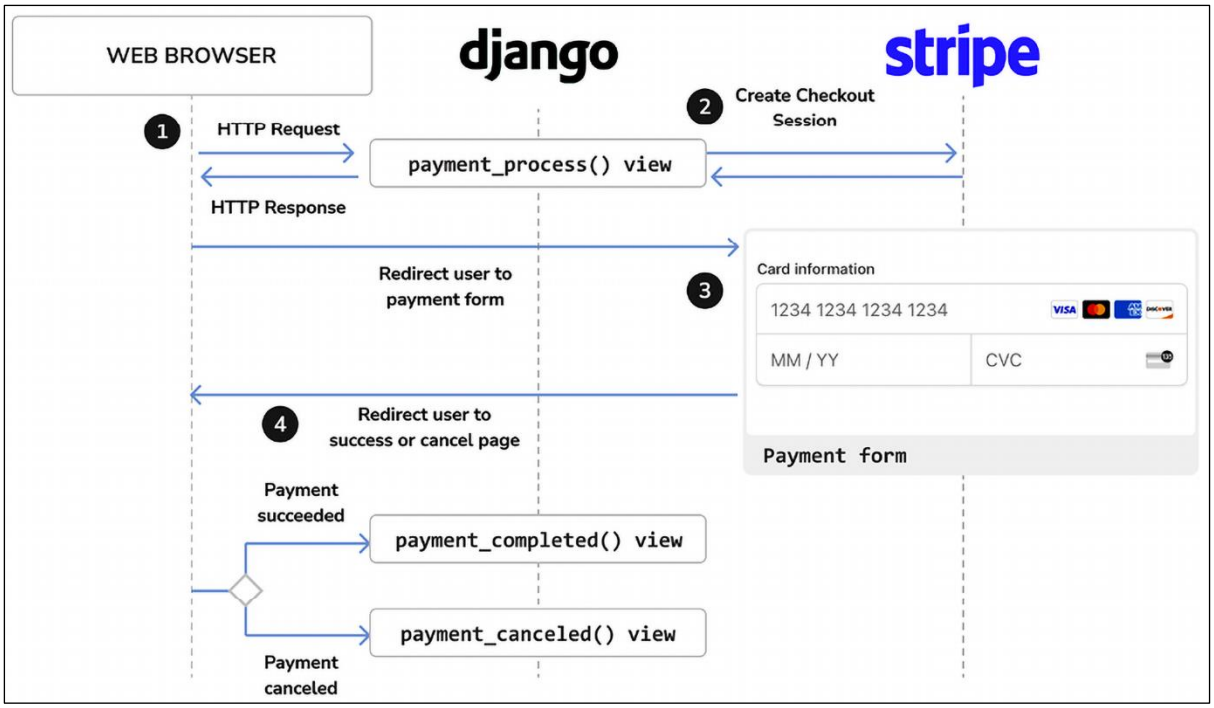
Once your email is verified, we'll guide you to complete your account application. **Visit our support site** if you have questions or need help.




Settings > Account details
Account settings
acct_XXXXXXXX
Account name
Tea Shop
Country
United States
Phone verification
Verify now
Unverified
Time zone
America - New York
Cancel
Save


Test mode
Currently viewing test data. Activate
Tea Shop
Search
1
Home
Explore
Payments


API keys
Learn more about API authentication →
Viewing test API keys. Toggle to view live keys.
Viewing test data
Standard keys
These keys will allow you to authenticate API requests. Learn more
NAME
TOKEN
LAST USED
CREATED
Publishable key
pk_test_51OLAFOGNwIe5nm8S8E6ZkTlDCrkb0BqCd
tx3s9yzJCg8U1aNkm1gr04GlPTDTIdqQTyJHuAv31x
6SSsyOswx5fgY00TMNVNy9W
—
Jan 3
Secret key
Reveal test key
—
Jan 3

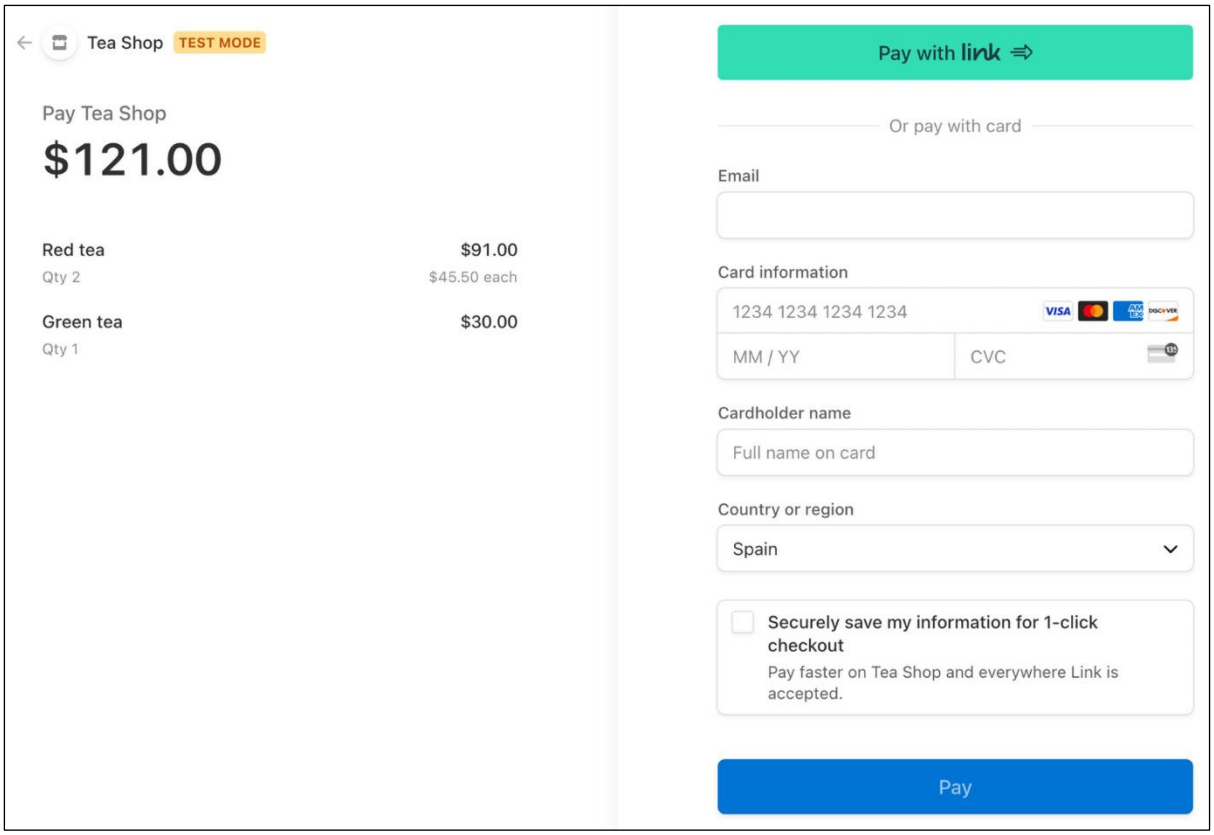


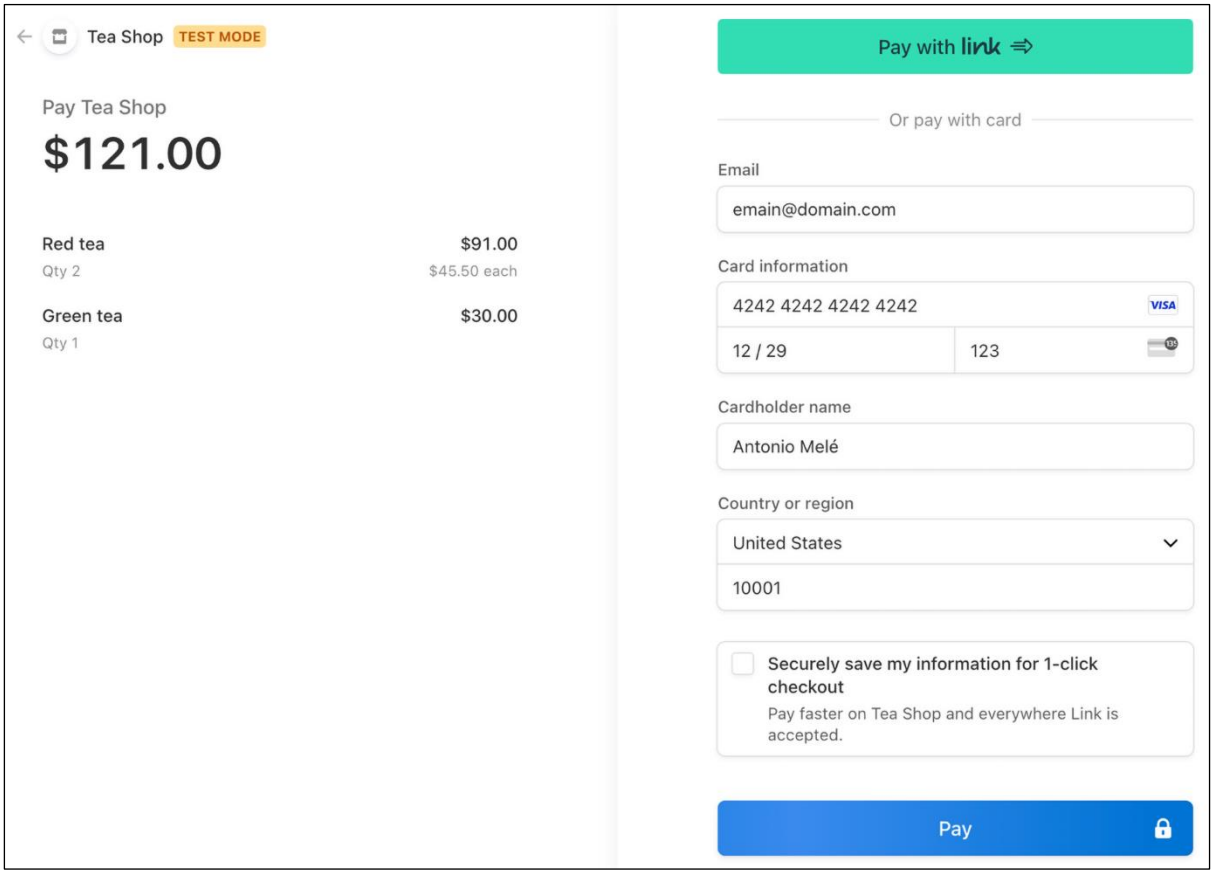
My shop

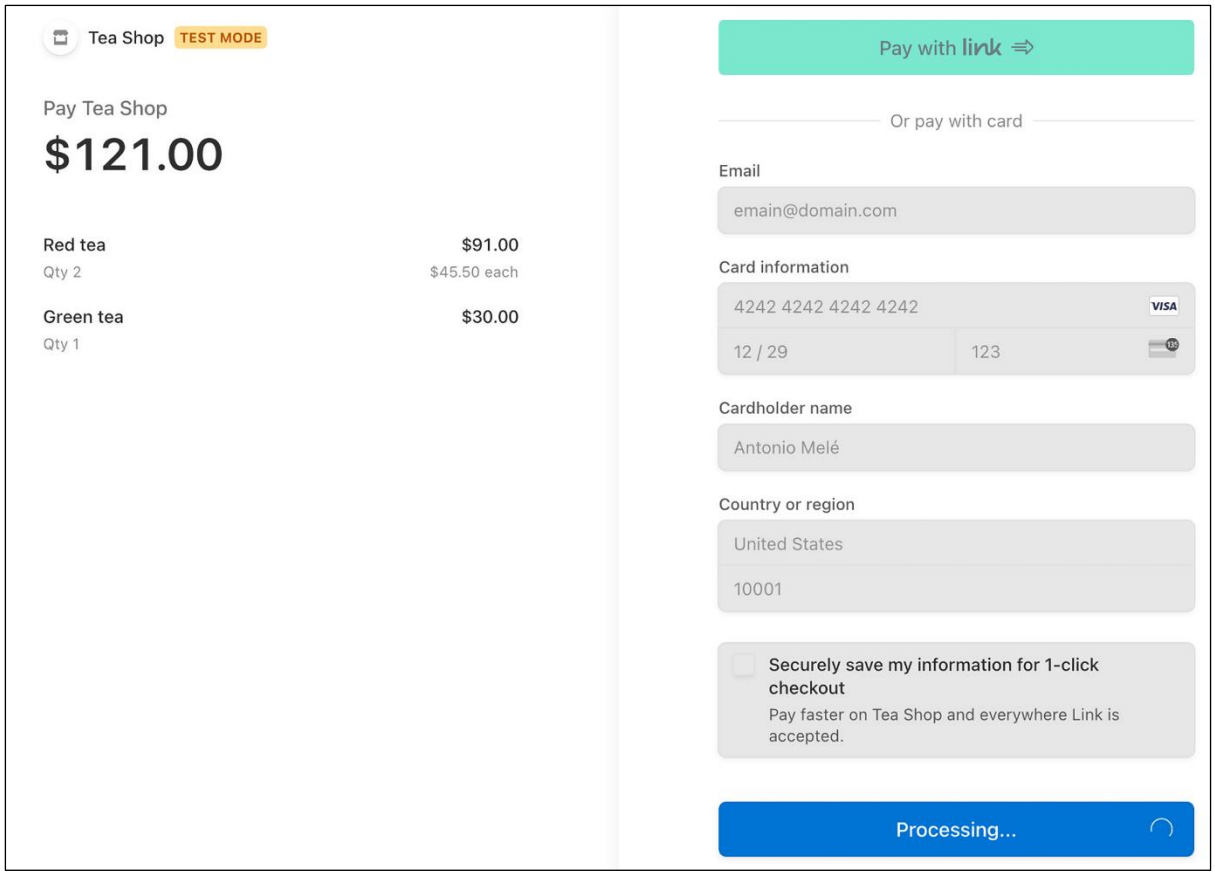
Order summary

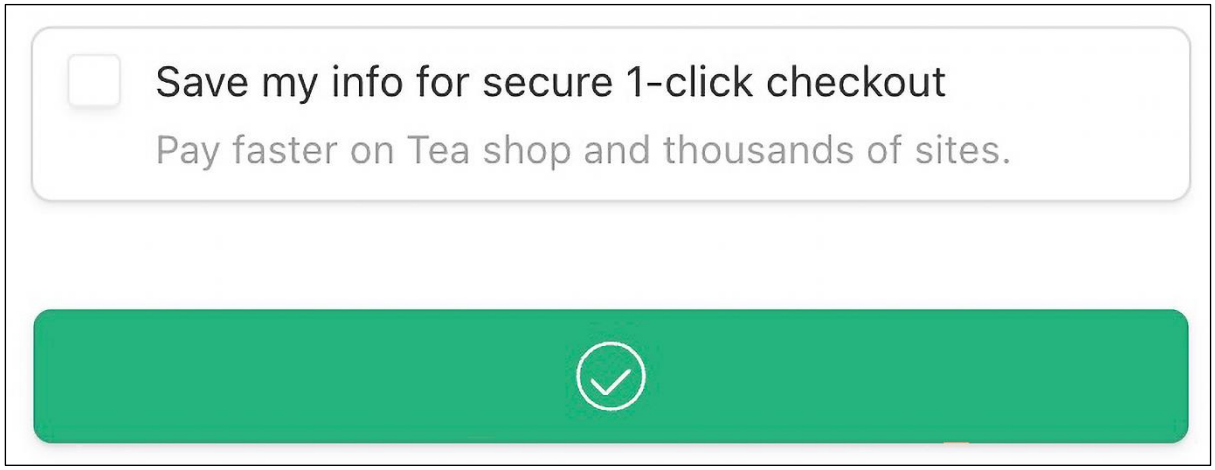
Image	Product	Price	Quantity	Total
	Green tea	$30.00	1	$30.00
	Red tea	$45.50	2	$91.00
Total				**$121.00**

Pay now

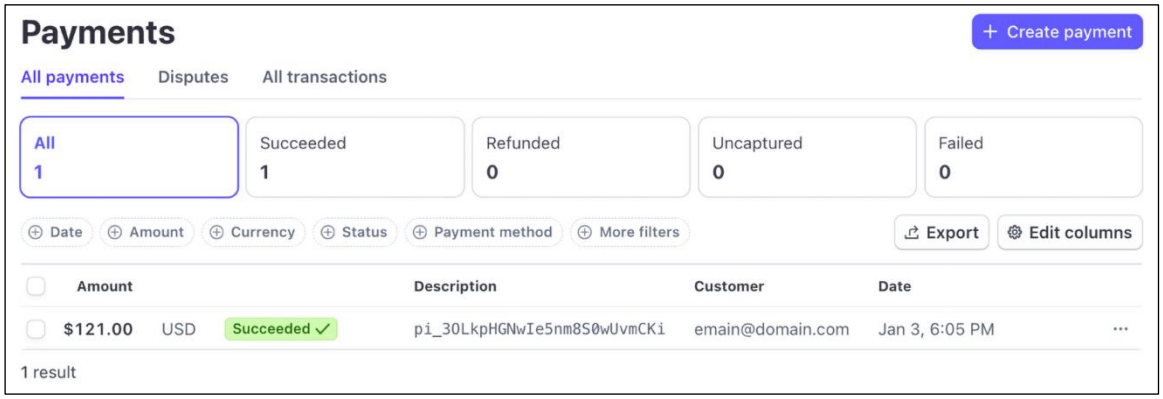

Tea Shop
TEST MODE
Pay Tea Shop
$121.00
Red tea
Qty 2
$91.00
$45.50 each
Green tea
Qty 1
$30.00
Pay with link
Or pay with card
Email
Card information
1234 1234 1234 1234
MM / YY
CVC
Cardholder name
Full name on card
Country or region
Spain
Securely save my information for 1-click checkout
Pay faster on Tea Shop and everywhere Link is accepted.
Pay


Tea Shop
TEST MODE
Pay Tea Shop
$121.00
Red tea
Qty 2
$91.00
$45.50 each
Green tea
Qty 1
$30.00
Pay with link
Or pay with card
Email
emain@domain.com
Card information
4242 4242 4242 4242
12 / 29
123
Cardholder name
Antonio Melé
Country or region
United States
10001
Securely save my information for 1-click checkout
Pay faster on Tea Shop and everywhere Link is accepted.
Pay


Tea Shop
TEST MODE
Pay Tea Shop
$121.00
Red tea
Qty 2
$91.00
$45.50 each
Green tea
Qty 1
$30.00
Pay with link
Or pay with card
Email
emain@domain.com
Card information
4242 4242 4242 4242
12 / 29
123
Cardholder name
Antonio Melé
Country or region
United States
10001
Securely save my information for 1-click checkout
Pay faster on Tea Shop and everywhere Link is accepted.
Processing...


Save my info for secure 1-click checkout
Pay faster on Tea shop and thousands of sites.


My shop
Your payment was successful
Your payment has been processed successfully.


Payments
Create payment
All payments
Disputes
All transactions
All
1
Succeeded
1
Refunded
0
Uncaptured
0
Failed
0
Date
Amount
Currency
Status
Payment method
More filters
Export
Edit columns
Amount
Description
Customer
Date
$121.00
USD
Succeeded
pi_3OLkpHGNwIe5nm8S0wUvmCKi
emain@domain.com
Jan 3, 6:05 PM
1 result

PAYMENT

pi_3OLkpHGNwIe5nm8S0wUvmCKi

$121.00 USD Succeeded ✓

Refund ···

Last update	Customer	Payment method	Risk evaluation
Jan 3, 6:05 PM	Antonio Melé Guest	VISA •••• 4242	54 Normal

Timeline

+ Add note

- Payment succeeded
  Dec 10, 2023, 6:05 AM
- Payment started
  Dec 10, 2023, 6:05 AM

Checkout summary

Customer	Antonio Melé 10001 US

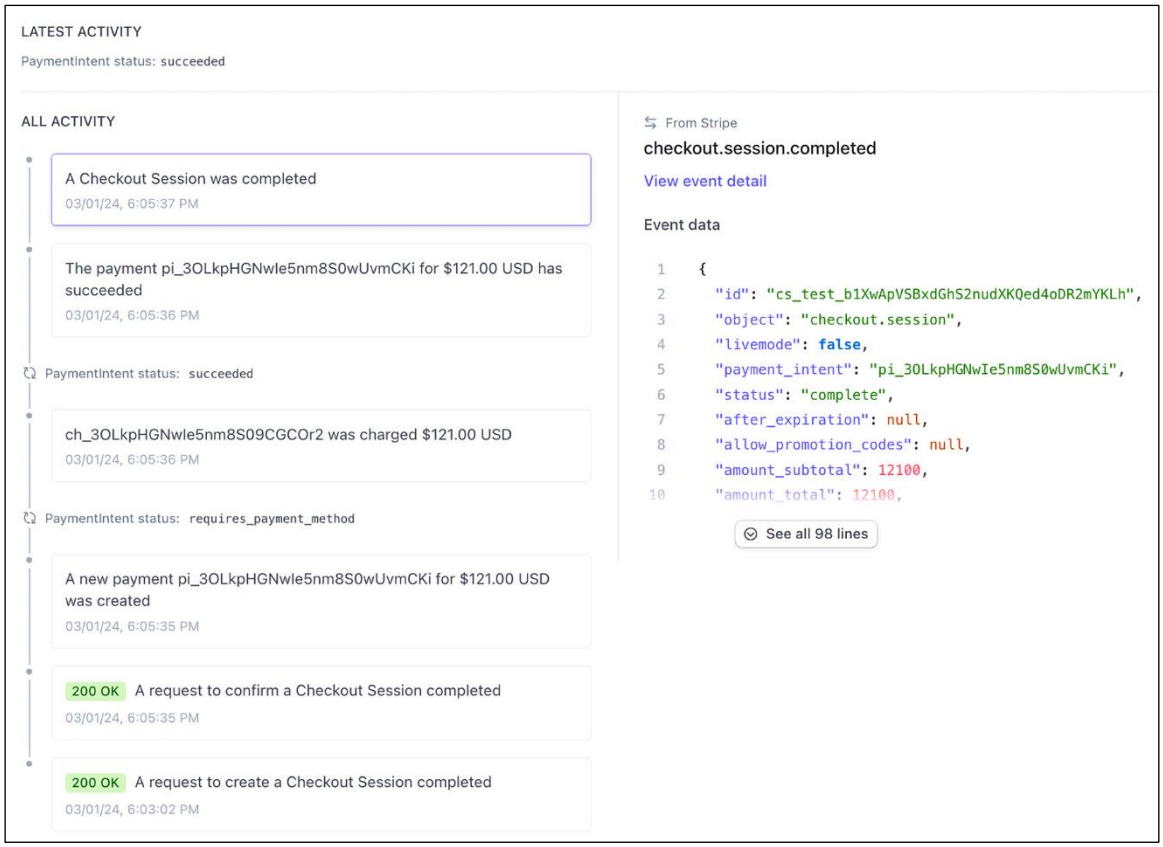
ITEMS	QTY	UNIT PRICE	AMOUNT
Red tea	2	$45.50	$91.00
Green tea	1	$30.00	$30.00
		Total	**$121.00**

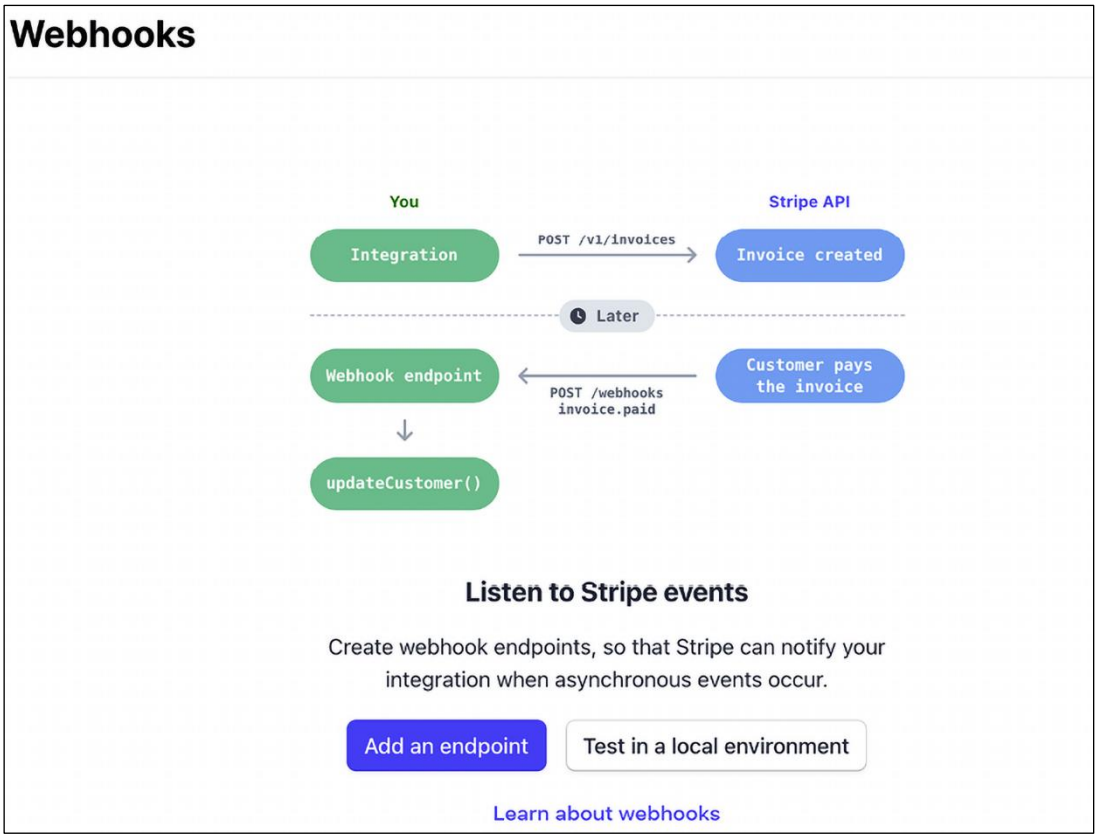
Payment details

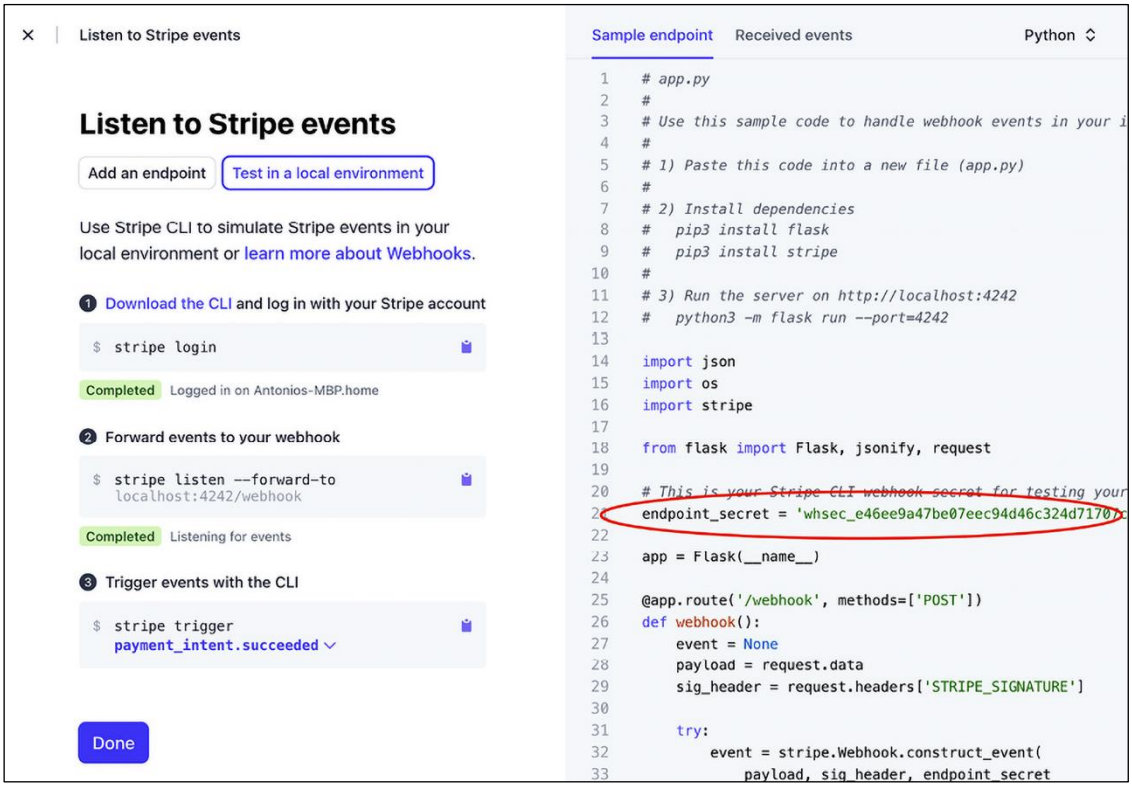
Statement descriptor	Stripe
Amount	$121.00
Fee	$3.81 ⓘ
Net	$117.19
Status	Succeeded
Description	No description Edit

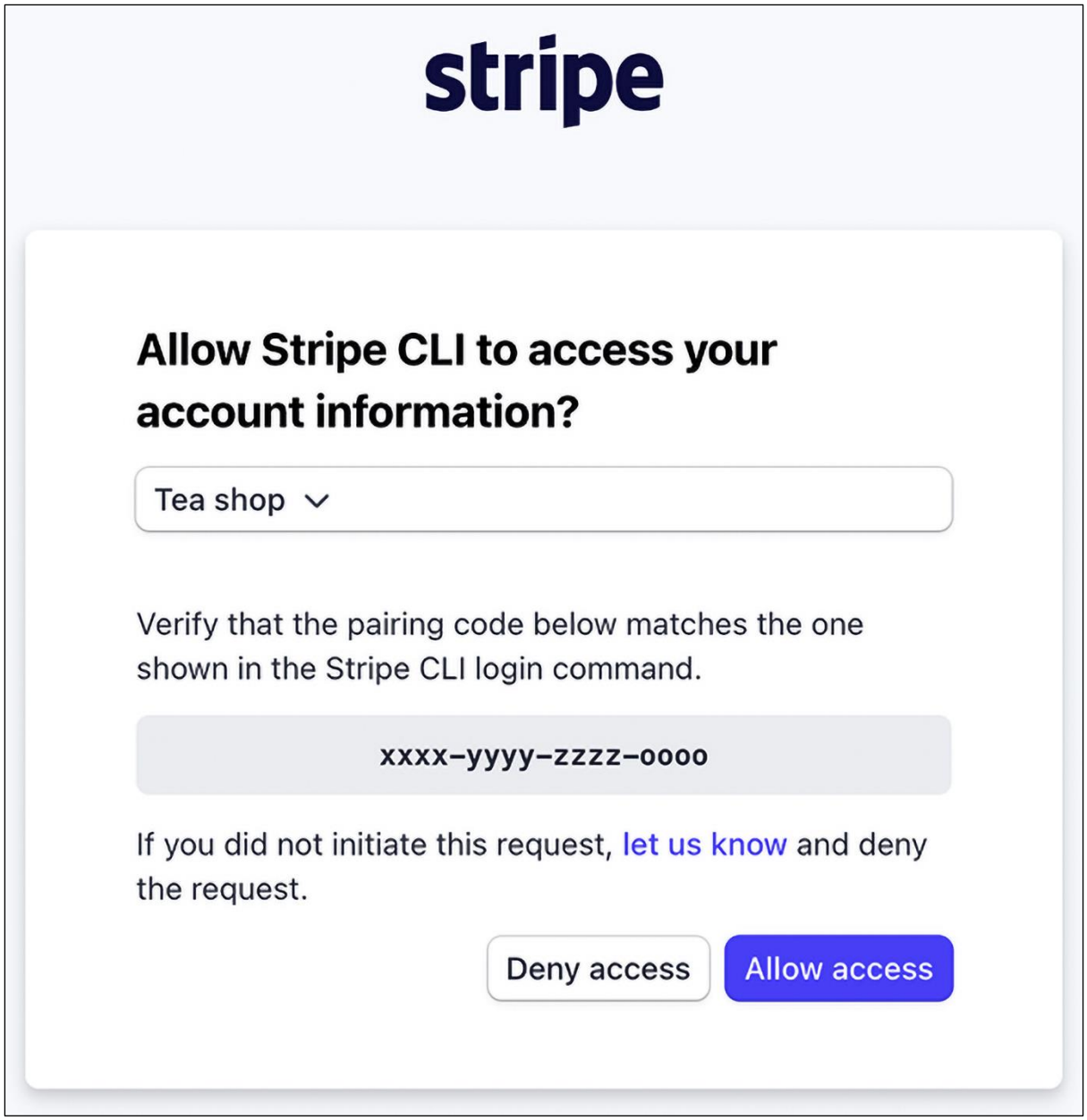
Payment method

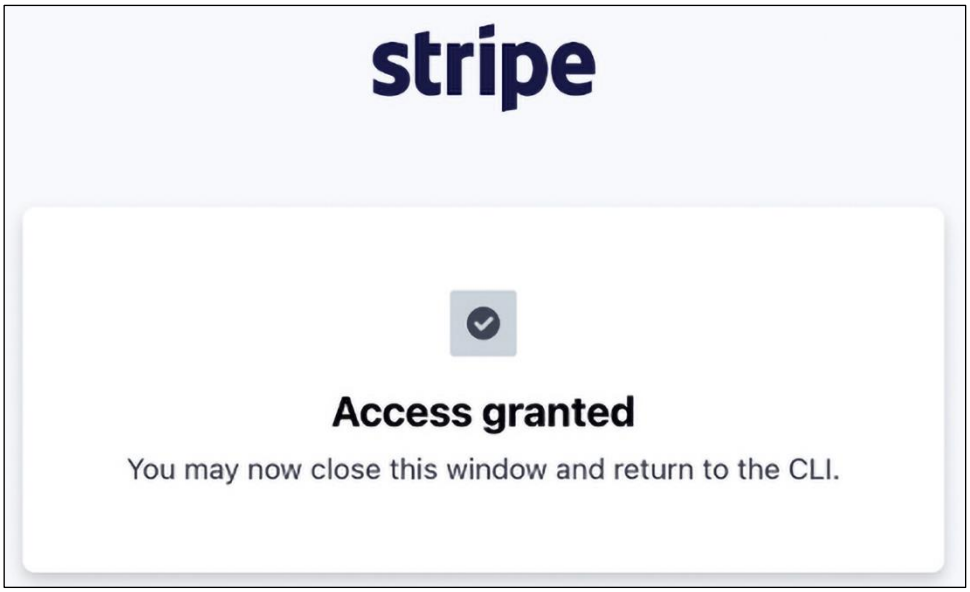
ID	pm_1OLkpGGNwIe5nm8SJKxf0BZf	Owner	Antonio Melé
Number	•••• 4242	Owner email	emain@domain.com
Fingerprint	mK5rhbAHK7rbhX7k	Address	10001, US
Expires	12 / 2029	Origin	United States
Type	Visa credit card	CVC check	Passed
Issuer	Stripe Payments UK Limited	Zip check	Passed

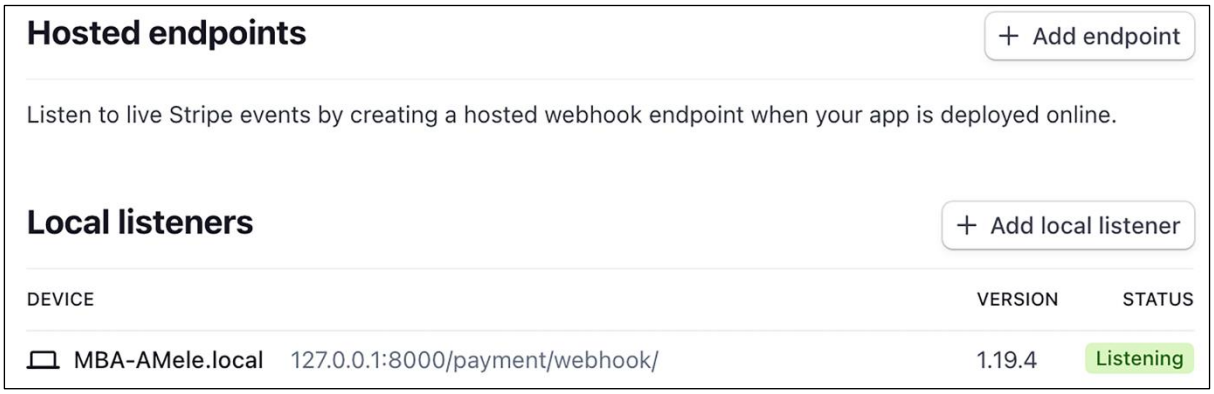


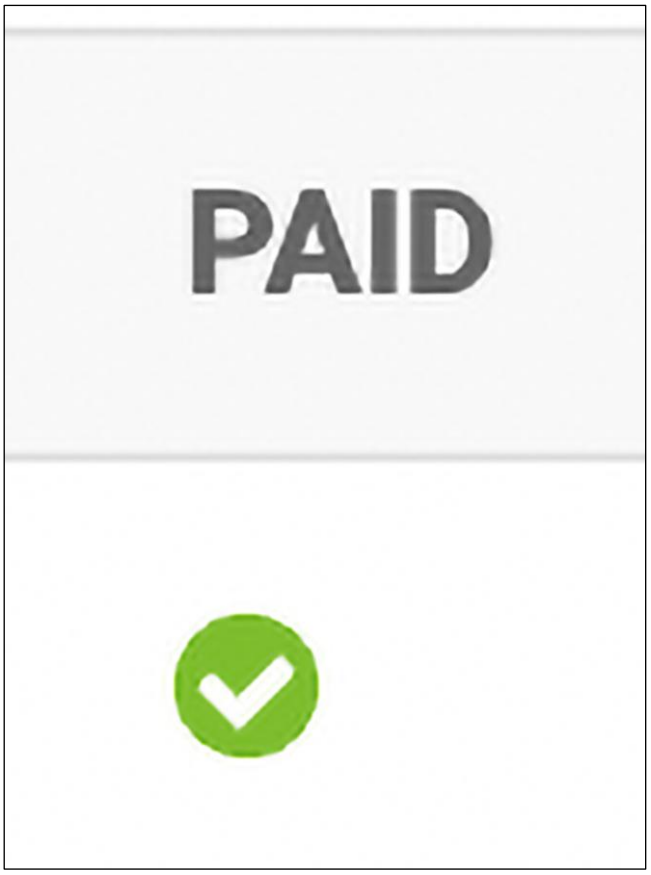

Webhooks
You
Stripe API
Integration
POST /v1/invoices
Invoice created
Later
Webhook endpoint
POST /webhooks
invoice.paid
Customer pays the invoice
updateCustomer()
Listen to Stripe events
Create webhook endpoints, so that Stripe can notify your integration when asynchronous events occur.
Add an endpoint
Test in a local environment
Learn about webhooks


Listen to Stripe events
Listen to Stripe events
Add an endpoint
Test in a local environment
Use Stripe CLI to simulate Stripe events in your local environment or learn more about Webhooks.
1 Download the CLI and log in with your Stripe account
$ stripe login
Completed Logged in on Antonios-MBP.home
2 Forward events to your webhook
$ stripe listen --forward-to localhost:4242/webhook
Completed Listening for events
3 Trigger events with the CLI
$ stripe trigger payment_intent.succeeded
Done
Sample endpoint
Received events
Python
app.py
Use this sample code to handle webhook events in your i
1) Paste this code into a new file (app.py)
2) Install dependencies
pip3 install flask
pip3 install stripe
3) Run the server on http://localhost:4242
python3 -m flask run --port=4242
import json
import os
import stripe
from flask import Flask, jsonify, request
This is your Stripe CLI webhook secret for testing your
endpoint_secret = 'whsec_e46ee9a47be07eec94d46c324d71707
app = Flask(__name__)
@app.route('/webhook', methods=['POST'])
def webhook():
event = None
payload = request.data
sig_header = request.headers['STRIPE_SIGNATURE']
try:
event = stripe.Webhook.construct_event(
payload, sig_header, endpoint_secret


stripe
Allow Stripe CLI to access your account information?
Tea shop
Verify that the pairing code below matches the one shown in the Stripe CLI login command.
xxxx-yyyy-zzzz-oooo
If you did not initiate this request, let us know and deny the request.
Deny access
Allow access

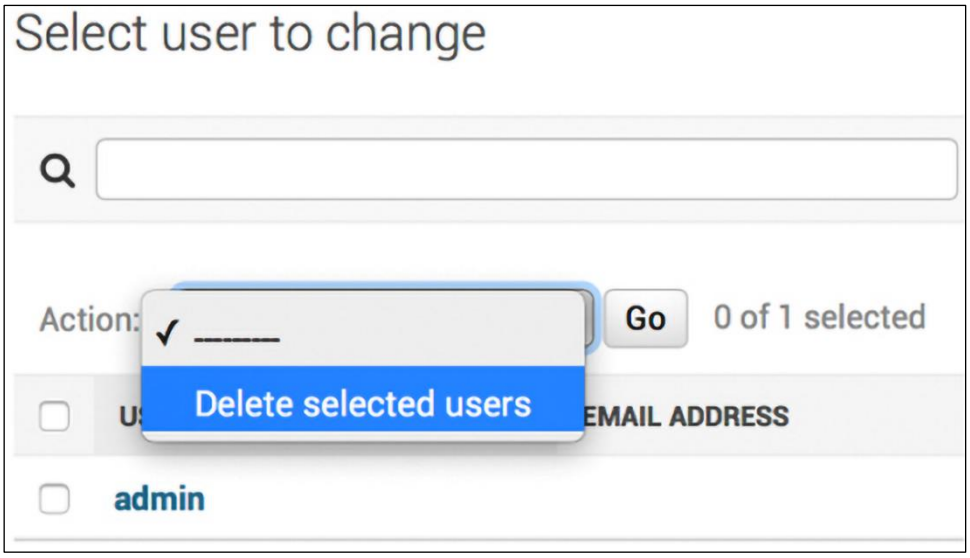

stripe
Access granted
You may now close this window and return to the CLI.


Hosted endpoints
+ Add endpoint
Listen to live Stripe events by creating a hosted webhook endpoint when your app is deployed online.
Local listeners
+ Add local listener
DEVICE
VERSION
STATUS
MBA-AMele.local
127.0.0.1:8000/payment/webhook/
1.19.4
Listening



Stripe id:	pi_3ORvzkGNwIe5nm8S1wVd7l7i

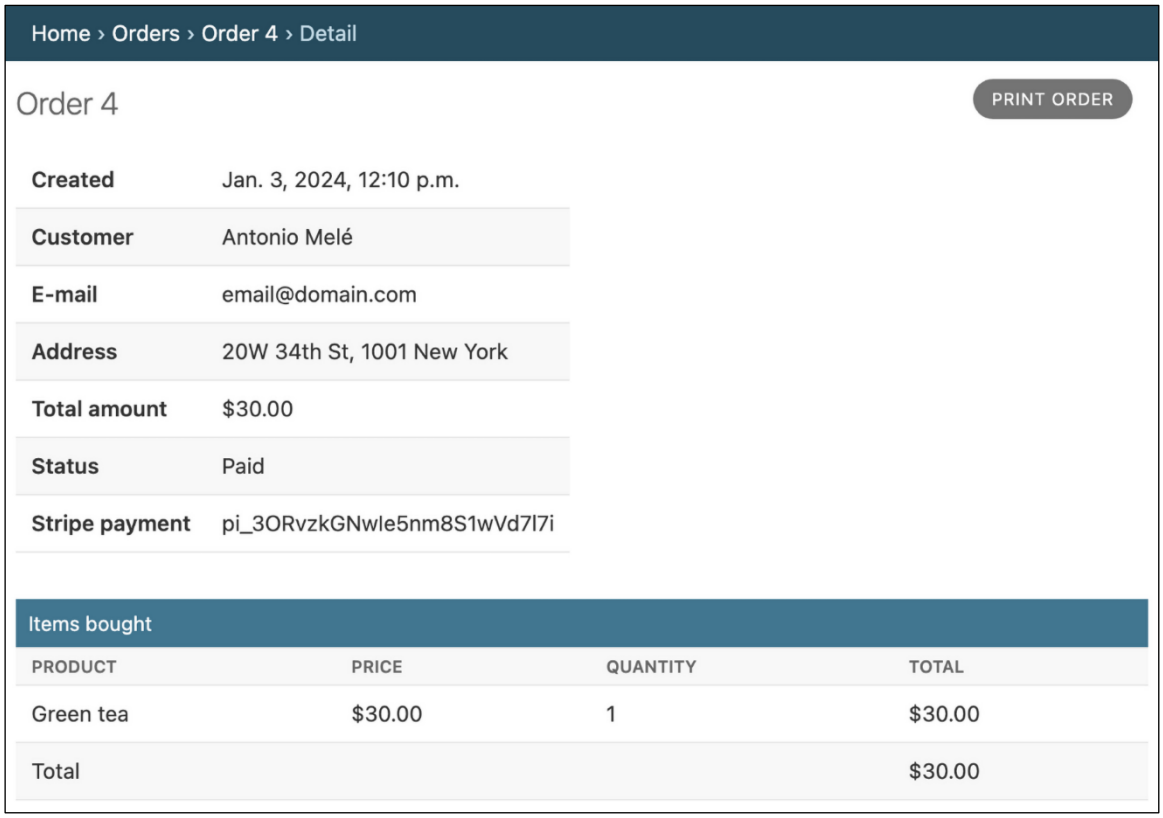
PAID	STRIPE PAYMENT
	pi_3ORvzkGNwIe5nm8S1wVd7l7i



Action: Export to CSV Go 1 of 4 selected

	ID	FIRST NAME	LAST NAME	EMAIL	ADDRESS
☑	4	Antonio	Melé	email@domain.com	20W 34th St
☐	3	Antonio	Melé	email@domain.com	1 Bank Street

PAID	STRIPE PAYMENT	CREATED	UPDATED	ORDER DETAIL
✔	pi_3ORvzkGNwIe5nm8S1wVd7l7i	Jan. 3, 2024, 12:10 p.m.	Jan. 3, 2024, 9:19 p.m.	View



CREATED	UPDATED	ORDER DETAIL	INVOICE
Jan. 3, 2024, 12:10 p.m.	Jan. 3, 2024, 9:19 p.m.	View	PDF

My Shop

Invoice no. 5
Jan 3, 2024

Bill to

Antonio Melé
email@domain.com
20W 34th St
1001, New York

Items bought

Product	Price	Quantity	Cost
Green tea	$30.00	1	$30.00
Red tea	$45.50	2	$91.00
Total			**$121.00**



My Shop

Invoice no. 5
Jan 3, 2024

Bill to

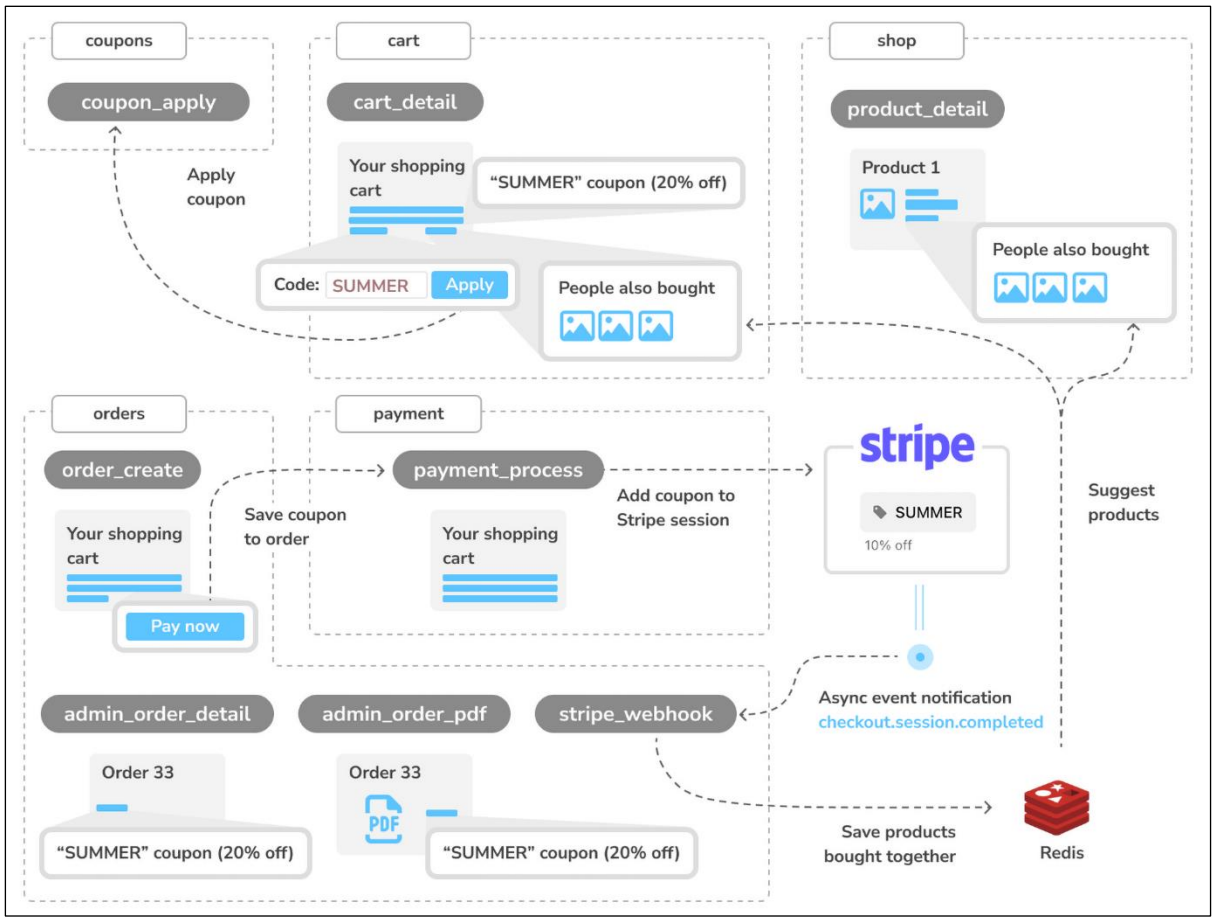
Antonio Melé
email@domain.com
20W 34th St
1001, New York

Items bought

Product	Price	Quantity	Cost
Green tea	$30.00	1	$30.00
Red tea	$45.50	2	$91.00
Total			**$121.00**



Chapter 10: Extending Your Shop



Add coupon

Code:

Valid from:

Date: Today |

Time: Now |

Note: You are 1 hour ahead of server time.

Valid to:

Date: Today |

Time: Now |

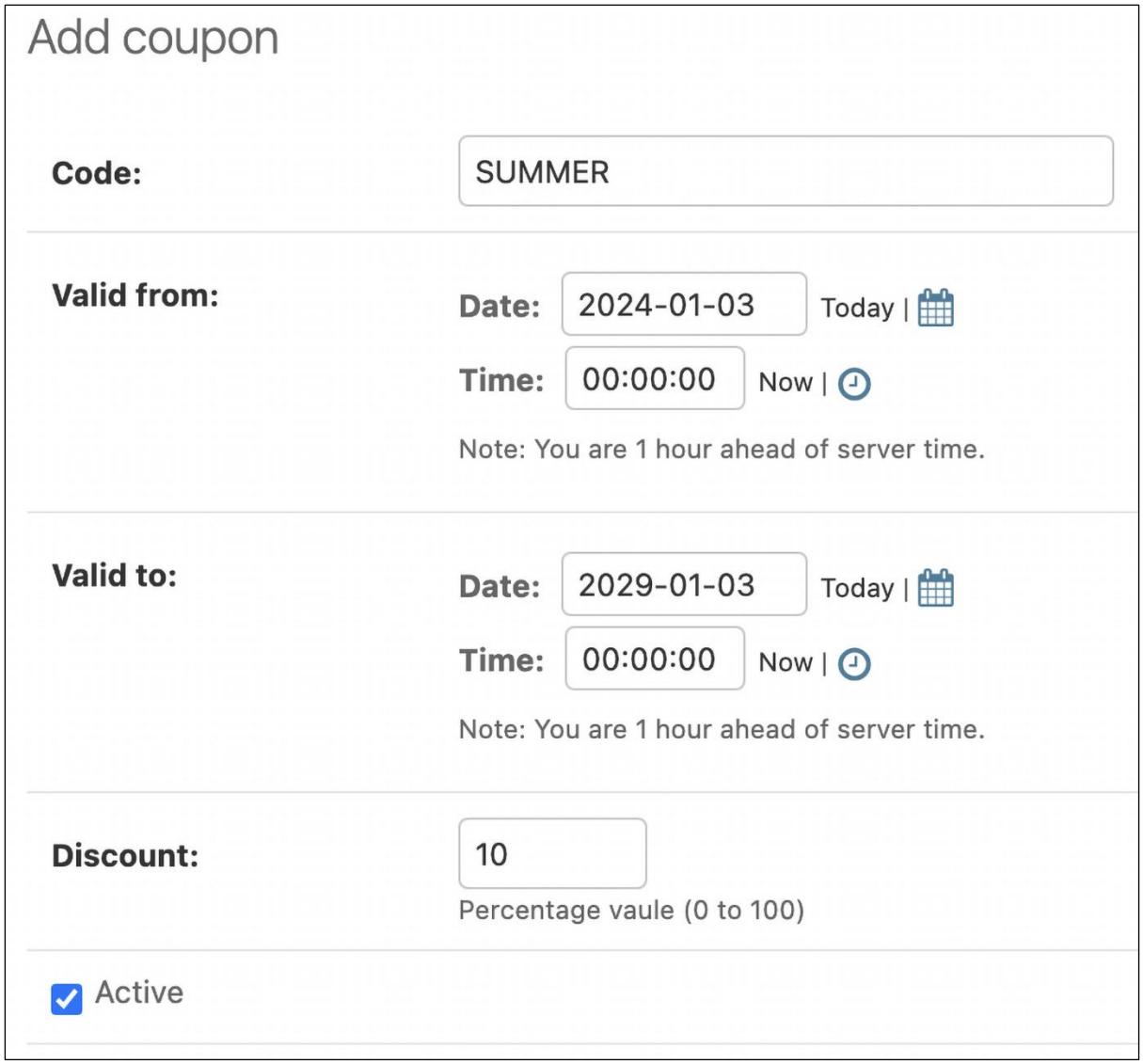
Note: You are 1 hour ahead of server time.

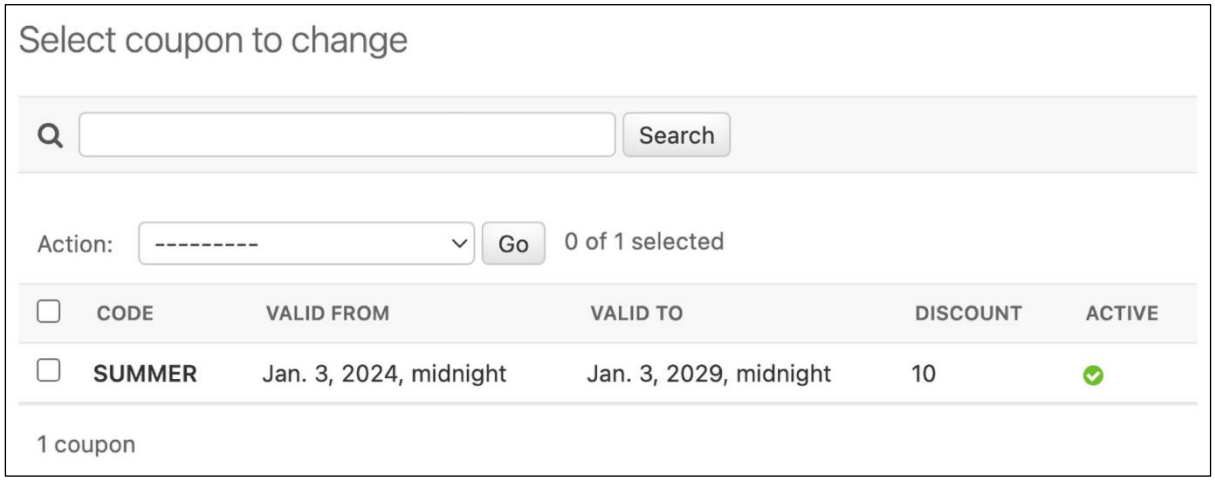
Discount:

Percentage vaule (0 to 100)

Active

SAVE | Save and add another | Save and continue editing


Add coupon
Code:
SUMMER
Valid from:
Date:
2024-01-03
Today |
Time:
00:00:00
Now |
Note: You are 1 hour ahead of server time.
Valid to:
Date:
2029-01-03
Today |
Time:
00:00:00
Now |
Note: You are 1 hour ahead of server time.
Discount:
10
Percentage vaule (0 to 100)
Active


Select coupon to change
Search
Action:

Go
0 of 1 selected
CODE
VALID FROM
VALID TO
DISCOUNT
ACTIVE
SUMMER
Jan. 3, 2024, midnight
Jan. 3, 2029, midnight
10
1 coupon

Your shopping cart

Image	Product	Quantity	Remove	Unit price	Price
	Tea powder	1 Update	Remove	$21.20	$21.20
Total					**$21.20**

Apply a coupon:

Code: Apply

Continue shopping Checkout

Your shopping cart

Image	Product	Quantity	Remove	Unit price	Price
	Tea powder	1 Update	Remove	$21.20	$21.20
Total					**$21.20**

Apply a coupon:

Code: SUMMER Apply

Continue shopping Checkout

Your shopping cart

Image	Product	Quantity	Remove	Unit price	Price
	Tea powder	1 Update	Remove	$21.20	$21.20
Subtotal					$21.20
"SUMMER" coupon (10% off)					- $2.12
Total					**$19.08**

Apply a coupon:

Code: Apply

Continue shopping Checkout

Your order

- 1x Tea powder $21.20
- "SUMMER" (10% off) - $2.12

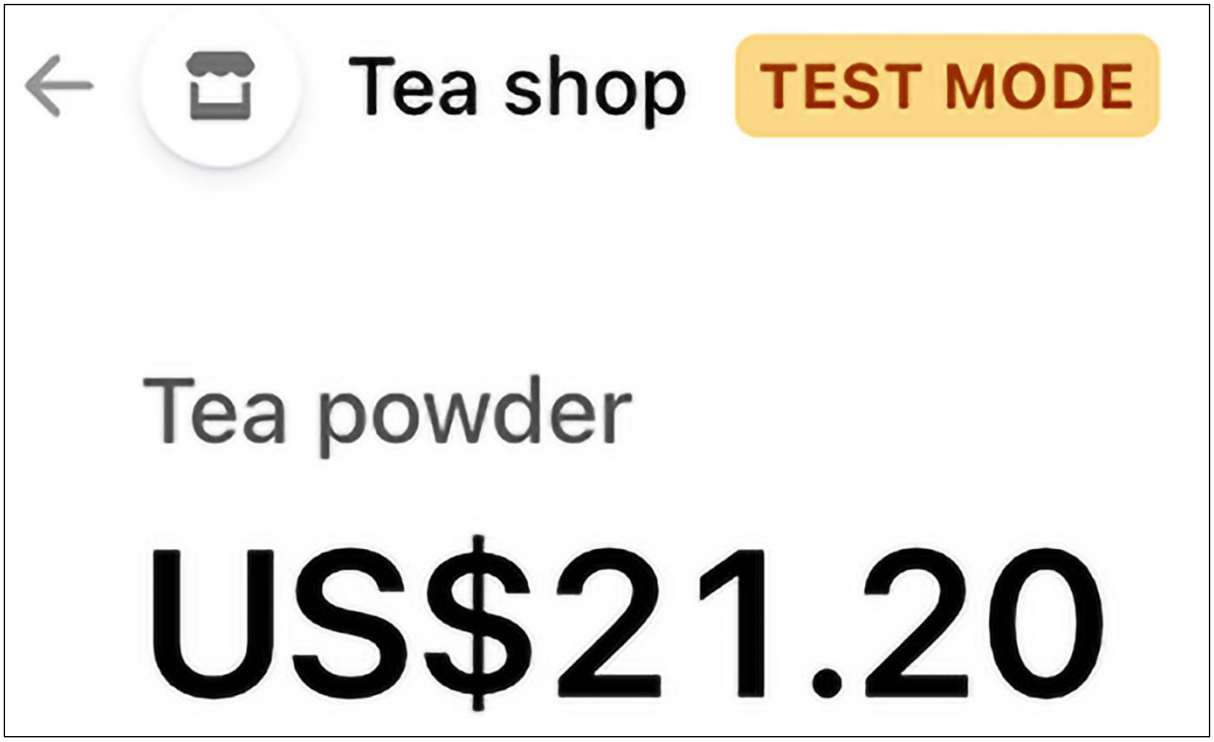
Total: $19.08

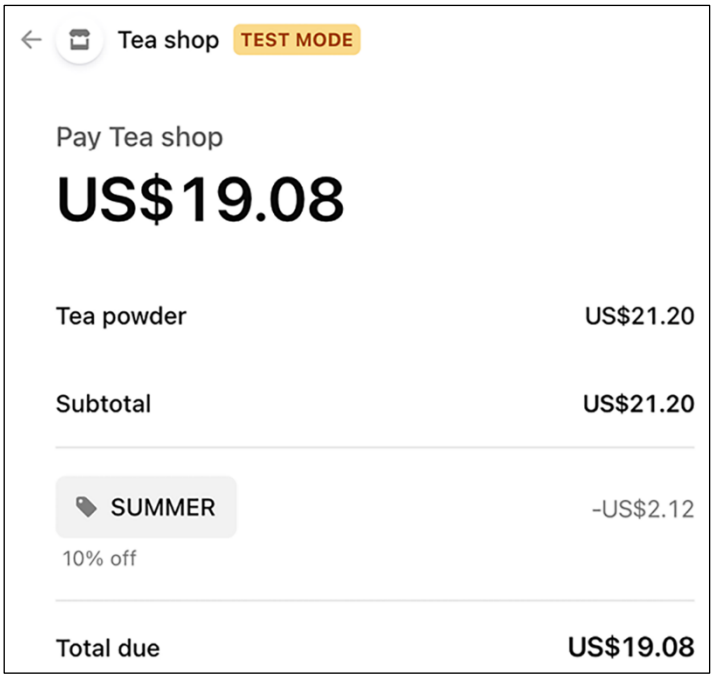
My shop

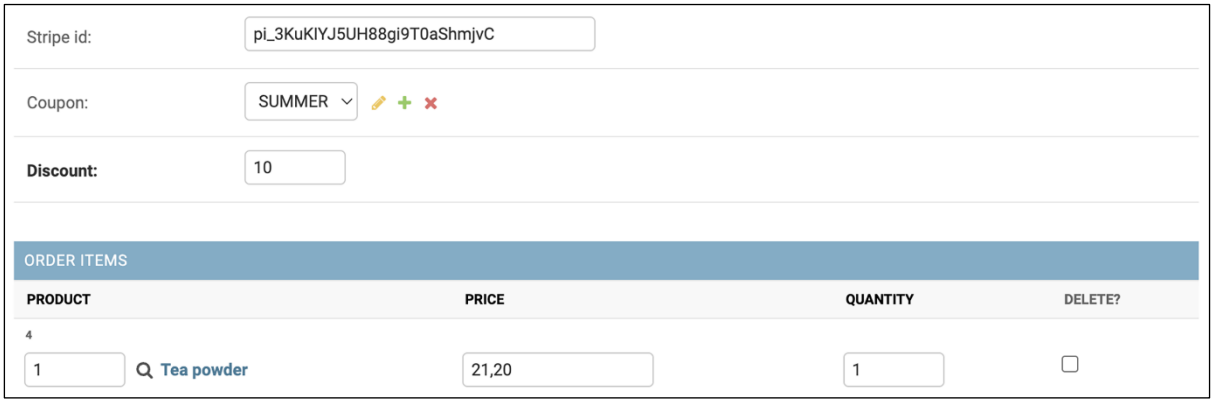
Order summary

Image	Product	Price	Quantity	Total
	Tea powder	$21.20	1	$21.20
Subtotal				$21.20
"SUMMER" coupon (10% off)				- $2.12
Total				**$19.08**

Pay now







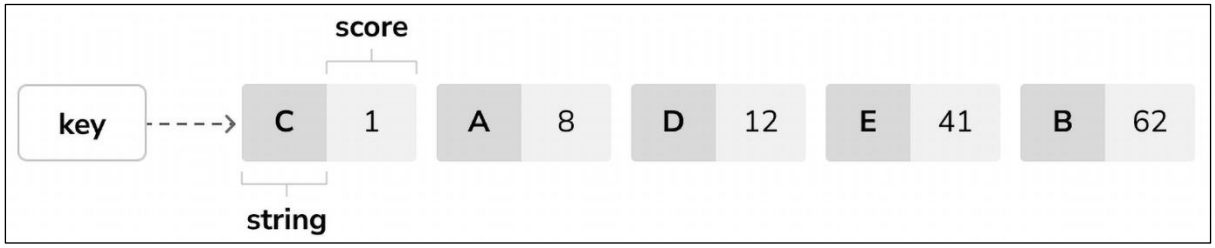


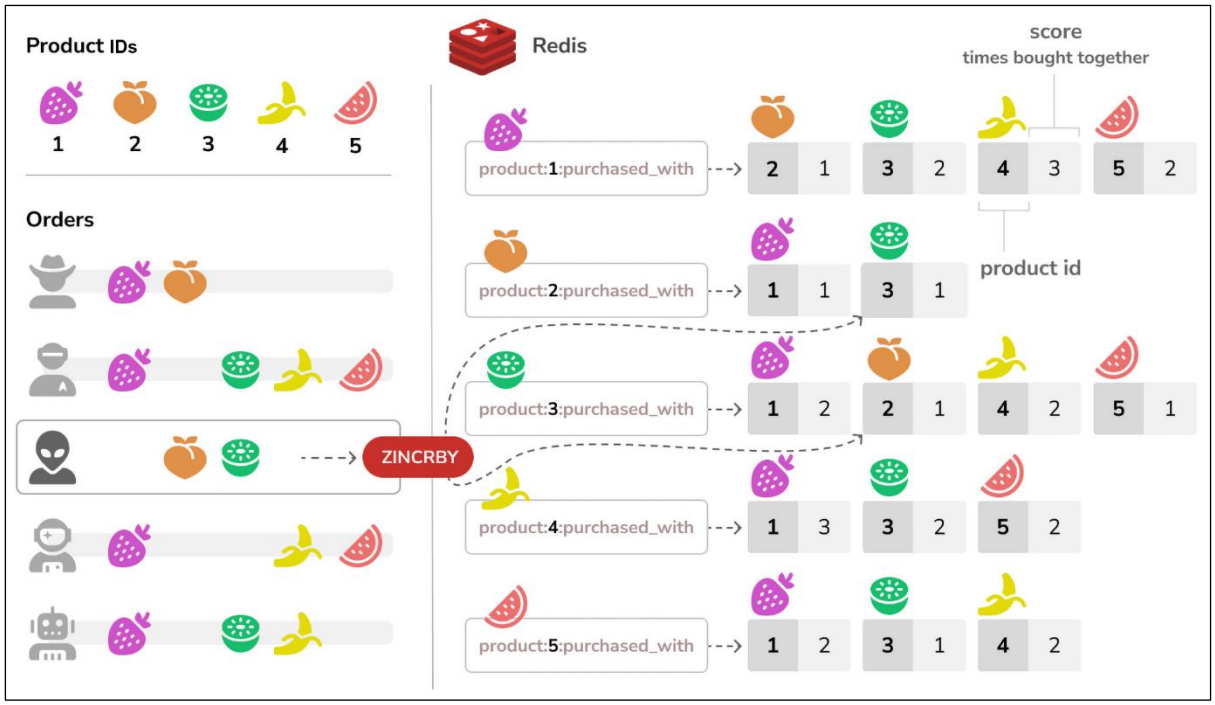
Items bought			
PRODUCT	PRICE	QUANTITY	TOTAL
Tea powder	$21.20	2	$42.40
Subtotal			$42.40
"SUMMER" coupon (10% off)			- $4.24
Total			$38.16

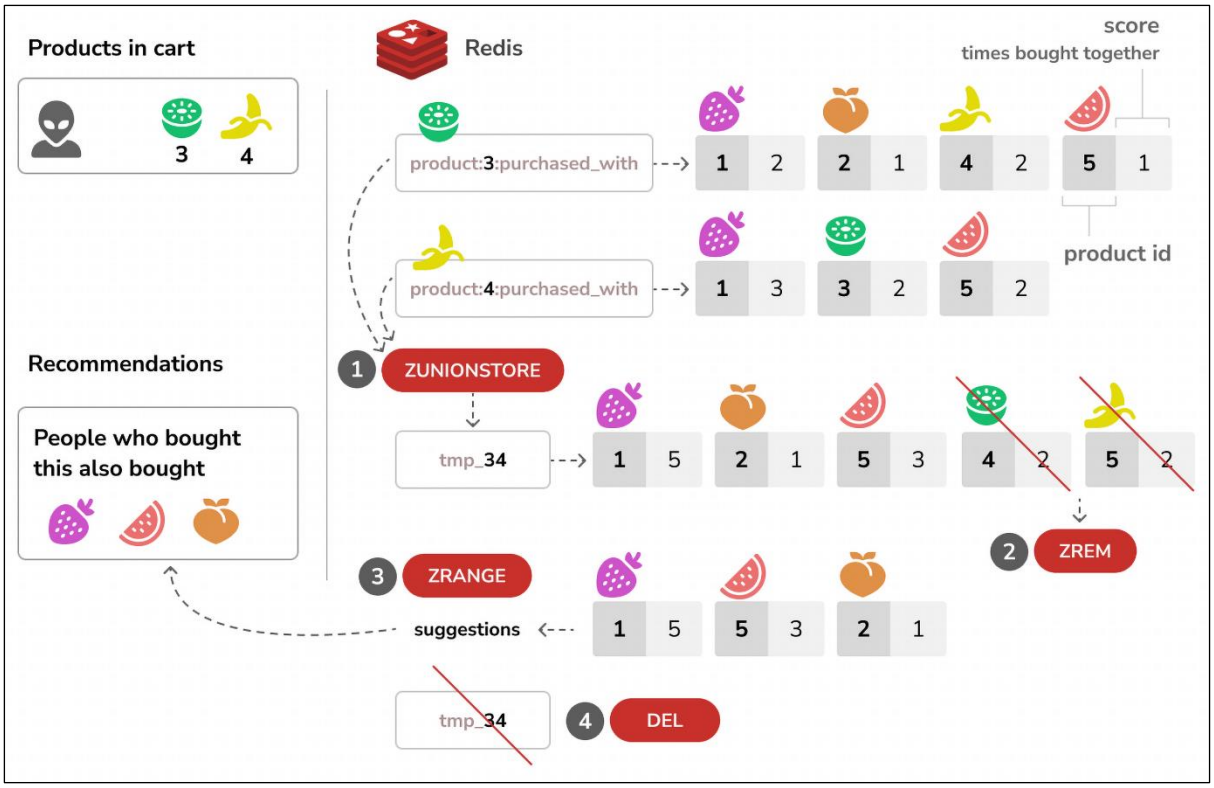
Items bought

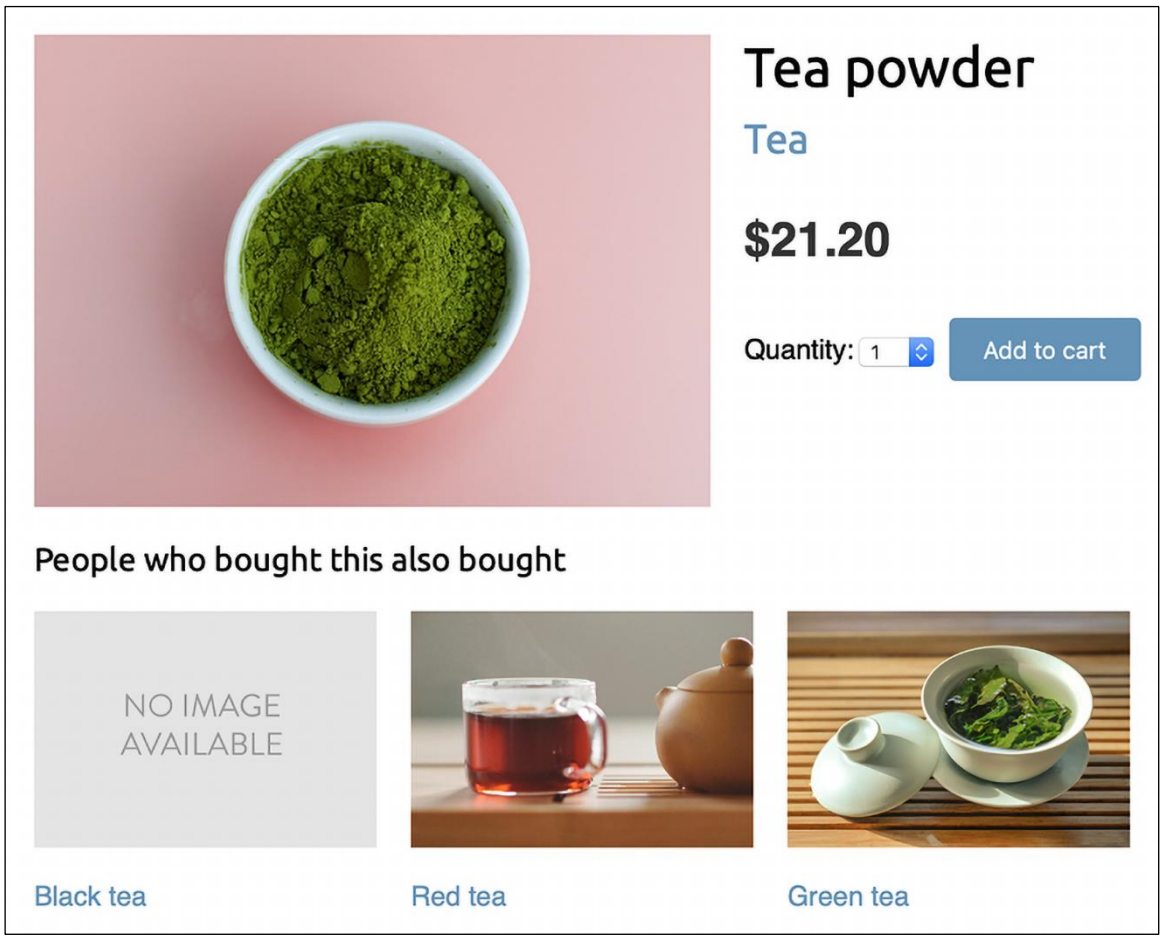
Product	Price	Quantity	Cost
Tea powder	$21.20	2	$42.40
Subtotal			$42.40
"SUMMER" coupon (10% off)			- $4.24
Total			**$38.16**

PAID






Products in cart
3
4
Recommendations
People who bought this also bought
Redis
score
times bought together
product id
product:3:purchased_with
1 2
2 1
4 2
5 1
product:4:purchased_with
1 3
3 2
5 2
1 ZUNIONSTORE
tmp_34
1 5
2 1
5 3
4 2
5 2
2 ZREM
3 ZRANGE
suggestions
1 5
5 3
2 1
tmp_34
4 DEL


Tea powder
Tea
$21.20
Quantity: 1
Add to cart
People who bought this also bought
NO IMAGE AVAILABLE
Black tea
Red tea
Green tea

Your shopping cart

Image	Product	Quantity	Remove	Unit price	Price
	Green tea	1 Update	Remove	$30.00	$30.00
	Tea powder	1 Update	Remove	$21.20	$21.20
Total					$51.20

People who bought this also bought

NO IMAGE AVAILABLE



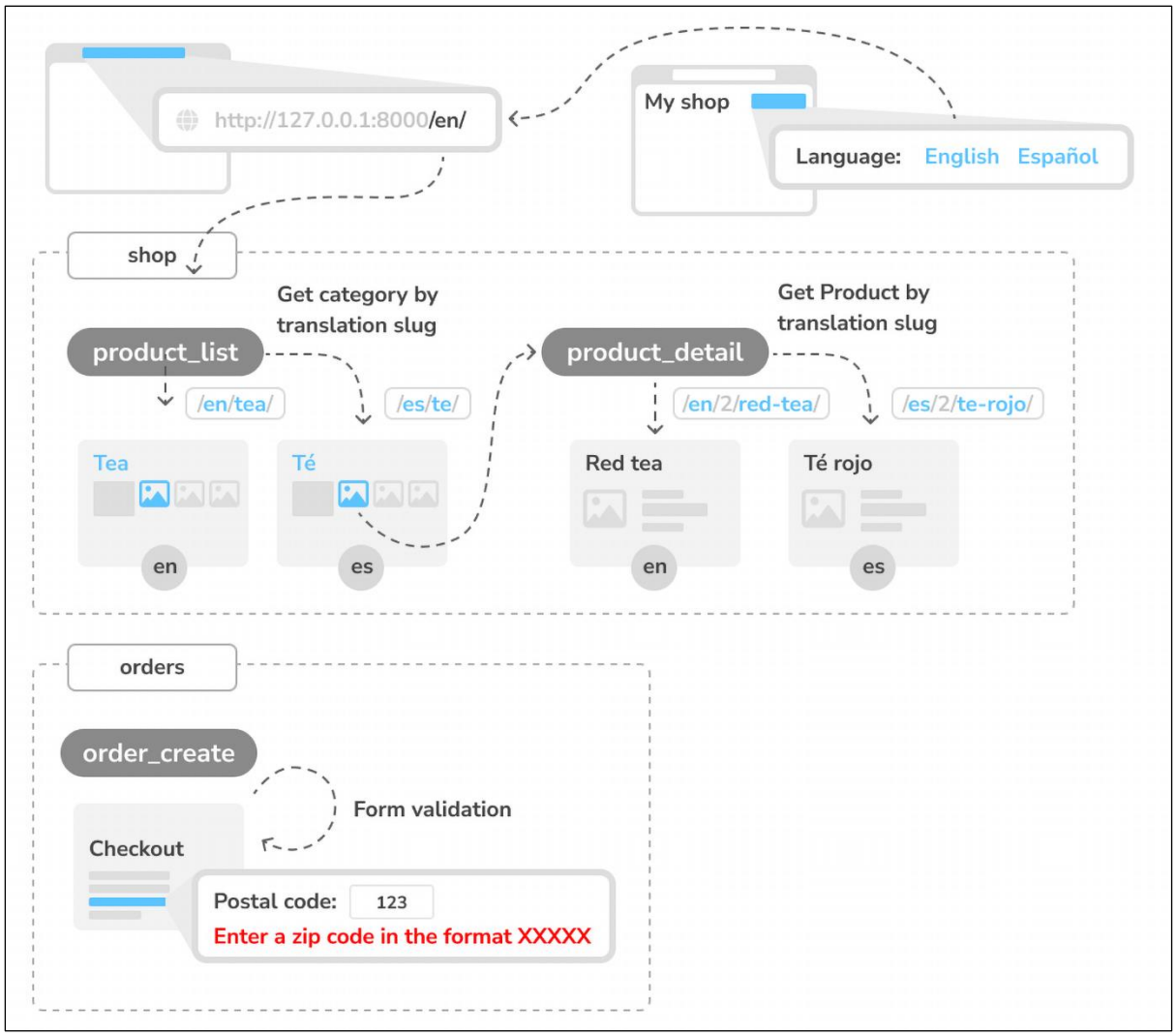
Black tea Red tea

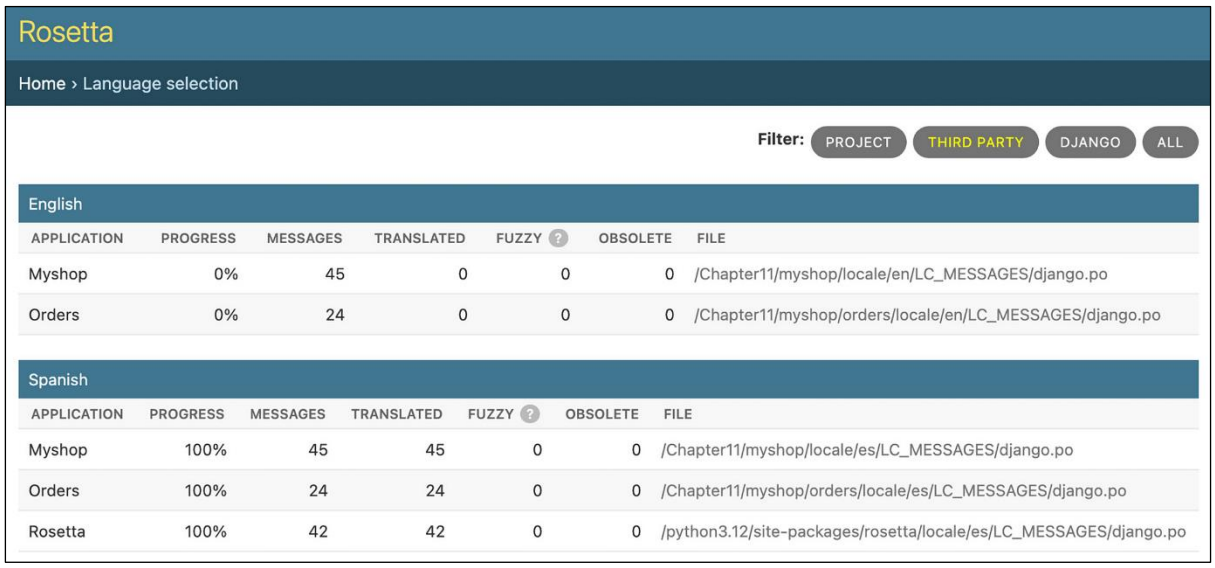
Apply a coupon:

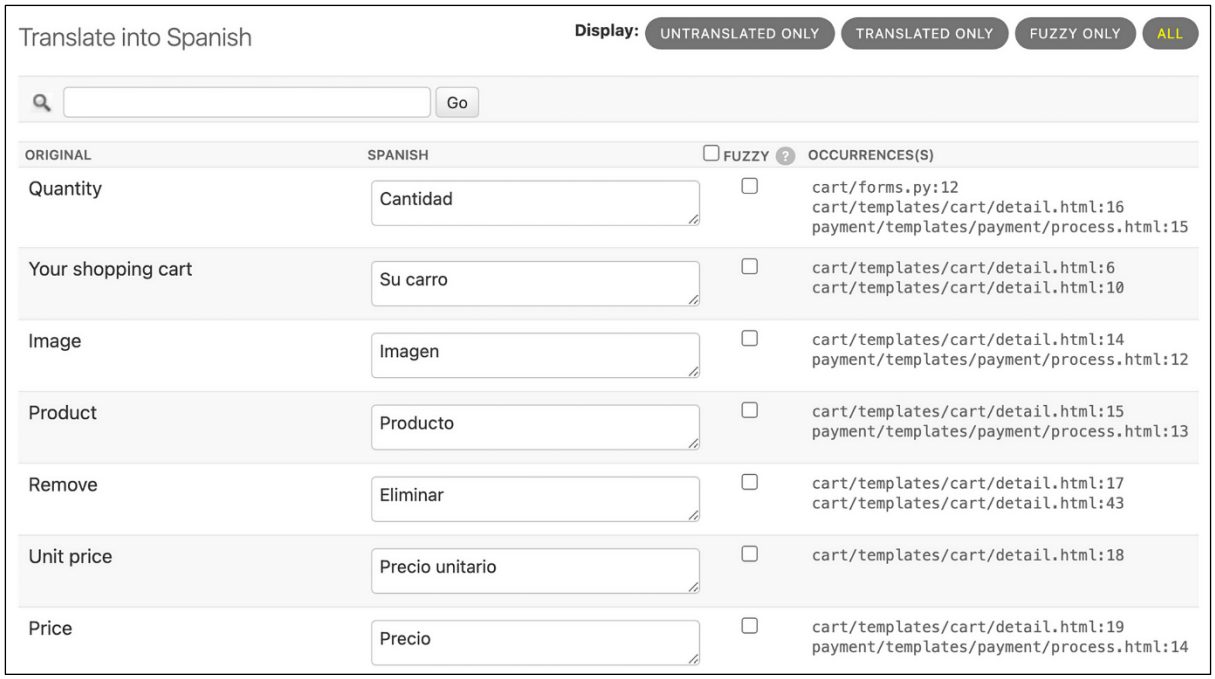
Coupon: Apply

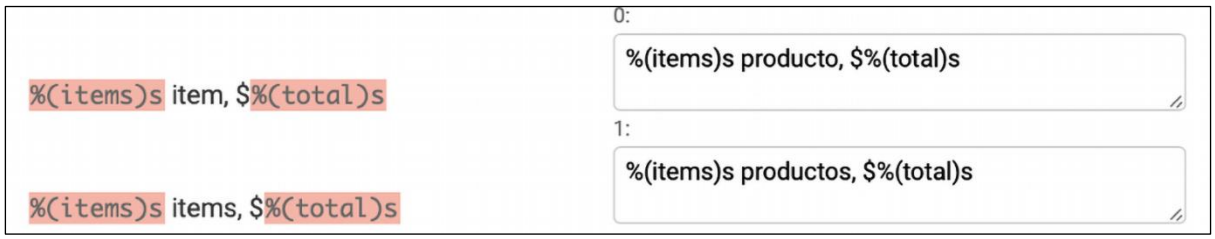
Continue shopping Checkout

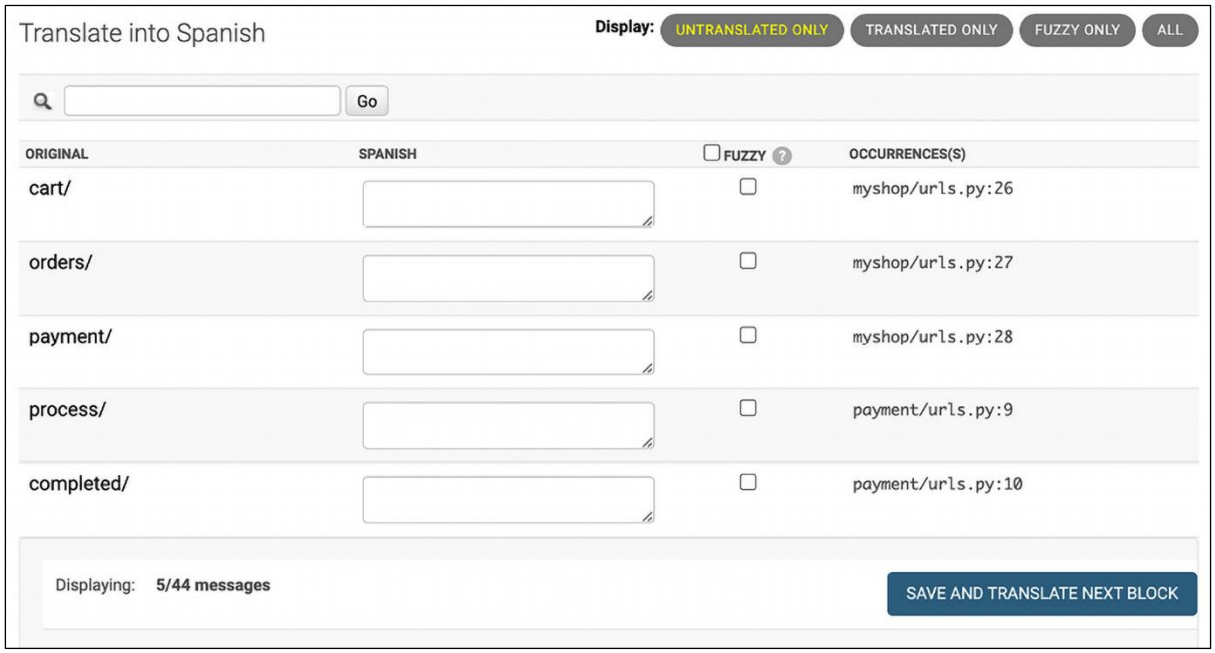
Chapter 11: Adding Internationalization to Your Shop

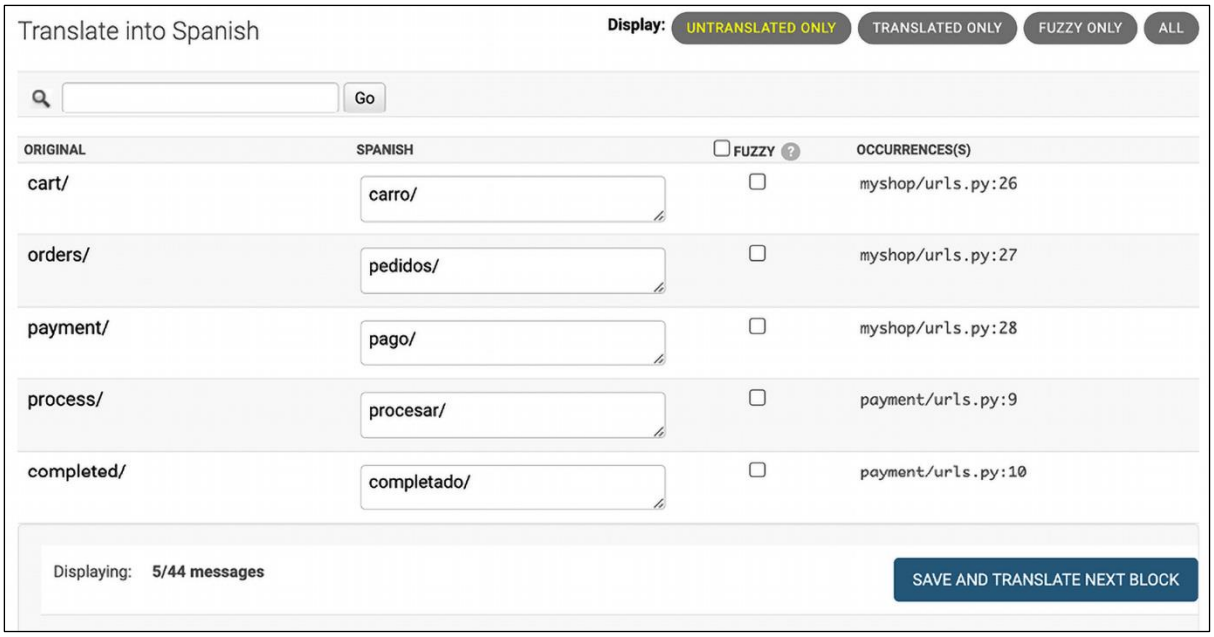


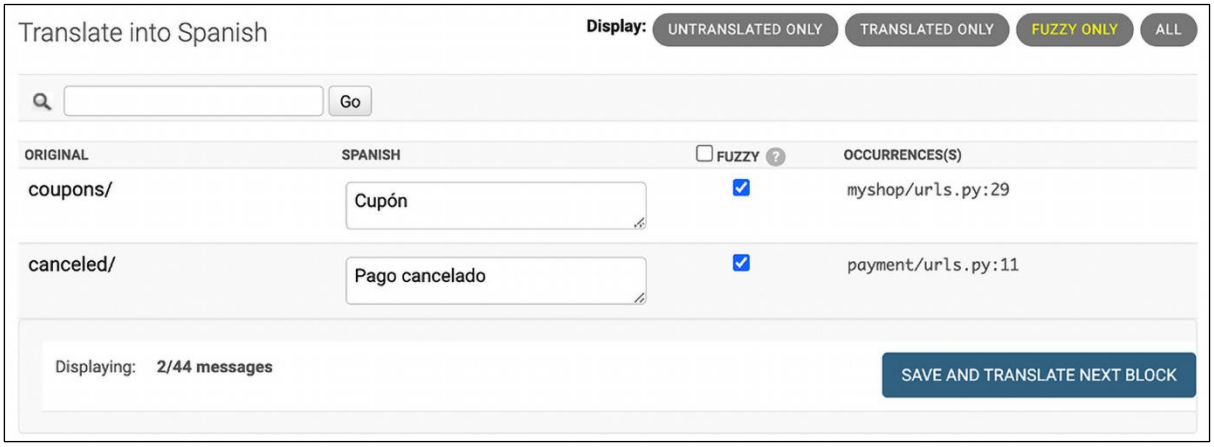


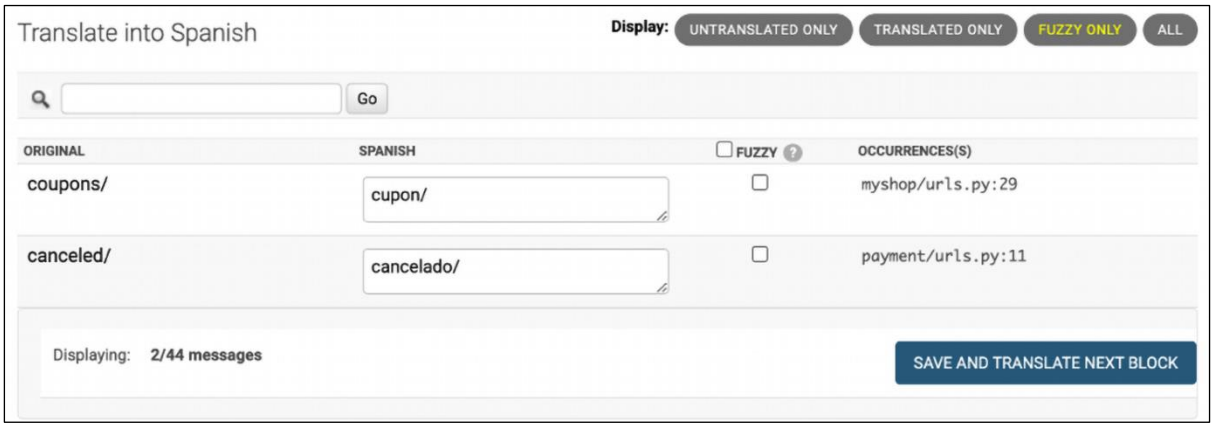

Translate into Spanish
Display: UNTRANSLATED ONLY TRANSLATED ONLY FUZZY ONLY ALL
Go
ORIGINAL
SPANISH
FUZZY
OCCURRENCES(S)
Quantity
Cantidad
cart/forms.py:12
cart/templates/cart/detail.html:16
payment/templates/payment/process.html:15
Your shopping cart
Su carro
cart/templates/cart/detail.html:6
cart/templates/cart/detail.html:10
Image
Imagen
cart/templates/cart/detail.html:14
payment/templates/payment/process.html:12
Product
Producto
cart/templates/cart/detail.html:15
payment/templates/payment/process.html:13
Remove
Eliminar
cart/templates/cart/detail.html:17
cart/templates/cart/detail.html:43
Unit price
Precio unitario
cart/templates/cart/detail.html:18
Price
Precio
cart/templates/cart/detail.html:19
payment/templates/payment/process.html:14

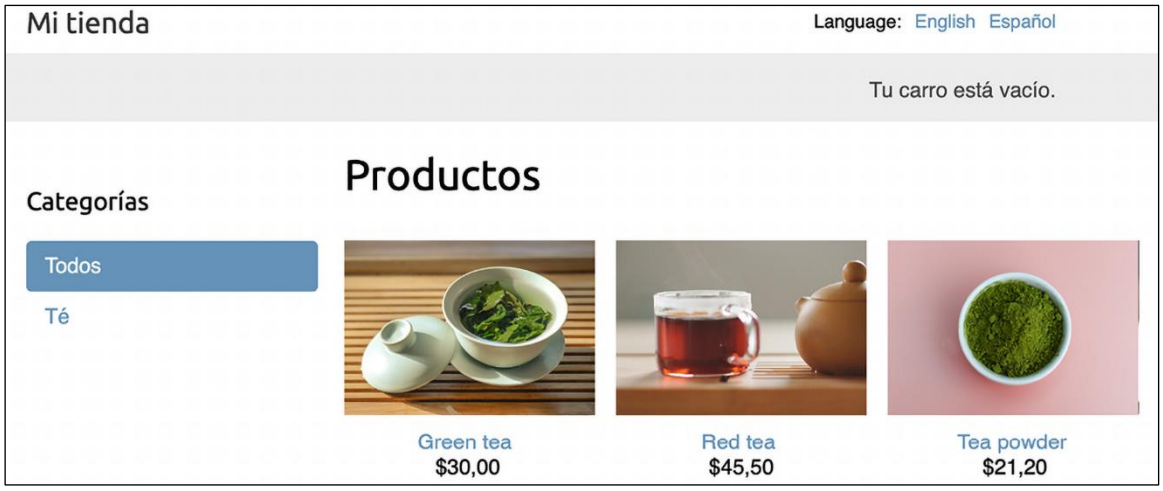

%(items)s item, $%(total)s
%(items)s items, $%(total)s
0:
%(items)s producto, $%(total)s
1:
%(items)s productos, $%(total)s

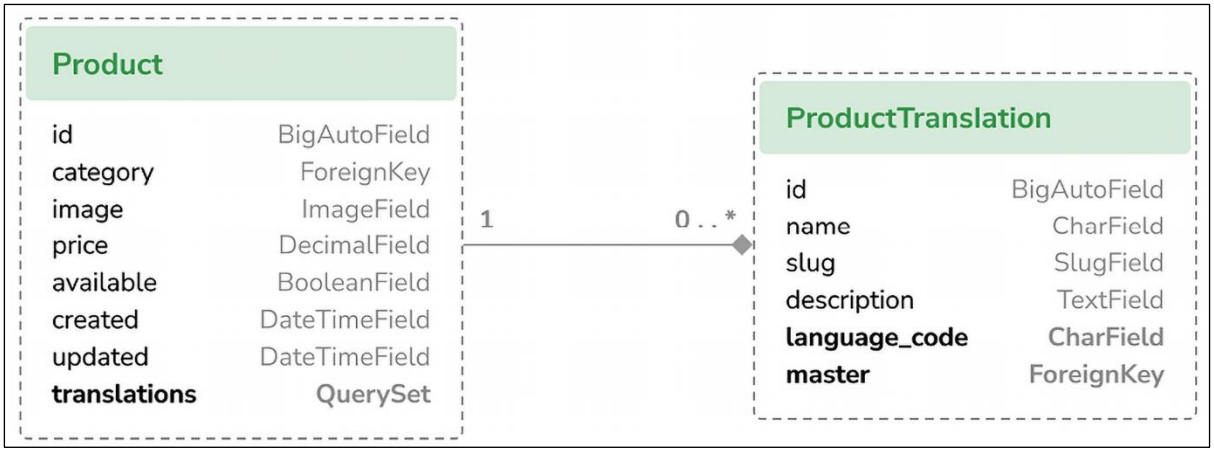

Translate into Spanish
Display: UNTRANSLATED ONLY TRANSLATED ONLY FUZZY ONLY ALL
Go
ORIGINAL
SPANISH
FUZZY
OCCURRENCES(S)
cart/
myshop/urls.py:26
orders/
myshop/urls.py:27
payment/
myshop/urls.py:28
process/
payment/urls.py:9
completed/
payment/urls.py:10
Displaying: 5/44 messages
SAVE AND TRANSLATE NEXT BLOCK


Translate into Spanish
Display: UNTRANSLATED ONLY TRANSLATED ONLY FUZZY ONLY ALL
Go
ORIGINAL
SPANISH
FUZZY
OCCURRENCES(S)
cart/
carro/
myshop/urls.py:26
orders/
pedidos/
myshop/urls.py:27
payment/
pago/
myshop/urls.py:28
process/
procesar/
payment/urls.py:9
completed/
completado/
payment/urls.py:10
Displaying: 5/44 messages
SAVE AND TRANSLATE NEXT BLOCK

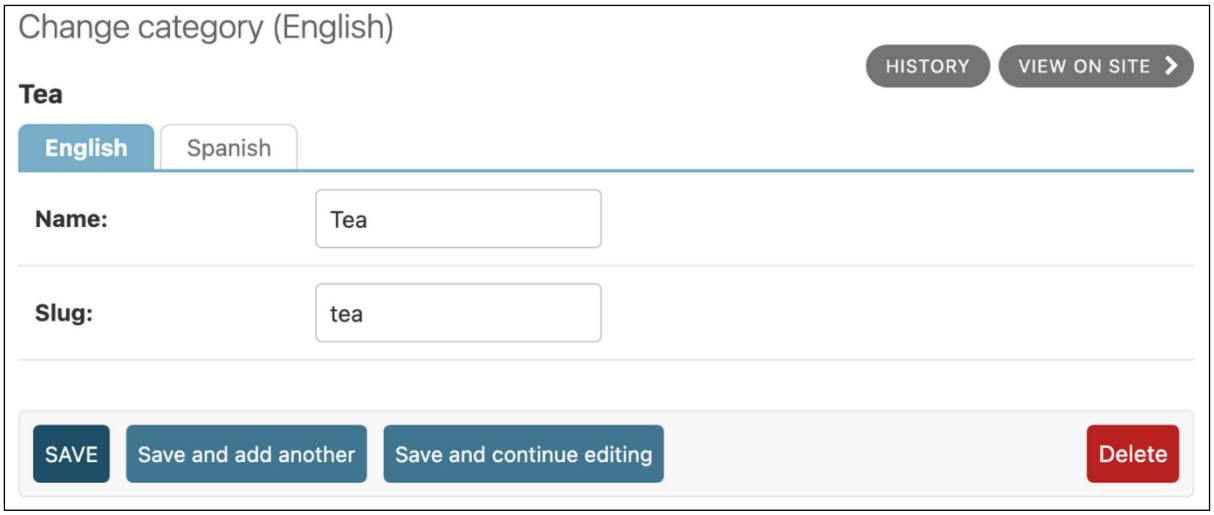

Translate into Spanish
Display: UNTRANSLATED ONLY TRANSLATED ONLY FUZZY ONLY ALL
Go
ORIGINAL
SPANISH
FUZZY
OCCURRENCES(S)
coupons/
Cupón
myshop/urls.py:29
canceled/
Pago cancelado
payment/urls.py:11
Displaying: 2/44 messages
SAVE AND TRANSLATE NEXT BLOCK

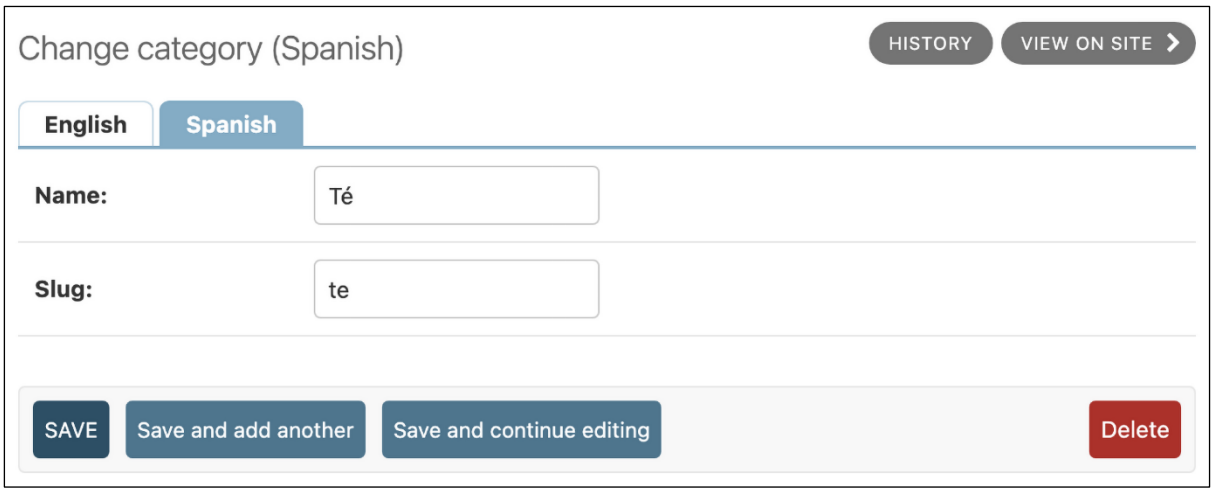

Translate into Spanish
Display: UNTRANSLATED ONLY TRANSLATED ONLY FUZZY ONLY ALL
Go
ORIGINAL
SPANISH
FUZZY
OCCURRENCES(S)
coupons/
cupon/
myshop/urls.py:29
canceled/
cancelado/
payment/urls.py:11
Displaying: 2/44 messages
SAVE AND TRANSLATE NEXT BLOCK

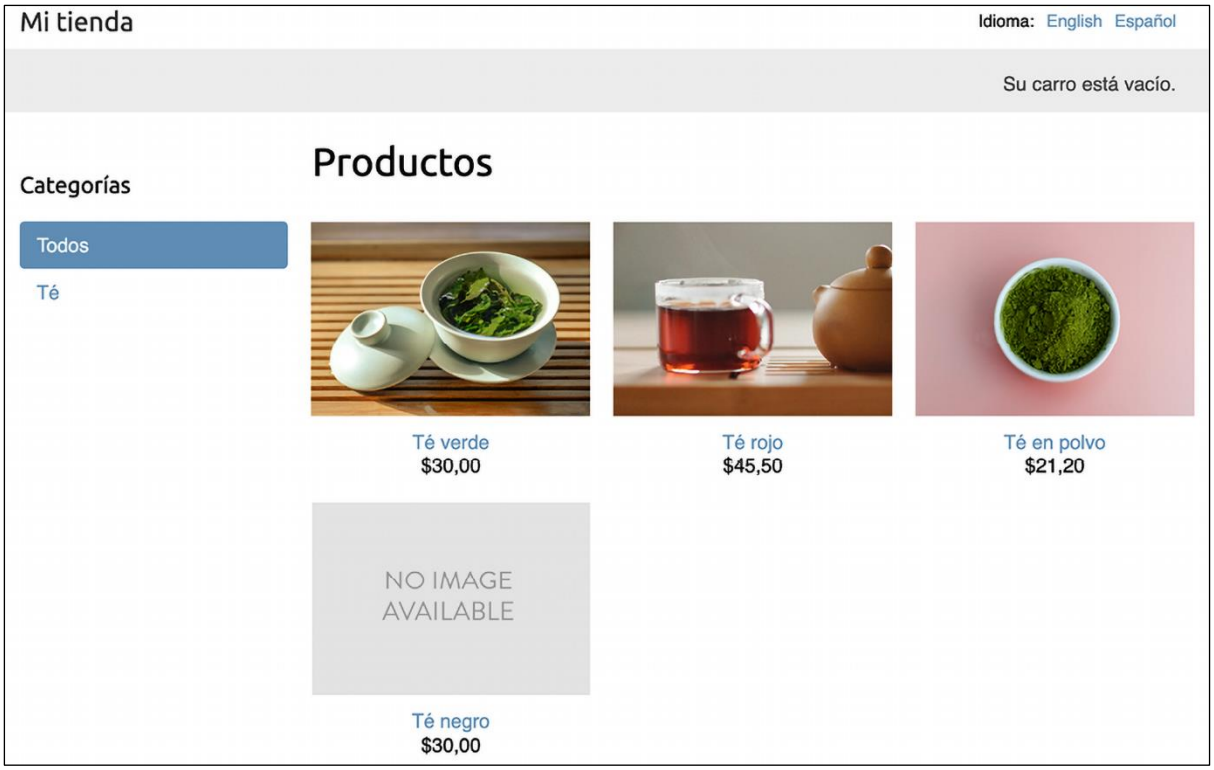

Mi tienda
Language: English Español
Tu carro está vacío.
Productos
Categorías
Todos
Té
Green tea
$30,00
Red tea
$45,50
Tea powder
$21,20


Product
id BigAutoField
category ForeignKey
image ImageField
price DecimalField
available BooleanField
created DateTimeField
updated DateTimeField
translations QuerySet
1
0 . . *
ProductTranslation
id BigAutoField
name CharField
slug SlugField
description TextField
language_code CharField
master ForeignKey


Select category to change
ADD CATEGORY +
Action: ---------
Go
0 of 1 selected
NAME
SLUG
-
-
1 category


Change category (English)
HISTORY
VIEW ON SITE
Tea
English
Spanish
Name:
Tea
Slug:
tea
SAVE
Save and add another
Save and continue editing
Delete


Change category (Spanish)
HISTORY
VIEW ON SITE
English
Spanish
Name:
Té
Slug:
te
SAVE
Save and add another
Save and continue editing
Delete


Mi tienda
Idioma: English Español
Su carro está vacío.
Categorías
Todos
Té
Productos
Té verde
$30,00
Té rojo
$45,50
Té en polvo
$21,20
NO IMAGE AVAILABLE
Té negro
$30,00


Mi tienda
Idioma: English Español
Su carro está vacío.
Té rojo
Té
$45,50
Cantidad: 1
Añadir al carro



Green tea
$30.00

EN
localization



Té verde
$30,00

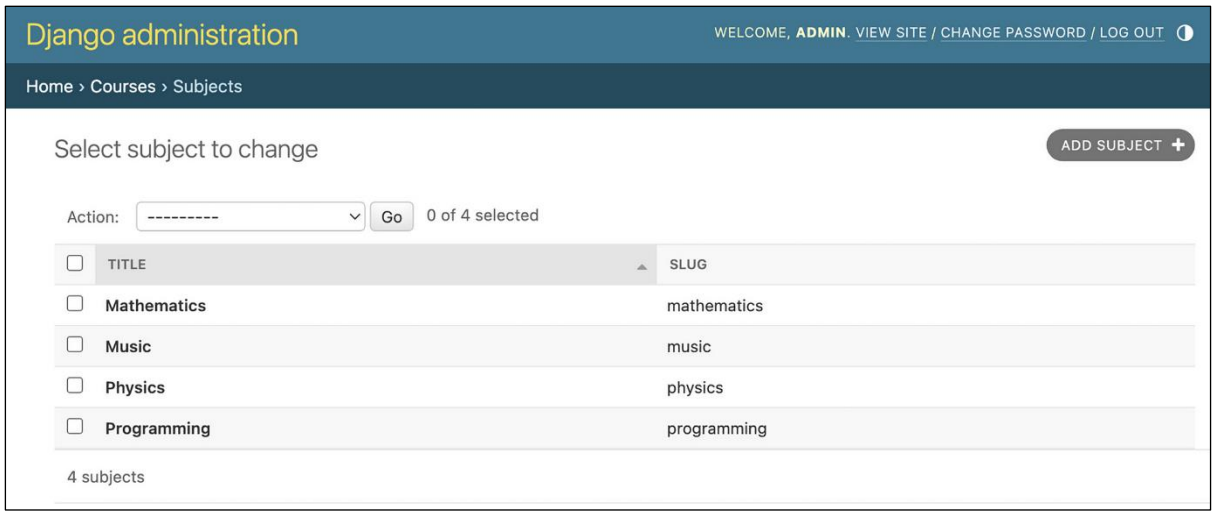
ES
localization

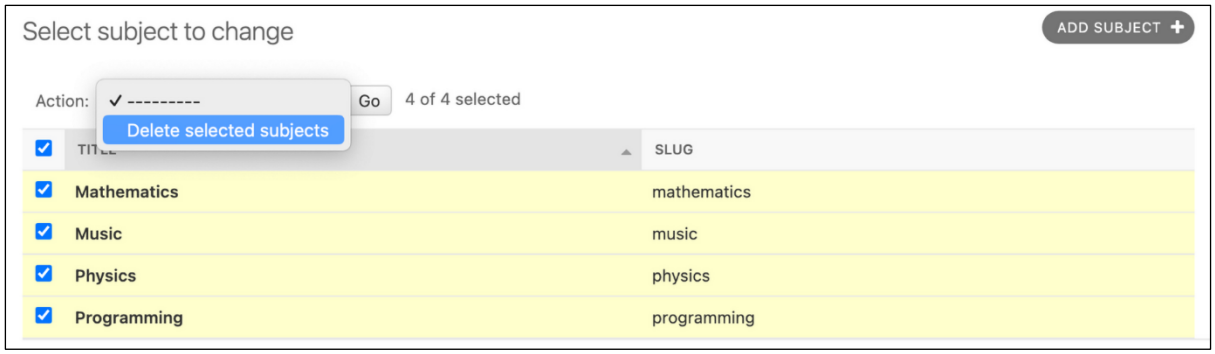
- Enter a zip code in the format XXXXX or XXXXX-XXXX.

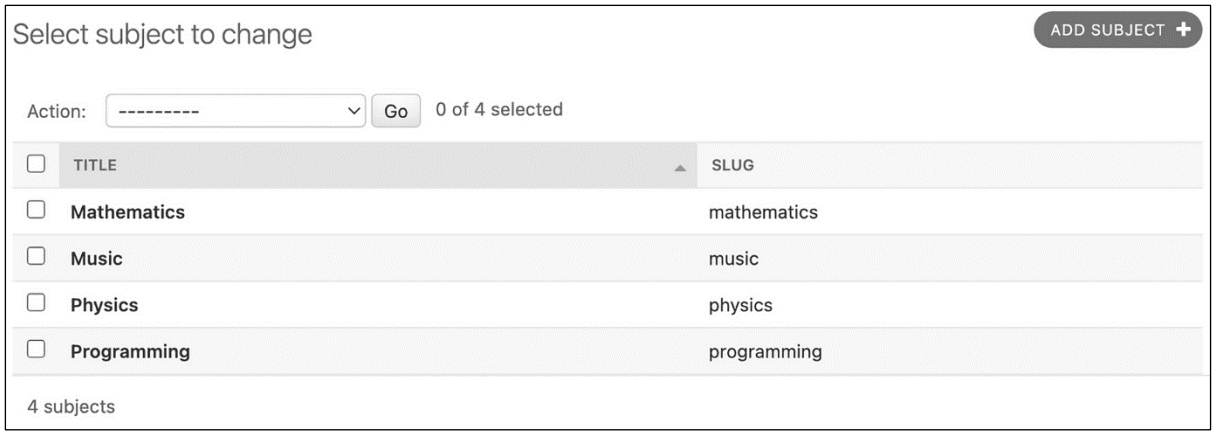
Postal code:

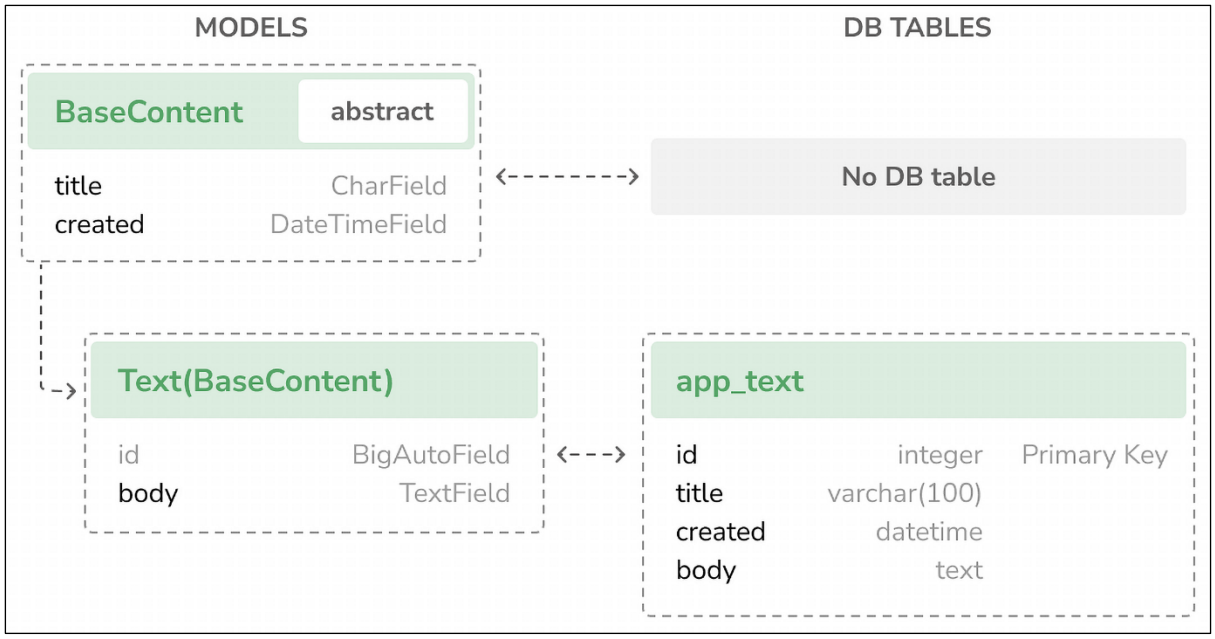
ABC

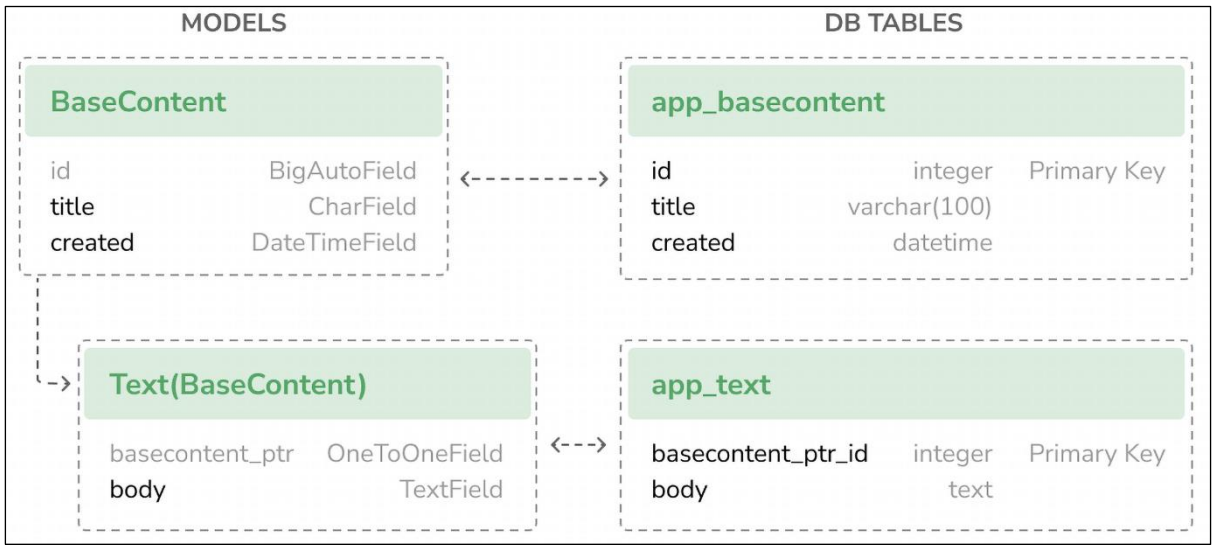
Chapter 12: Building an E-Learning Platform

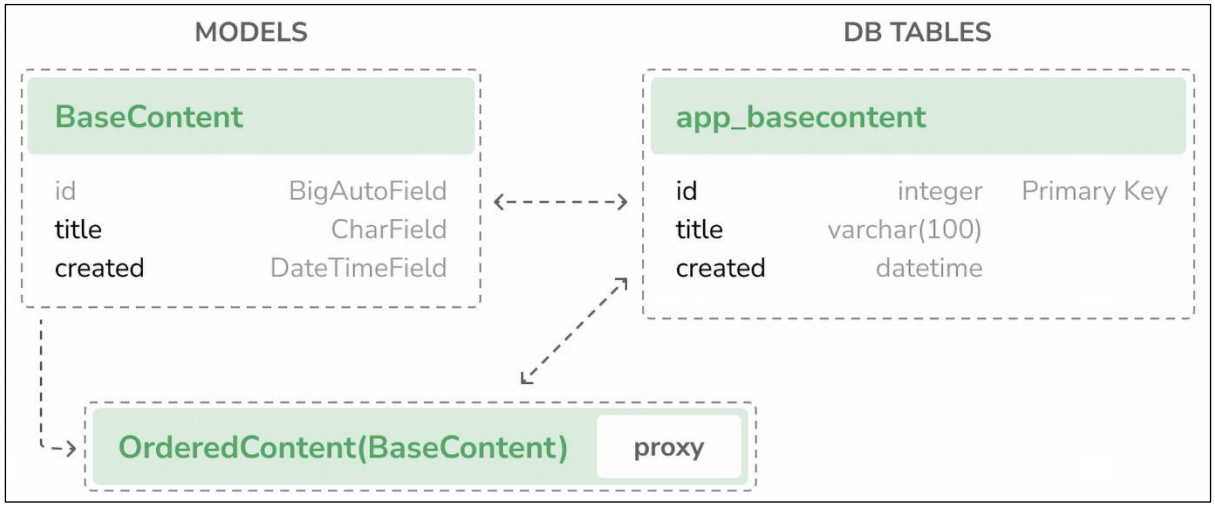


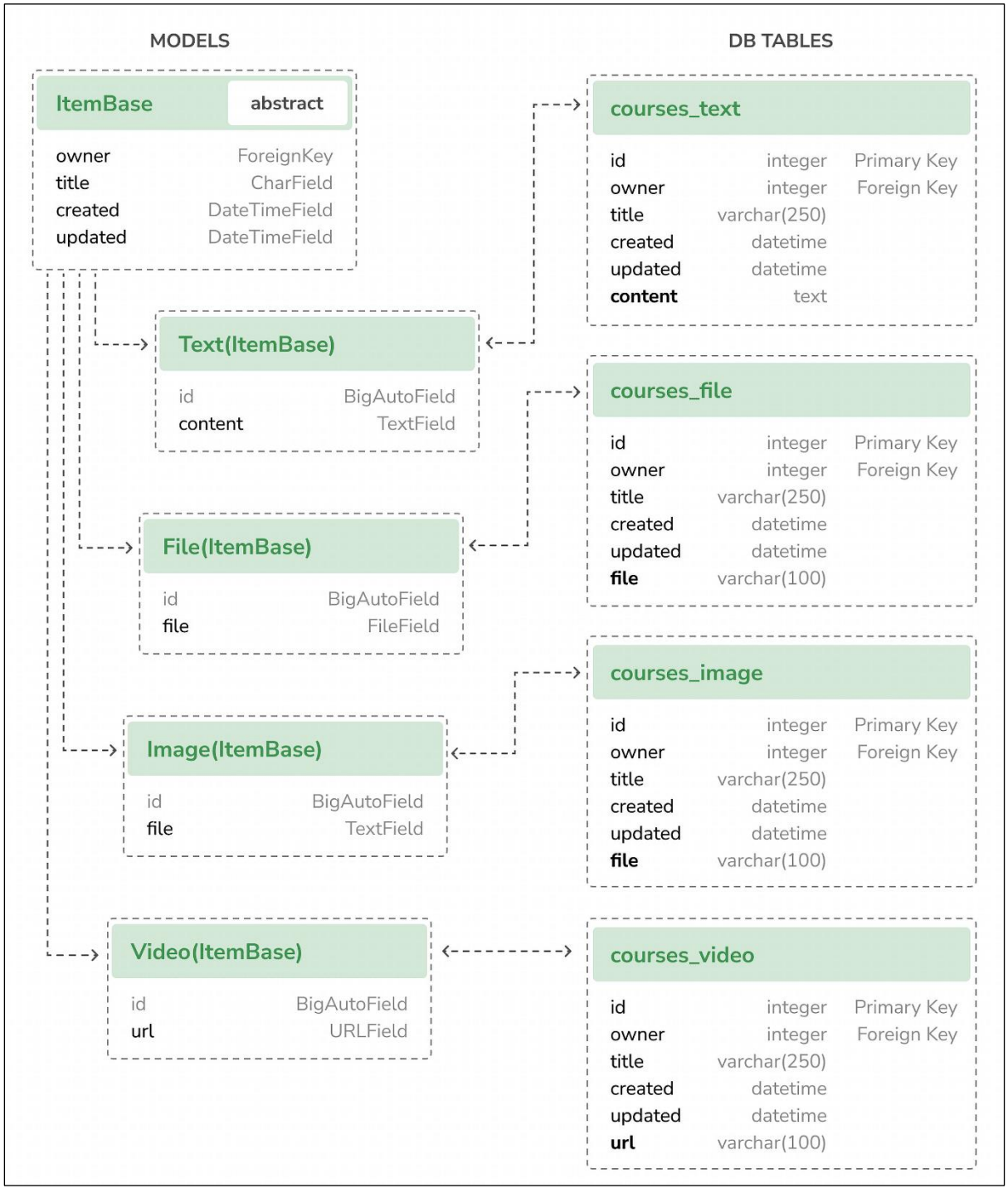


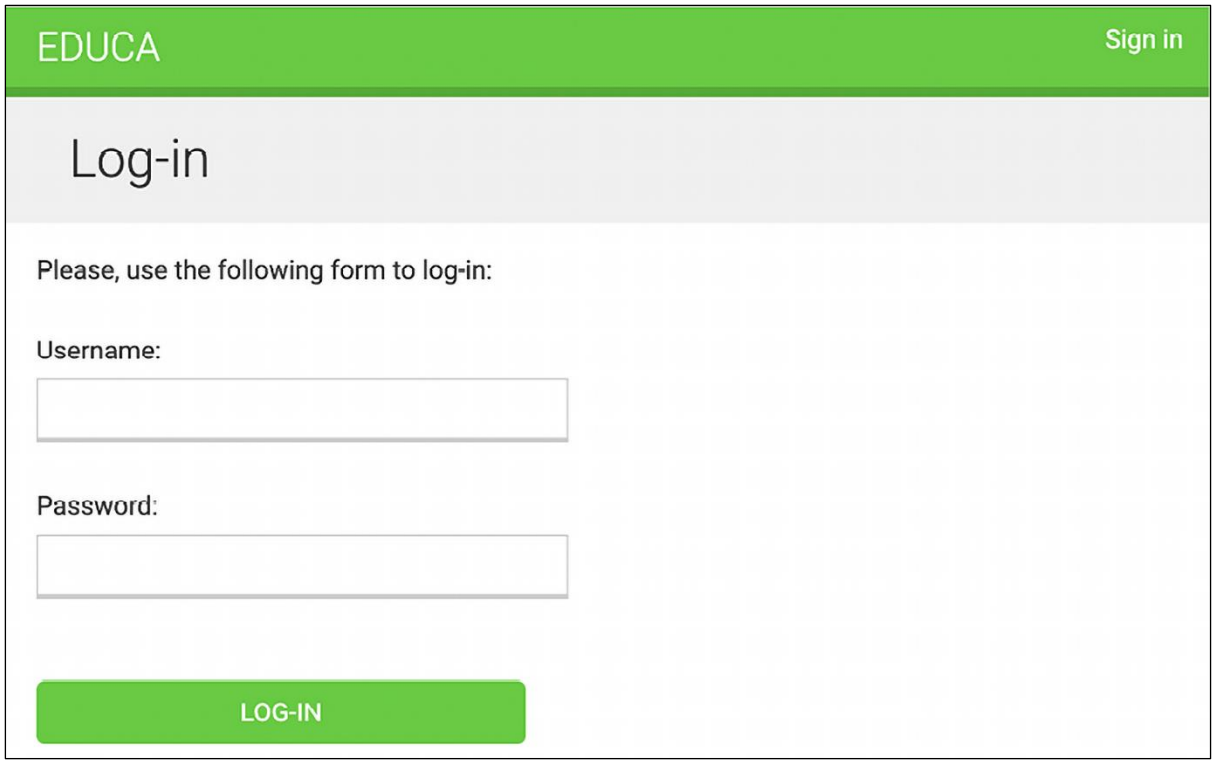


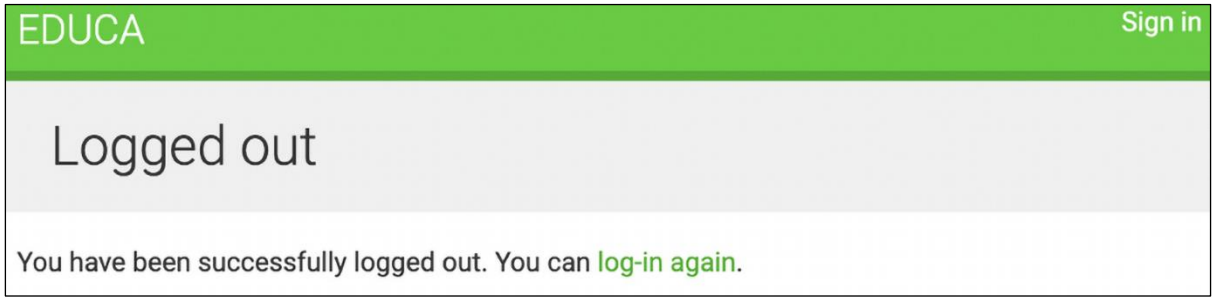

MODELS
DB TABLES
BaseContent
abstract
title CharField
created DateTimeField
No DB table
Text(BaseContent)
id BigAutoField
body TextField
app_text
id integer Primary Key
title varchar(100)
created datetime
body text


MODELS
DB TABLES
BaseContent
id BigAutoField
title CharField
created DateTimeField
app_basecontent
id integer Primary Key
title varchar(100)
created datetime
Text(BaseContent)
basecontent_ptr OneToOneField
body TextField
app_text
basecontent_ptr_id integer Primary Key
body text

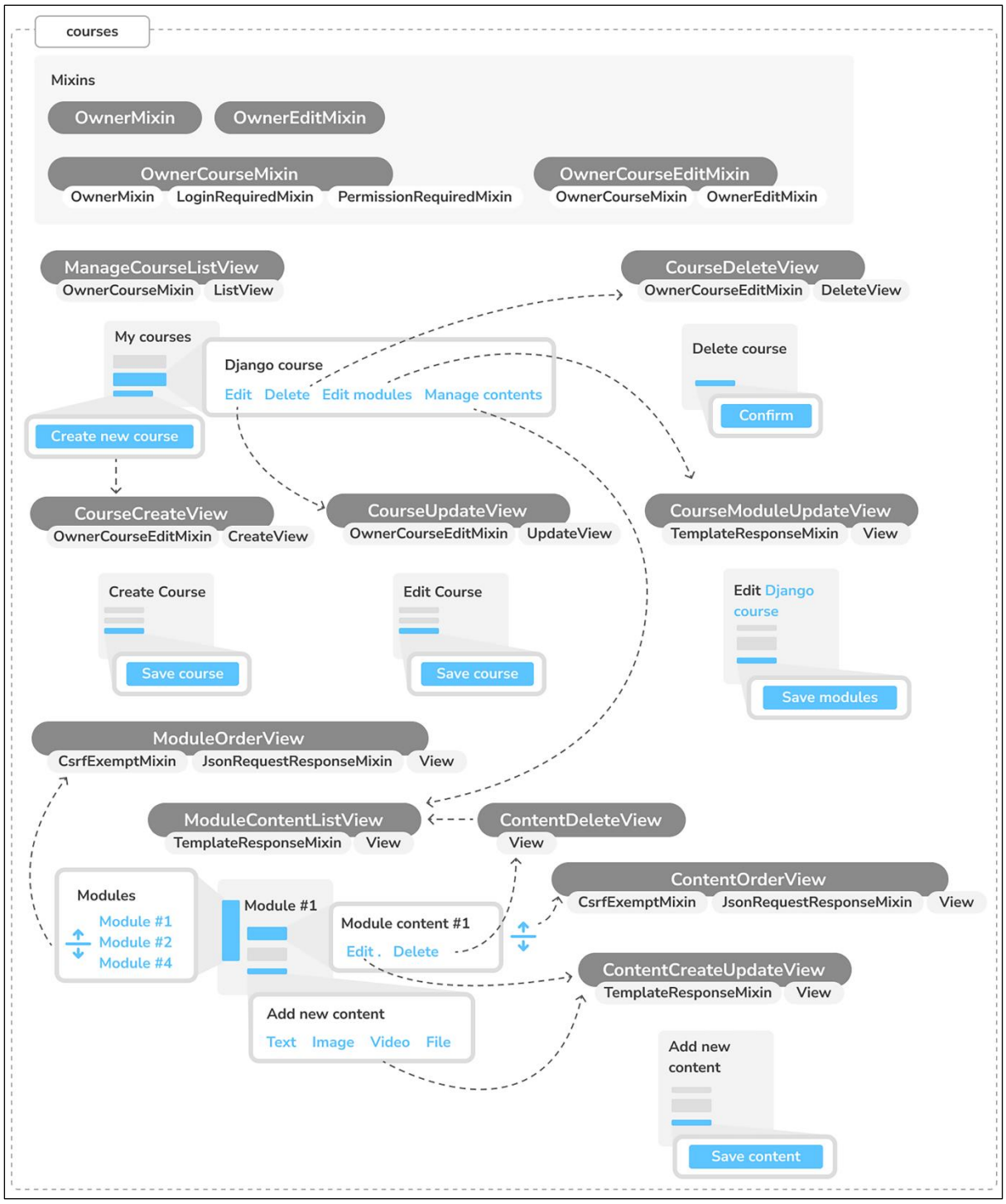

MODELS
DB TABLES
BaseContent
id BigAutoField
title CharField
created DateTimeField
app_basecontent
id integer Primary Key
title varchar(100)
created datetime
OrderedContent(BaseContent)
proxy

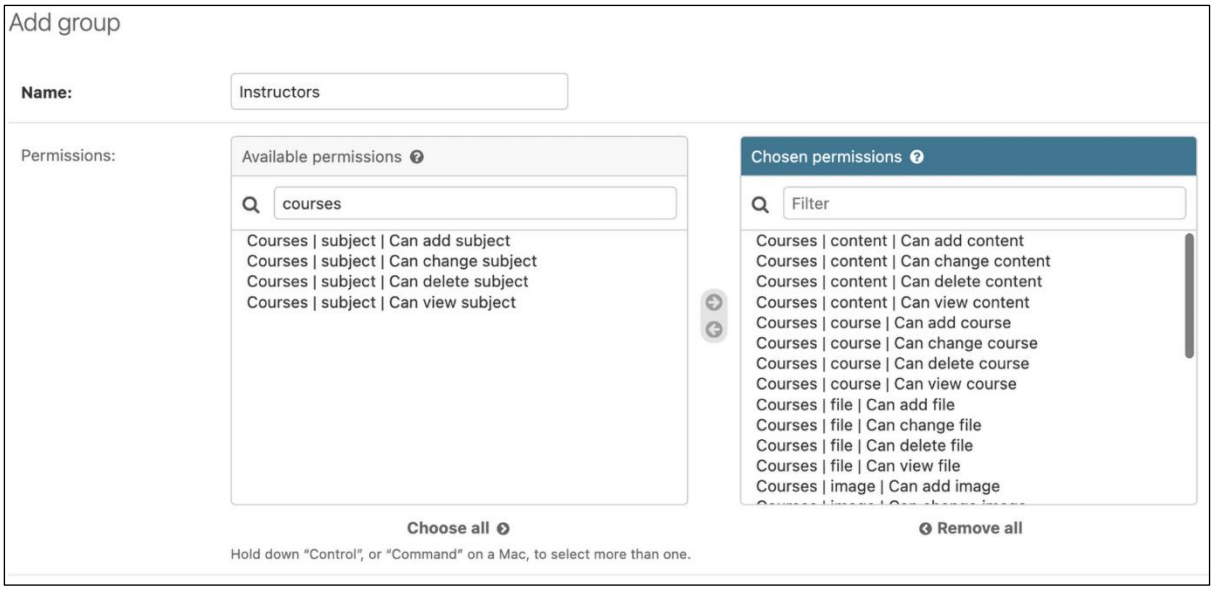

MODELS
DB TABLES
ItemBase
abstract
owner ForeignKey
title CharField
created DateTimeField
updated DateTimeField
Text(ItemBase)
id BigAutoField
content TextField
File(ItemBase)
id BigAutoField
file FileField
Image(ItemBase)
id BigAutoField
file TextField
Video(ItemBase)
id BigAutoField
url URLField
courses_text
id integer Primary Key
owner integer Foreign Key
title varchar(250)
created datetime
updated datetime
content text
courses_file
id integer Primary Key
owner integer Foreign Key
title varchar(250)
created datetime
updated datetime
file varchar(100)
courses_image
id integer Primary Key
owner integer Foreign Key
title varchar(250)
created datetime
updated datetime
file varchar(100)
courses_video
id integer Primary Key
owner integer Foreign Key
title varchar(250)
created datetime
updated datetime
url varchar(100)

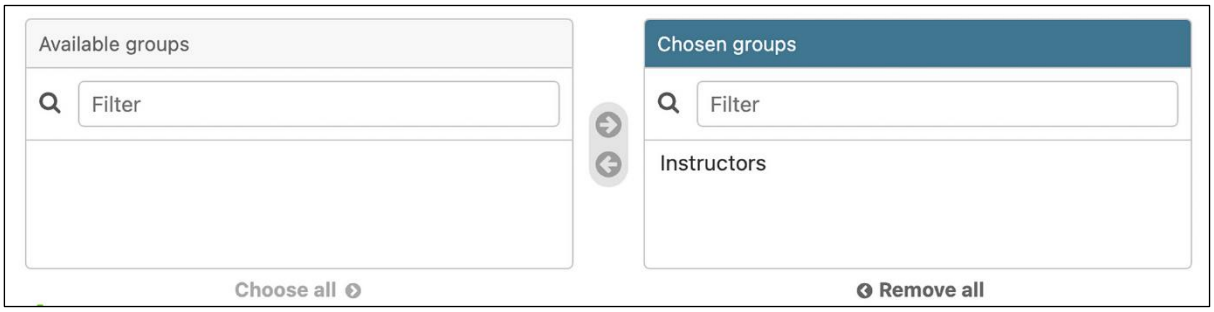

EDUCA
Sign in
Log-in
Please, use the following form to log-in:
Username:
Password:
LOG-IN

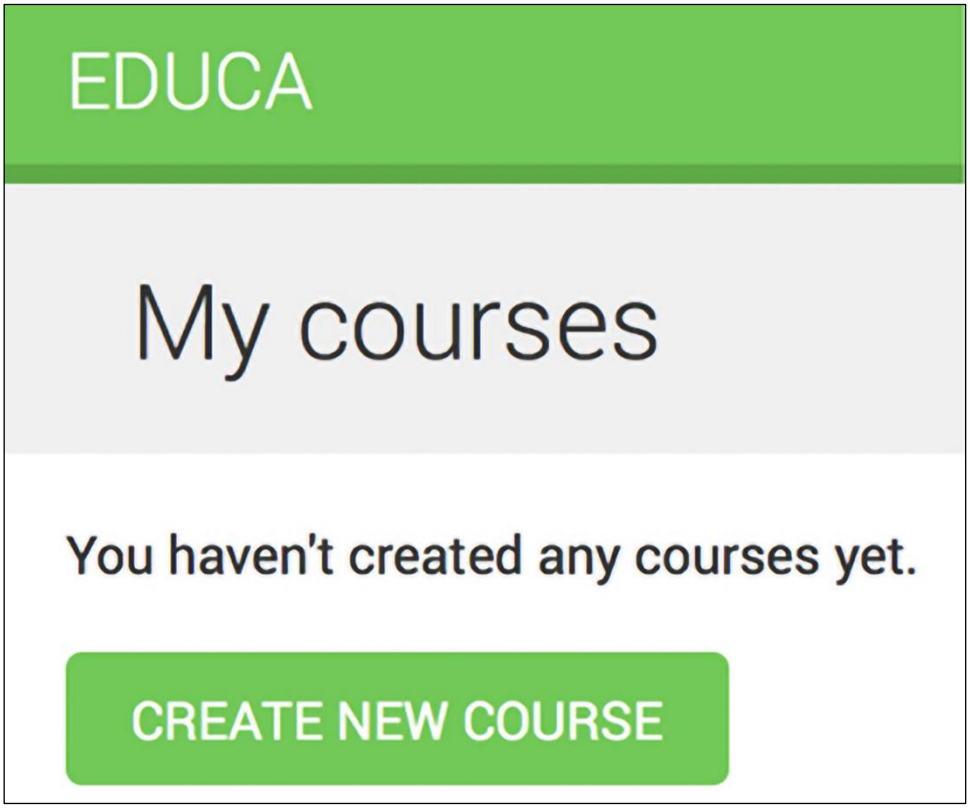

EDUCA
Sign in
Logged out
You have been successfully logged out. You can log-in again.

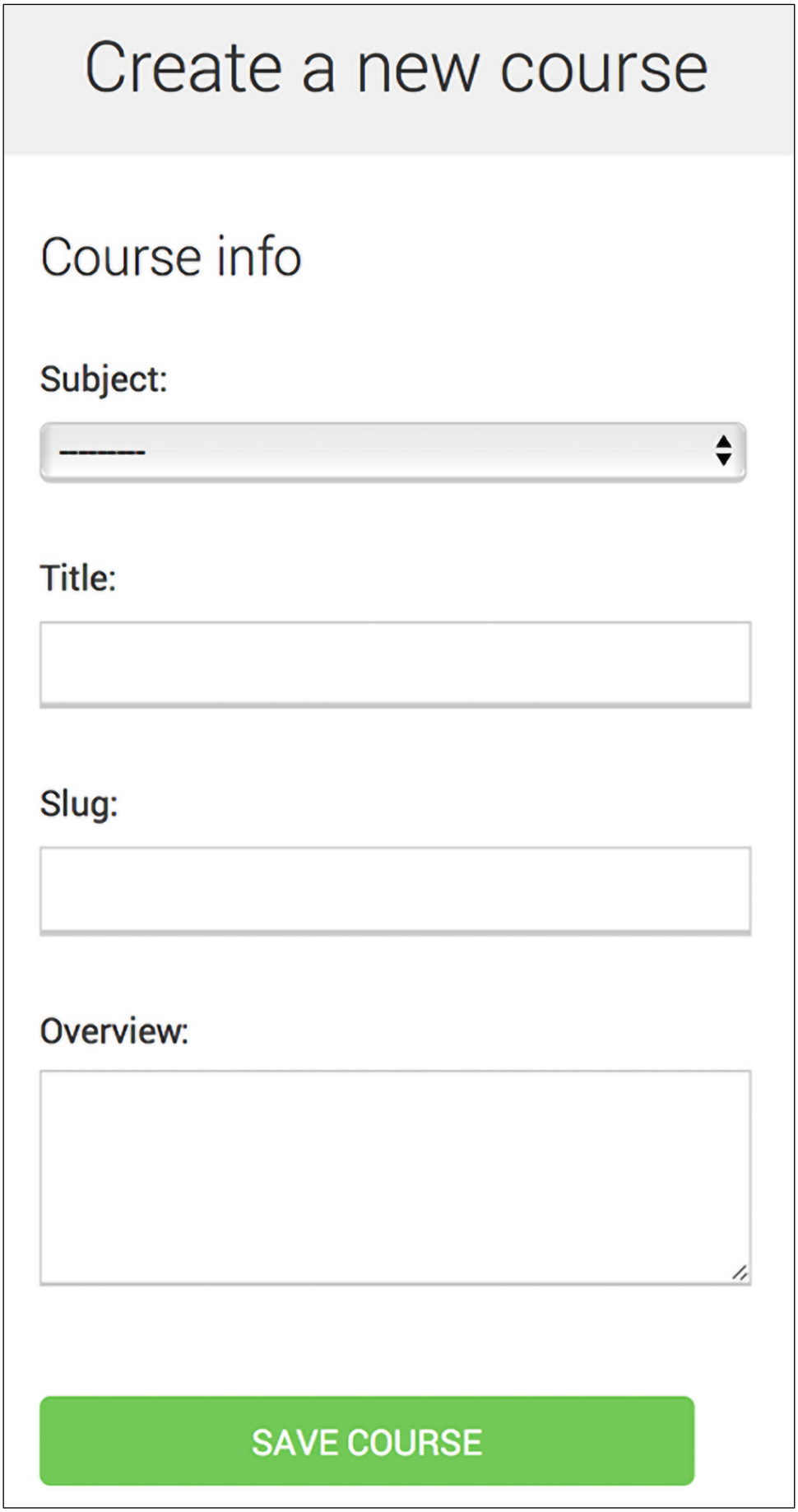
Chapter 13: Creating a Content Management System



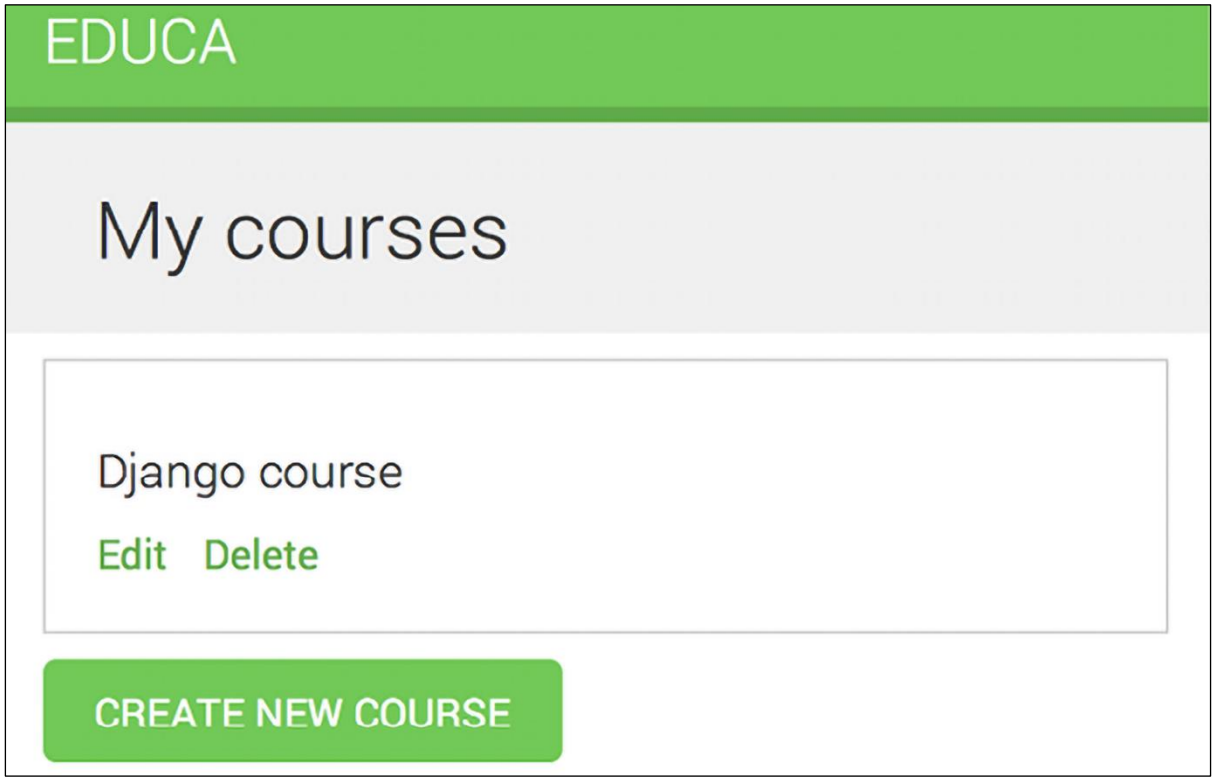

Add group
Name:
Instructors
Permissions:
Available permissions
courses
Courses | subject | Can add subject
Courses | subject | Can change subject
Courses | subject | Can delete subject
Courses | subject | Can view subject
Choose all
Chosen permissions
Filter
Courses | content | Can add content
Courses | content | Can change content
Courses | content | Can delete content
Courses | content | Can view content
Courses | course | Can add course
Courses | course | Can change course
Courses | course | Can delete course
Courses | course | Can view course
Courses | file | Can add file
Courses | file | Can change file
Courses | file | Can delete file
Courses | file | Can view file
Courses | image | Can add image
Remove all
Hold down "Control", or "Command" on a Mac, to select more than one.

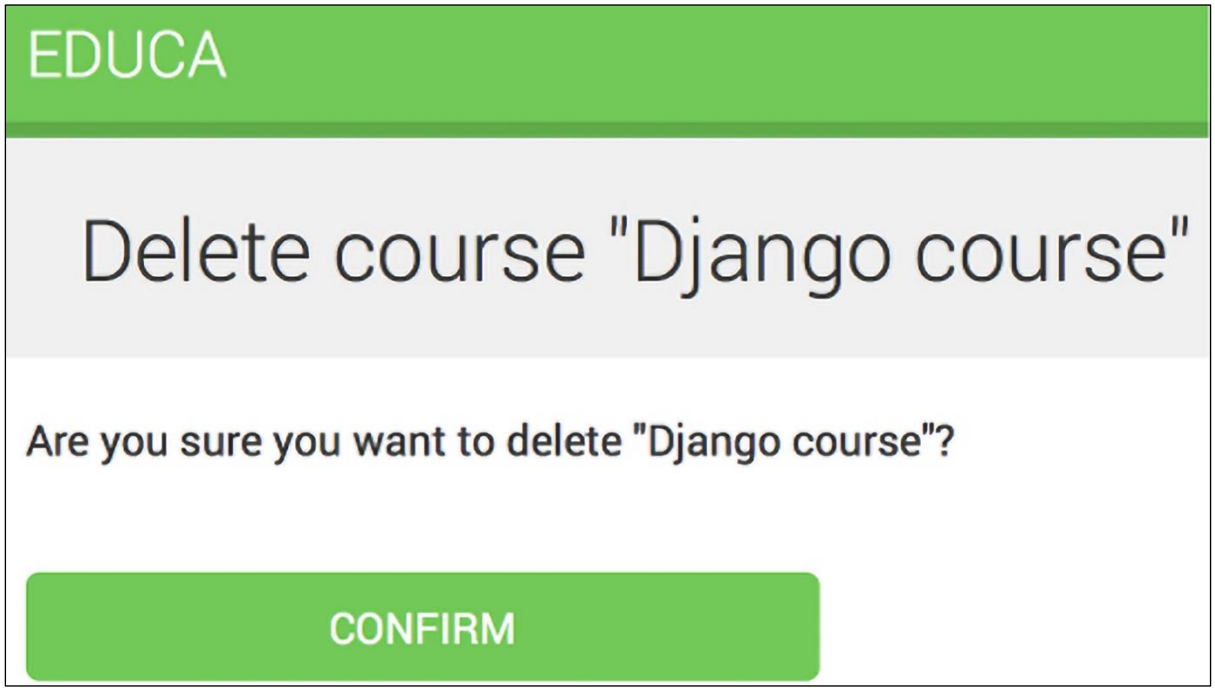

Available groups
Filter
Choose all
Chosen groups
Filter
Instructors
Remove all


EDUCA
My courses
You haven't created any courses yet.
CREATE NEW COURSE


Create a new course
Course info
Subject:

Title:
Slug:
Overview:
SAVE COURSE


EDUCA
My courses
Django course
Edit Delete
CREATE NEW COURSE


EDUCA
Delete course "Django course"
Are you sure you want to delete "Django course"?
CONFIRM

Edit "Django course"

Course modules

Title:

Description:

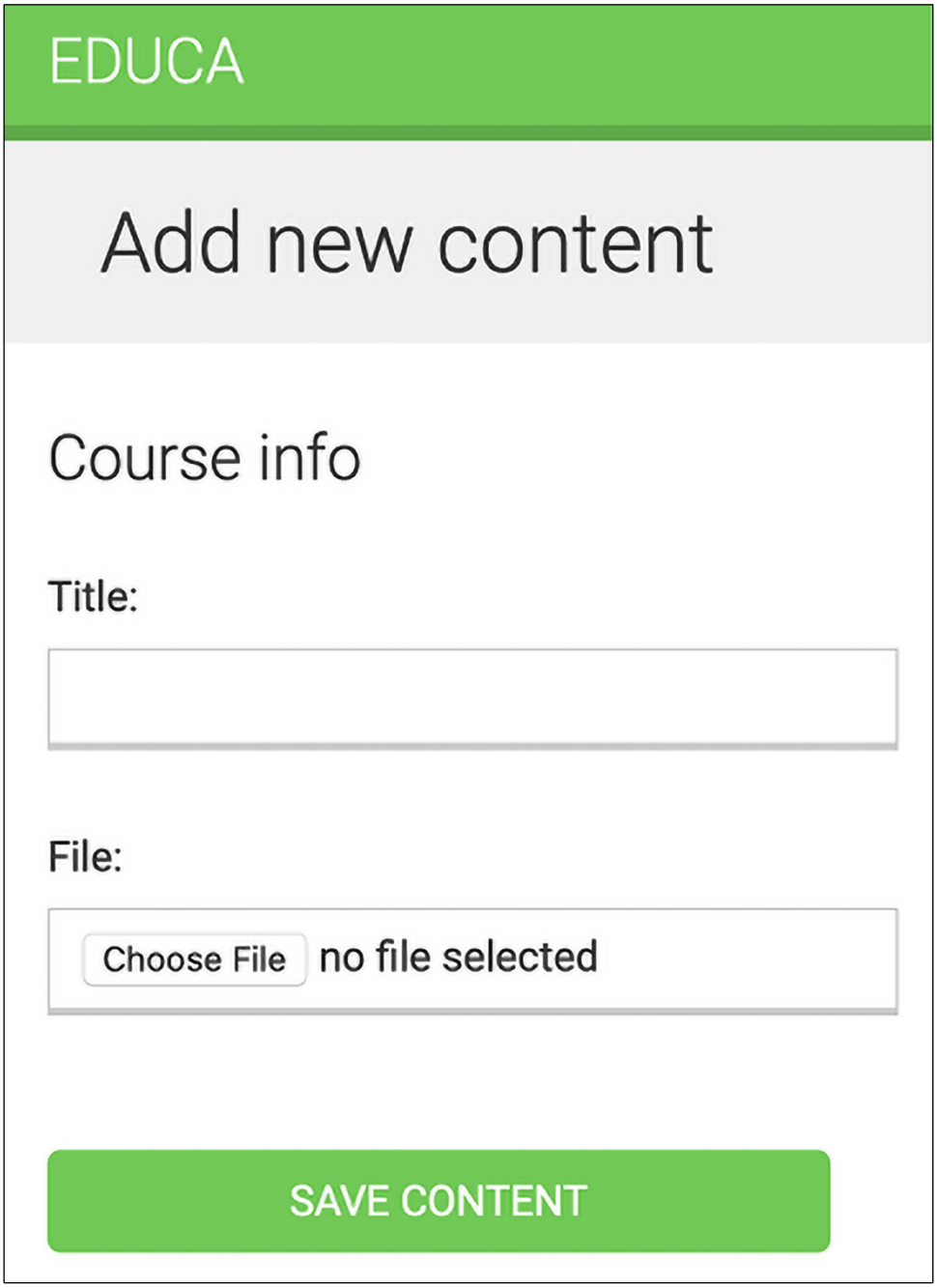
Delete:

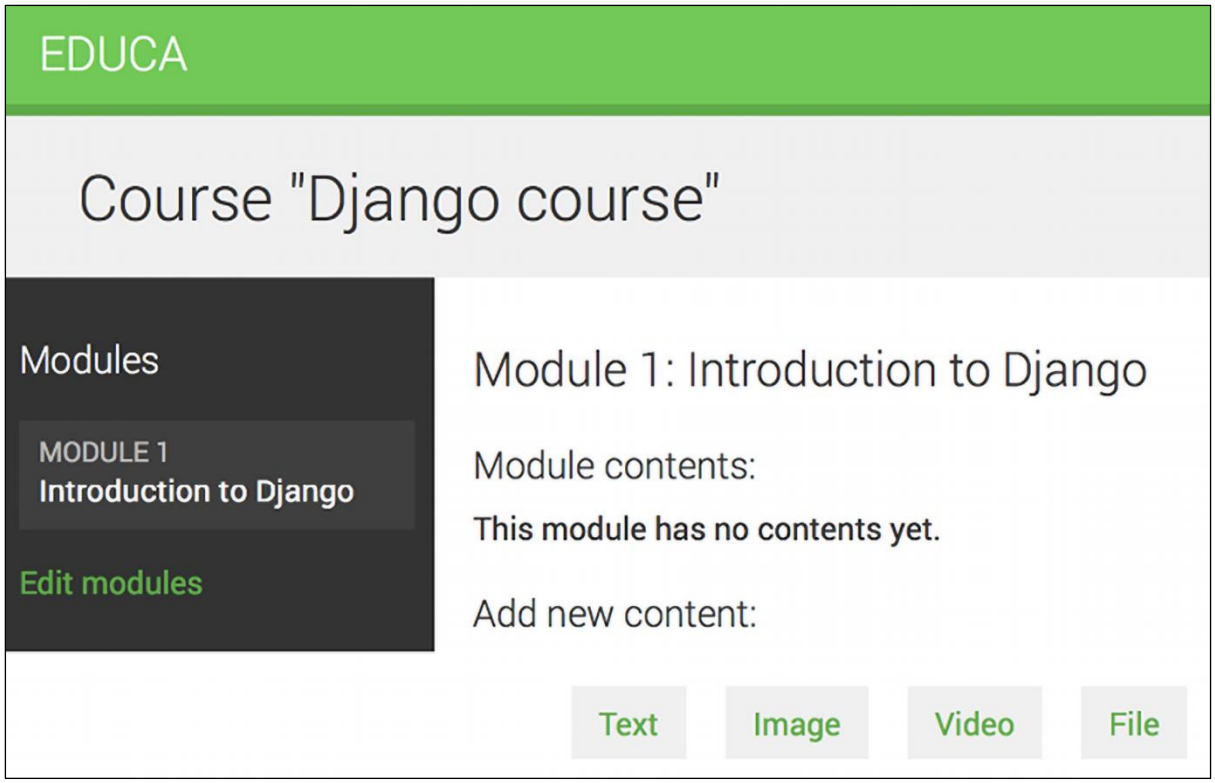
Title:

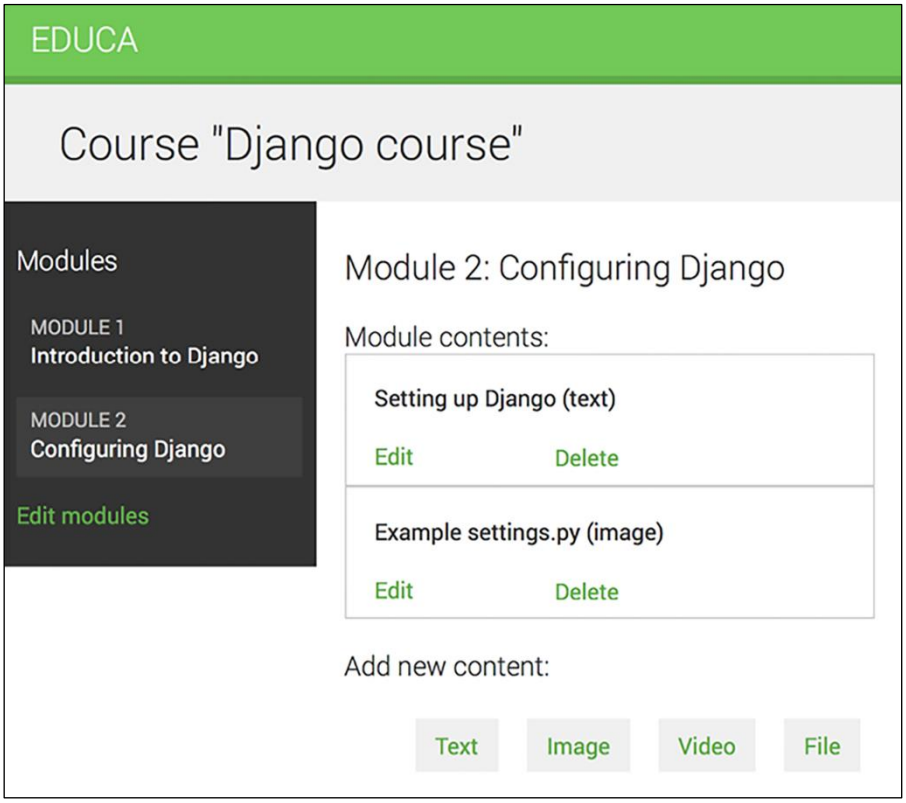
Description:

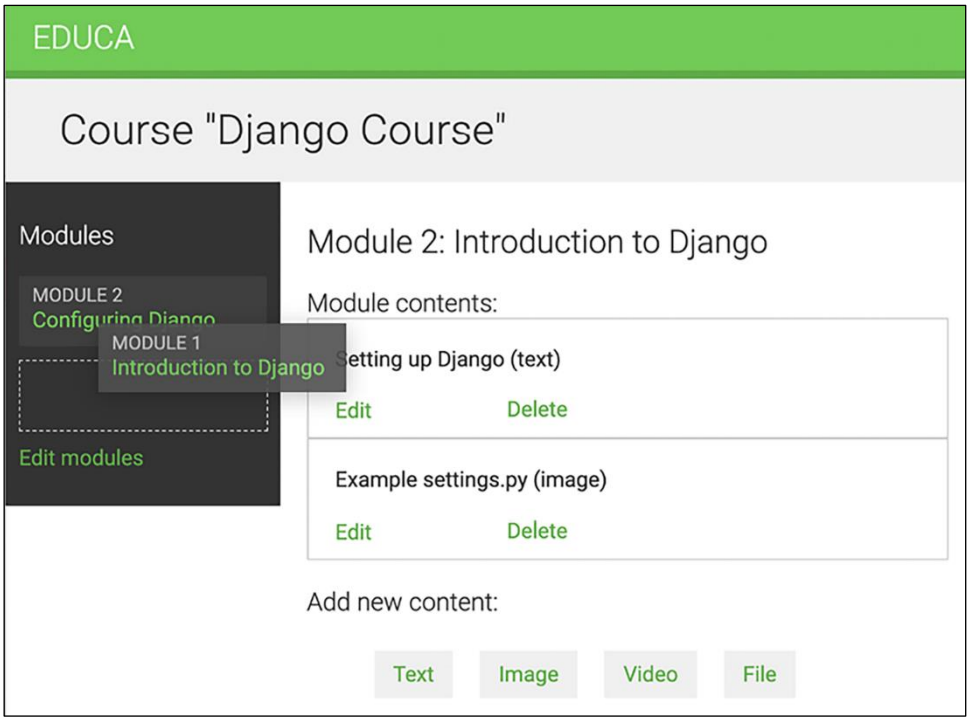
Delete:

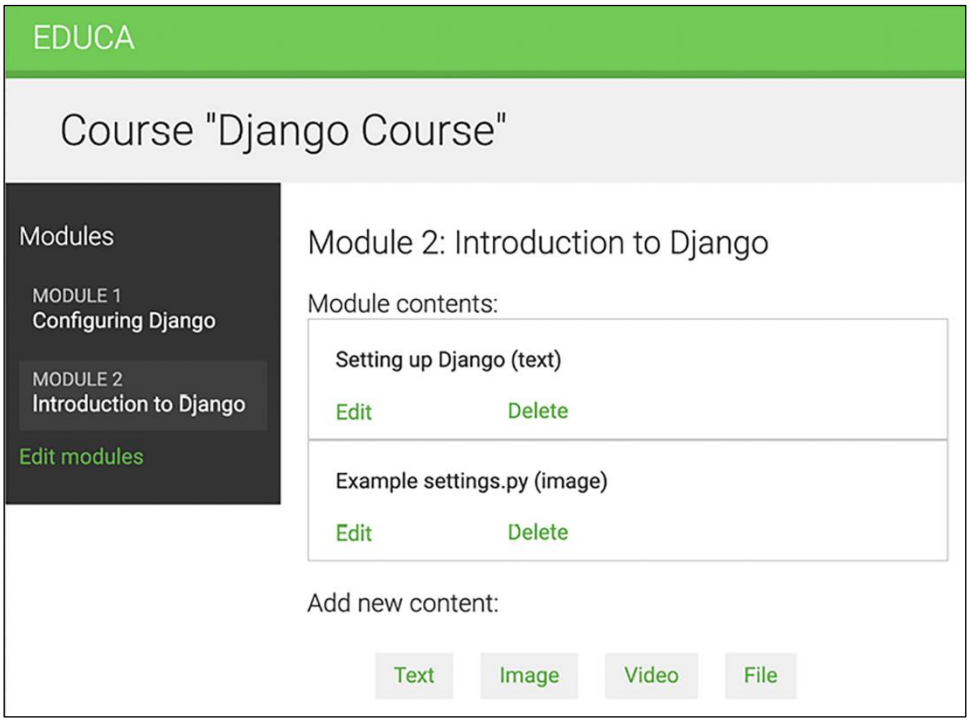
SAVE MODULES

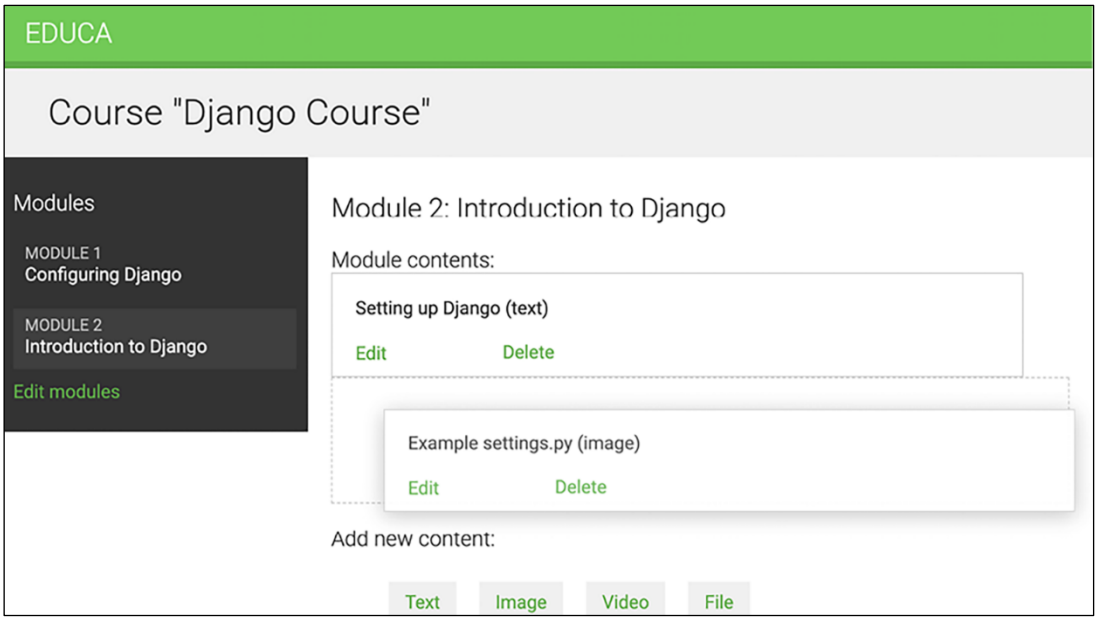

EDUCA
Add new content
Course info
Title:
File:
Choose File
no file selected
SAVE CONTENT


EDUCA
Course "Django course"
Modules
MODULE 1
Introduction to Django
Edit modules
Module 1: Introduction to Django
Module contents:
This module has no contents yet.
Add new content:
Text
Image
Video
File

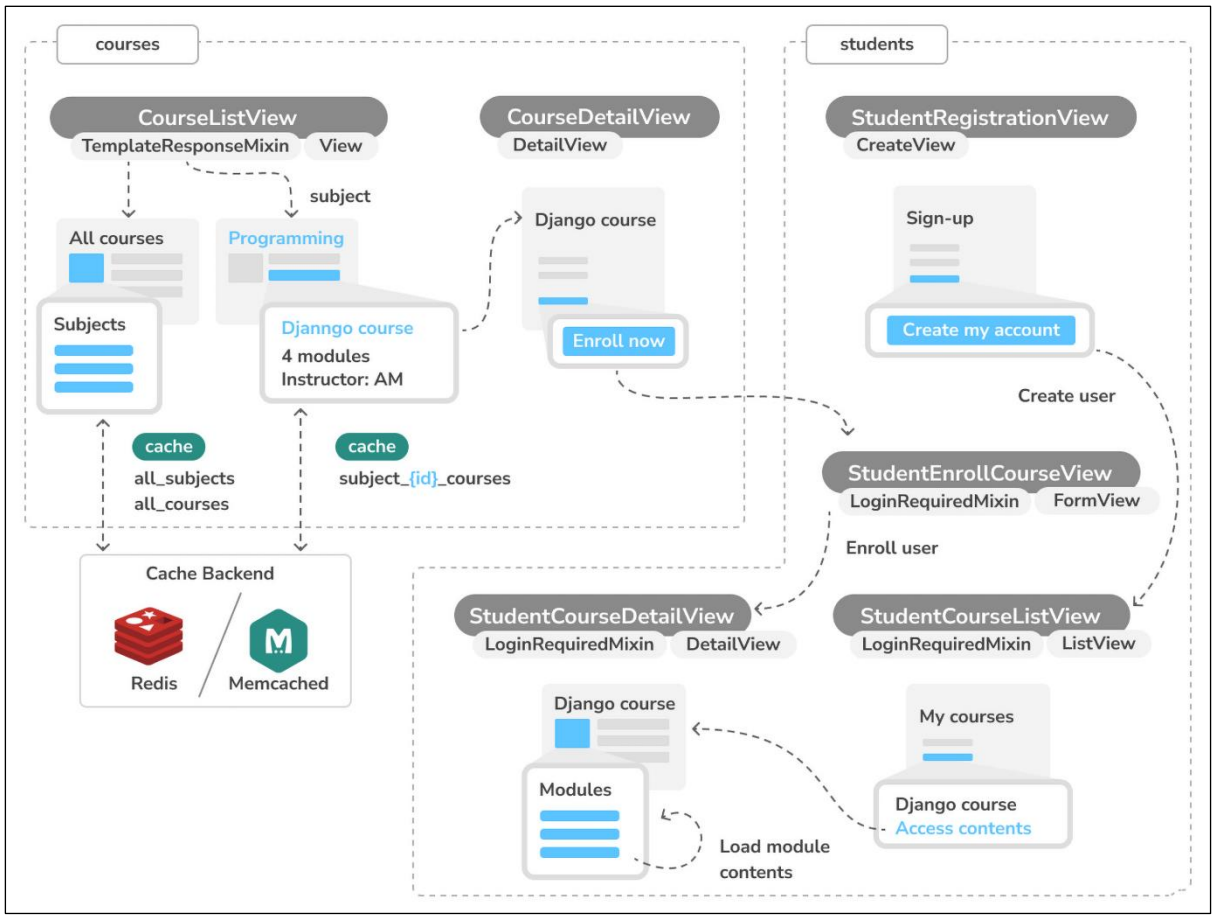

EDUCA
Course "Django course"
Modules
MODULE 1
Introduction to Django
MODULE 2
Configuring Django
Edit modules
Module 2: Configuring Django
Module contents:
Setting up Django (text)
Edit
Delete
Example settings.py (image)
Edit
Delete
Add new content:
Text
Image
Video
File

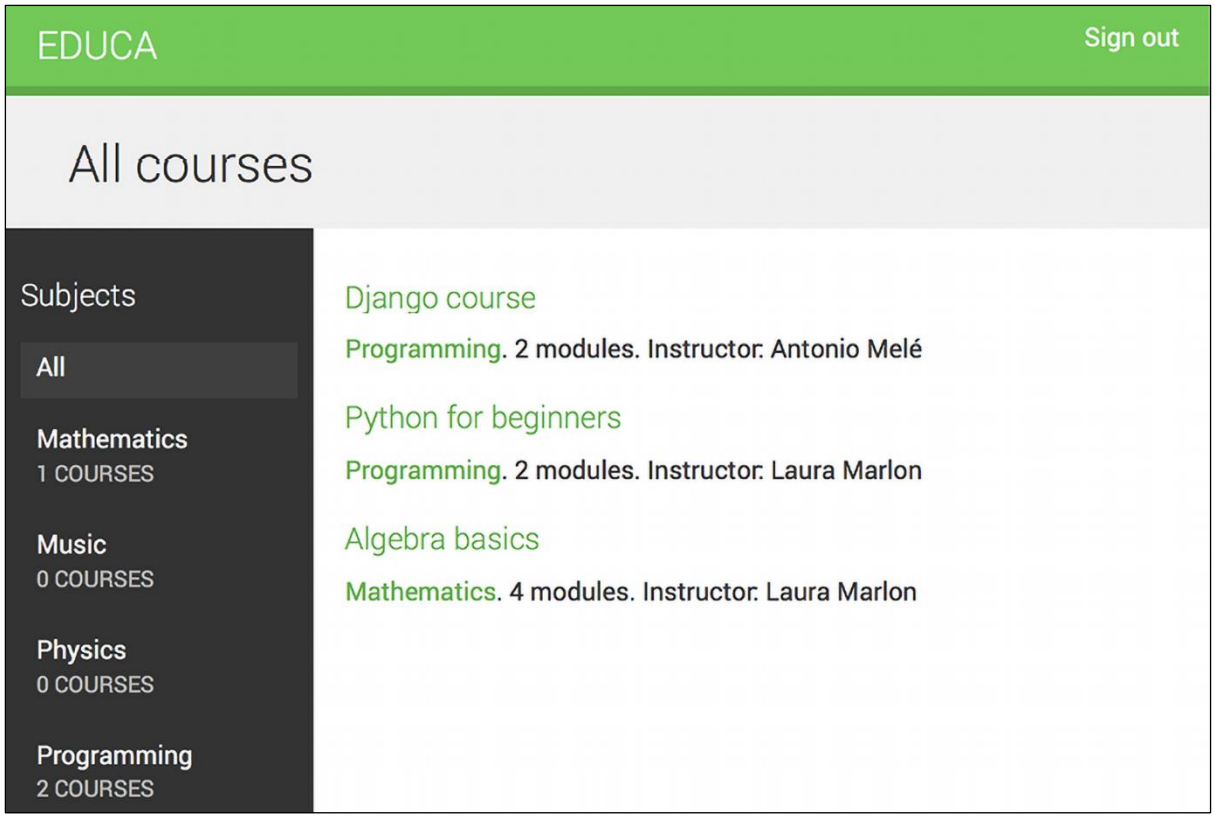

EDUCA
Course "Django Course"
Modules
MODULE 2
Configuring Django
MODULE 1
Introduction to Django
Edit modules
Module 2: Introduction to Django
Module contents:
Setting up Django (text)
Edit
Delete
Example settings.py (image)
Edit
Delete
Add new content:
Text
Image
Video
File


EDUCA
Course "Django Course"
Modules
MODULE 1
Configuring Django
MODULE 2
Introduction to Django
Edit modules
Module 2: Introduction to Django
Module contents:
Setting up Django (text)
Edit
Delete
Example settings.py (image)
Edit
Delete
Add new content:
Text
Image
Video
File

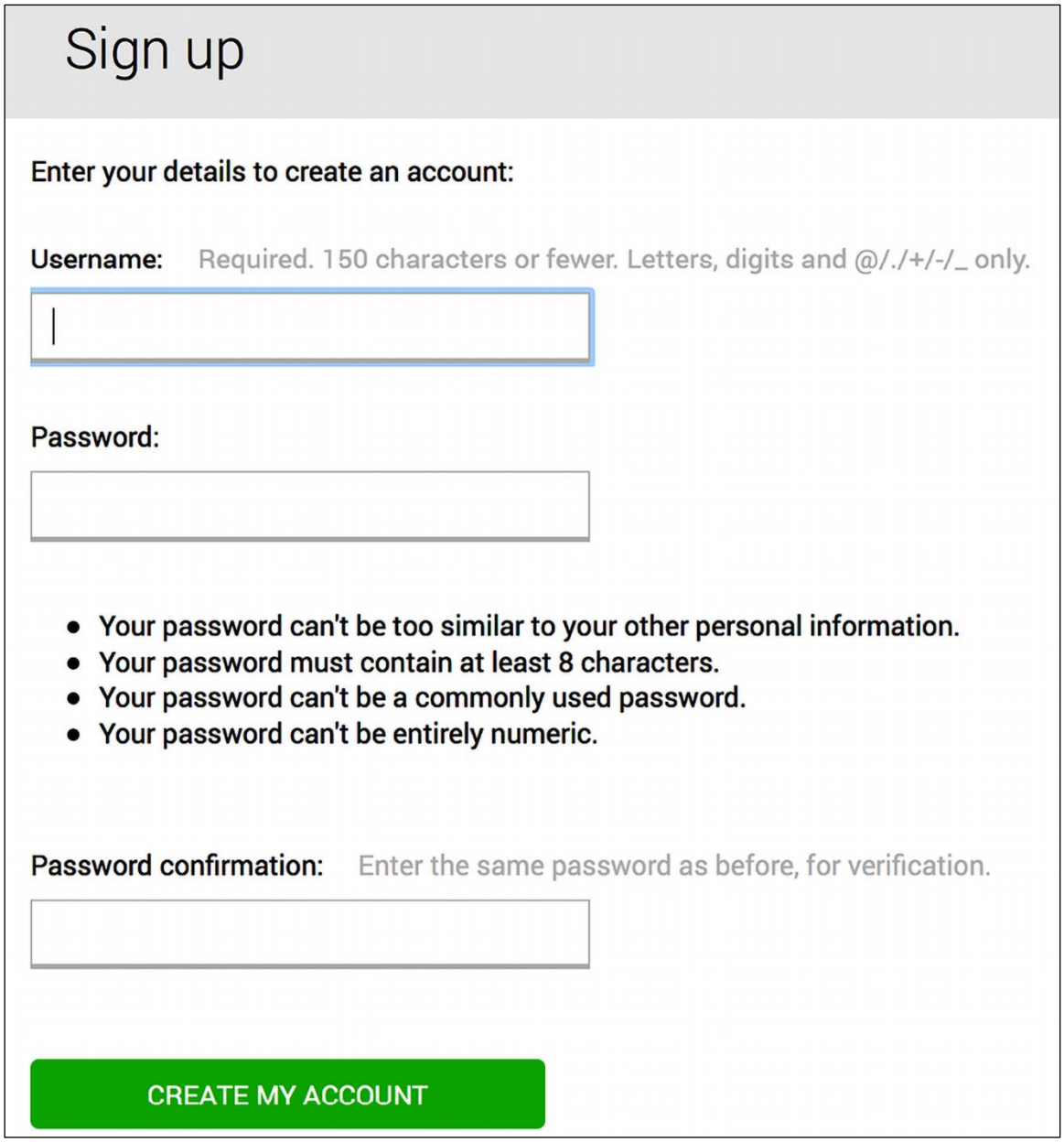

EDUCA
Course "Django Course"
Modules
MODULE 1
Configuring Django
MODULE 2
Introduction to Django
Edit modules
Module 2: Introduction to Django
Module contents:
Setting up Django (text)
Edit
Delete
Example settings.py (image)
Edit
Delete
Add new content:
Text
Image
Video
File

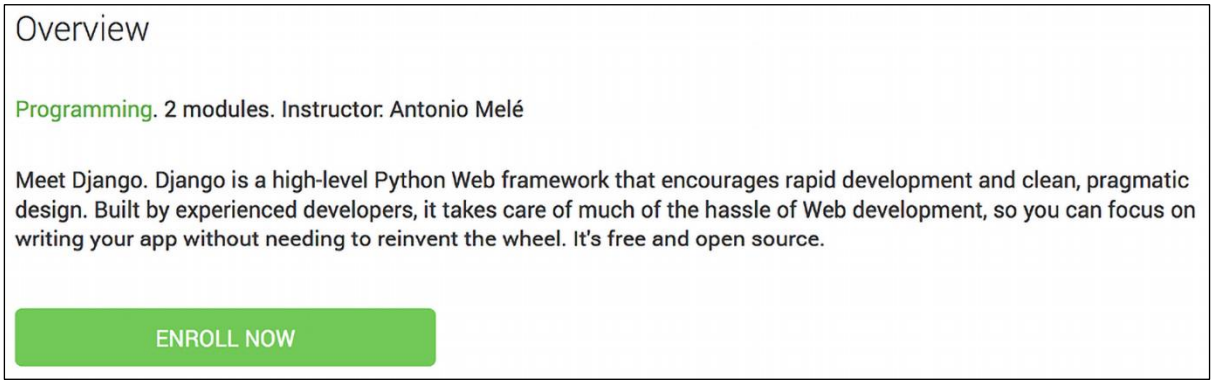
Chapter 14: Rendering and Caching Content

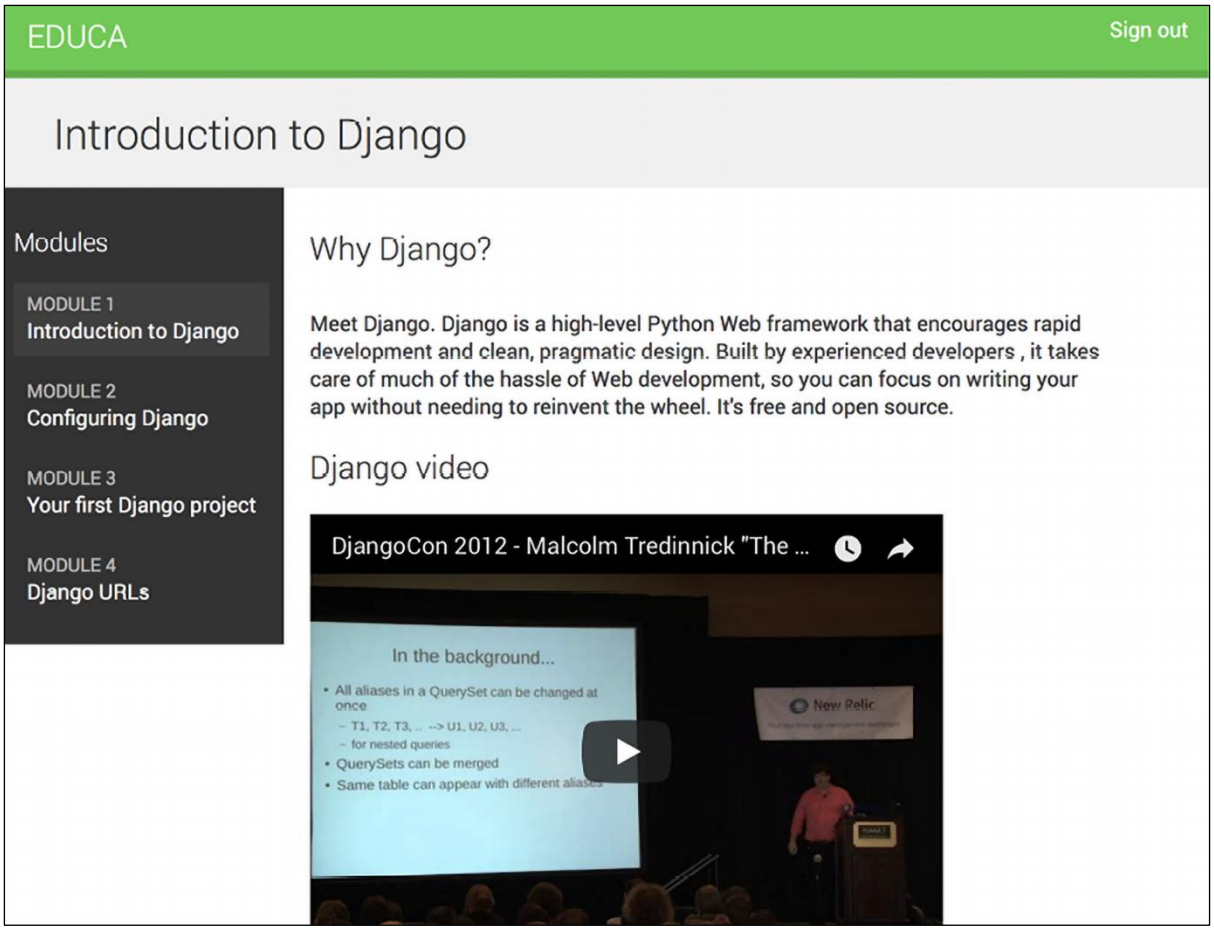



EDUCA
Sign out
All courses
Subjects
All
Mathematics
1 COURSES
Music
0 COURSES
Physics
0 COURSES
Programming
2 COURSES
Django course
Programming. 2 modules. Instructor: Antonio Melé
Python for beginners
Programming. 2 modules. Instructor: Laura Marlon
Algebra basics
Mathematics. 4 modules. Instructor: Laura Marlon


EDUCA
Sign out
Django course
Overview
Programming. 2 modules. Instructor: Antonio Melé
Meet Django. Django is a high-level Python Web framework that encourages rapid development and clean, pragmatic design. Built by experienced developers, it takes care of much of the hassle of Web development, so you can focus on writing your app without needing to reinvent the wheel. It's free and open source.


Sign up
Enter your details to create an account:
Username: Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.
Password:
Your password can't be too similar to your other personal information.
Your password must contain at least 8 characters.
Your password can't be a commonly used password.
Your password can't be entirely numeric.
Password confirmation: Enter the same password as before, for verification.
CREATE MY ACCOUNT


Overview
Programming. 2 modules. Instructor: Antonio Melé
Meet Django. Django is a high-level Python Web framework that encourages rapid development and clean, pragmatic design. Built by experienced developers, it takes care of much of the hassle of Web development, so you can focus on writing your app without needing to reinvent the wheel. It's free and open source.
ENROLL NOW



Cache calls from 1 backend

Summary

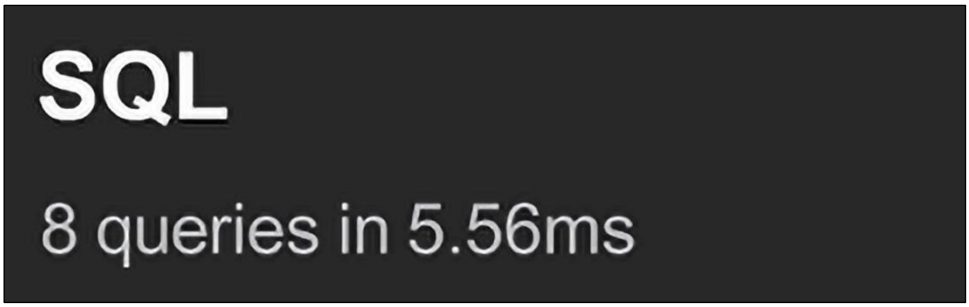
Total calls	Total time	Cache hits	Cache misses
2	9.496540762484074 ms	0	1

Commands

add	get	set	get_or_set	touch	delete	clear	get_many	set_many	delete_many	has_key	incr	decr	incr_version	decr_version
0	1	1	0	0	0	0	0	0	0	0	0	0	0	0

Calls

Time (ms)	Type	Arguments	Keyword arguments	Backend
4.0796	get	('all_subjects',)	{}	<django.core.cache.backends.redis.RedisCache object at 0x105c17dd0>
5.4169	set	('all_subjects', <QuerySet [<Subject: Mathematics>, <Subject: Music>, <Subject: Physics>, <Subject: Programming>]>)	{}	<django.core.cache.backends.redis.RedisCache object at 0x105c17dd0>



Cache calls from 1 backend

Summary

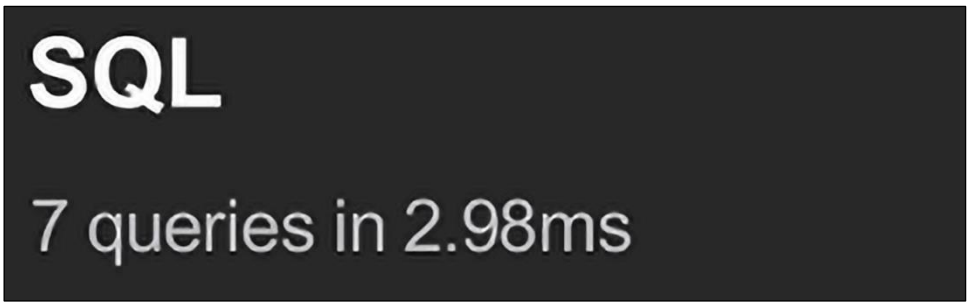
Total calls	Total time	Cache hits	Cache misses
1	5.344499833881855 ms	1	0

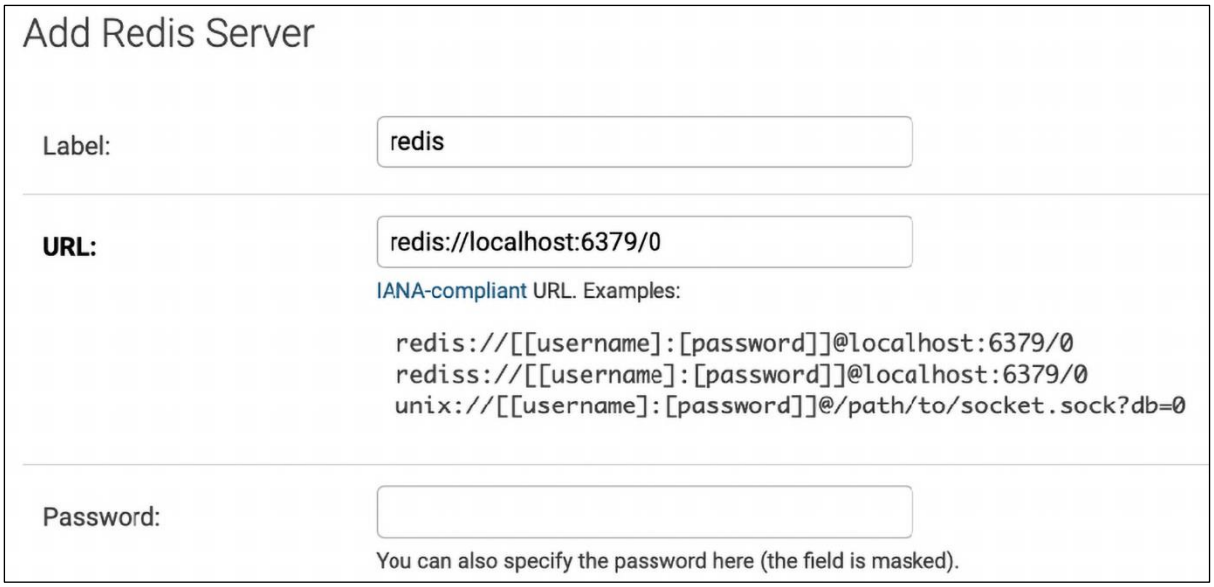
Commands

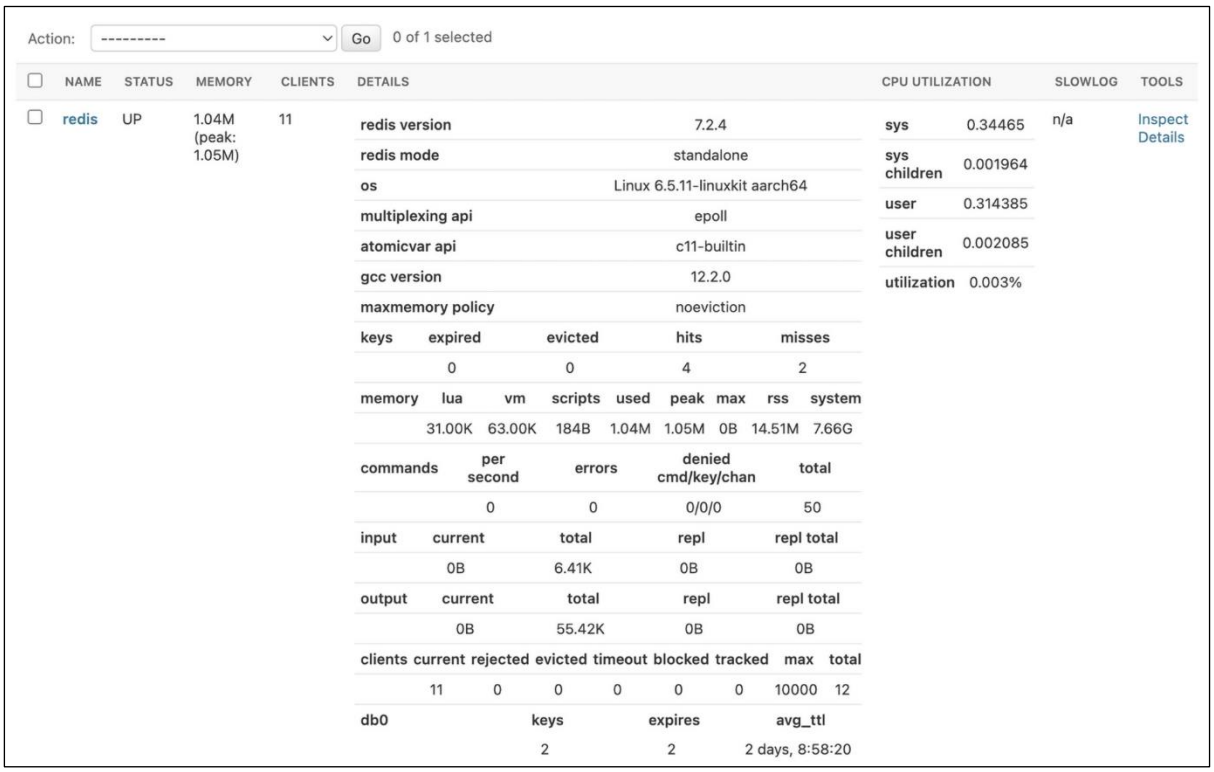
add	get	set	get_or_set	touch	delete	clear	get_many	set_many	delete_many	has_key	incr	decr	incr_version	decr_version
0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

Calls

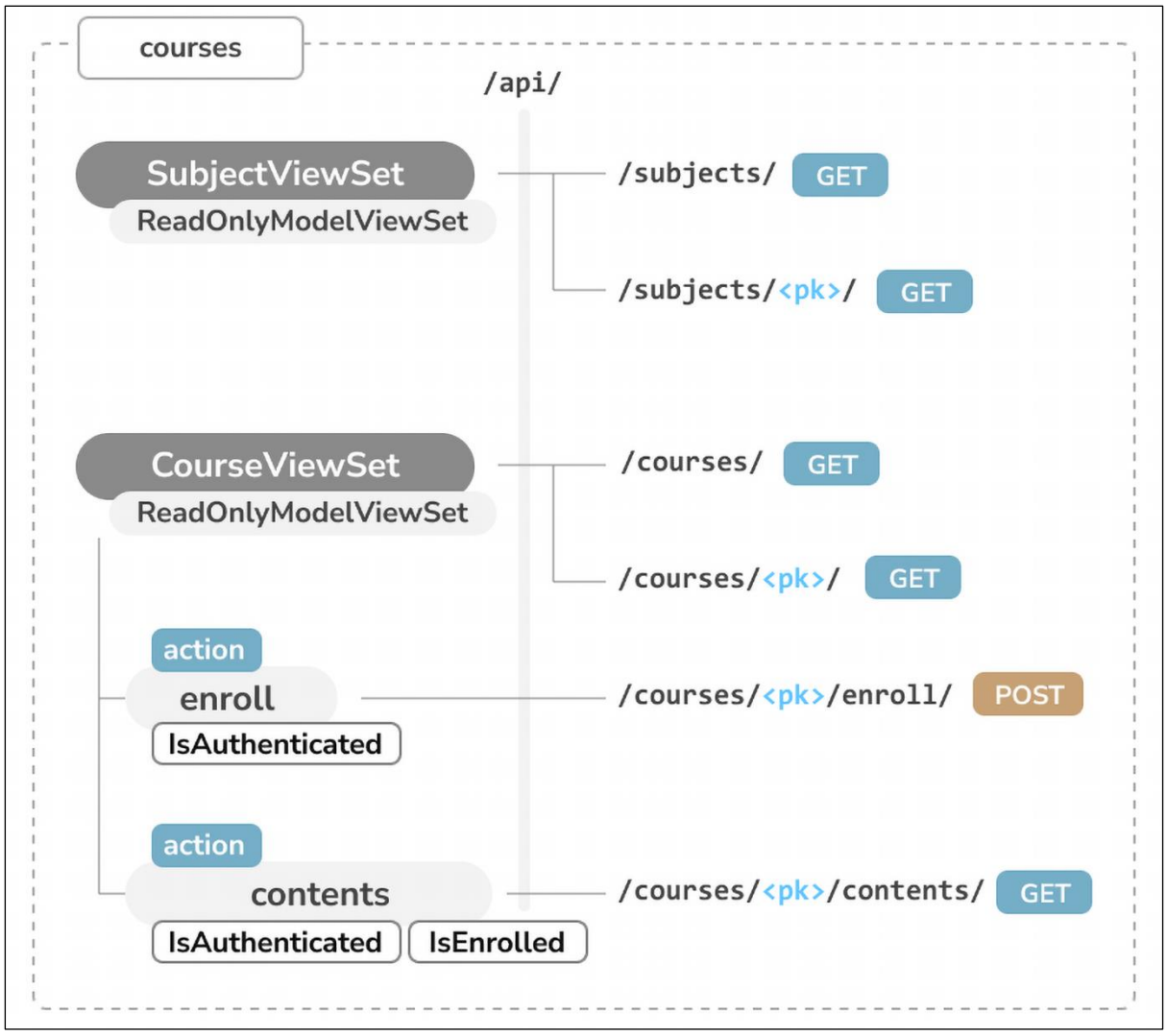
Time (ms)	Type	Arguments	Keyword arguments	Backend
5.3445	get	('all_subjects',)	{}	<django.core.cache.backends.redis.RedisCache object at 0x106168690>




Add Redis Server
Label:
redis
URL:
redis://localhost:6379/0
IANA-compliant URL. Examples:
redis://[[username]:[password]]@localhost:6379/0
rediss://[[username]:[password]]@localhost:6379/0
unix://[[username]:[password]]@/path/to/socket.sock?db=0
Password:
You can also specify the password here (the field is masked).


Action: --------- Go 0 of 1 selected
NAME STATUS MEMORY CLIENTS DETAILS CPU UTILIZATION SLOWLOG TOOLS
redis UP 1.04M (peak: 1.05M) 11
redis version 7.2.4
redis mode standalone
os Linux 6.5.11-linuxkit aarch64
multiplexing api epoll
atomicvar api c11-builtin
gcc version 12.2.0
maxmemory policy noeviction
keys expired evicted hits misses
0 0 4 2
memory lua vm scripts used peak max rss system
31.00K 63.00K 184B 1.04M 1.05M 0B 14.51M 7.66G
commands per second errors denied cmd/key/chan total
0 0 0/0/0 50
input current total repl repl total
0B 6.41K 0B 0B
output current total repl repl total
0B 55.42K 0B 0B
clients current rejected evicted timeout blocked tracked max total
11 0 0 0 0 0 10000 12
db0 keys expires avg_ttl
2 2 2 days, 8:58:20
sys 0.34465
sys children 0.001964
user 0.314385
user children 0.002085
utilization 0.003%
n/a
Inspect
Details

Chapter 15: Building an API



Subject List

OPTIONS GET

```
GET /api/subjects/
```

```
HTTP 200 OK
Allow: GET, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

[
    {
        "id": 1,
        "title": "Mathematics",
        "slug": "mathematics"
    },
    {
        "id": 2,
        "title": "Music",
        "slug": "music"
    },
    {
        "id": 3,
        "title": "Physics",
        "slug": "physics"
    },
    {
        "id": 4,
        "title": "Programming",
        "slug": "programming"
    }
]
```

Subject Detail

OPTIONS GET

```
GET /api/subjects/1/
```

```
HTTP 200 OK
Allow: GET, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

{
    "id": 1,
    "title": "Mathematics",
    "slug": "mathematics"
}
```

```
HTTP 200 OK
Allow: GET, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

{
    "id": 1,
    "title": "Mathematics",
    "slug": "mathematics",
    "total_courses": 4
}
```

```
HTTP 200 OK
Allow: GET, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

{
    "id": 1,
    "title": "Mathematics",
    "slug": "mathematics",
    "total_courses": 4,
    "popular_courses": [
        "Mathematics for Machine Learning (3 students)",
        "Introduction to Algebra (2 students)",
        "Discrete Mathematics (2 students)"
    ]
}
```

```
GET /api/subjects/?page_size=2&page=1
```

```
HTTP 200 OK
Allow: GET, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

{
    "count": 4,
    "next": "http://127.0.0.1:8000/api/subjects/?page=2&page_size=2",
    "previous": null,
    "results": [
        {
            "id": 1,
            "title": "Mathematics",
            "slug": "mathematics",
            "total_courses": 4,
            "popular_courses": [
                "Mathematics for Machine Learning (3 students)",
                "Introduction to Algebra (2 students)",
                "Discrete Mathematics (2 students)"
            ]
        },
        {
            "id": 2,
            "title": "Music",
            "slug": "music",
            "total_courses": 2,
            "popular_courses": [
                "Songwriting and Composition (5 students)",
                "Foundations of Music Theory (2 students)"
            ]
        }
    ]
}
```

Api Root

OPTIONS GET

The default basic root view for DefaultRouter

```
GET /api/
```

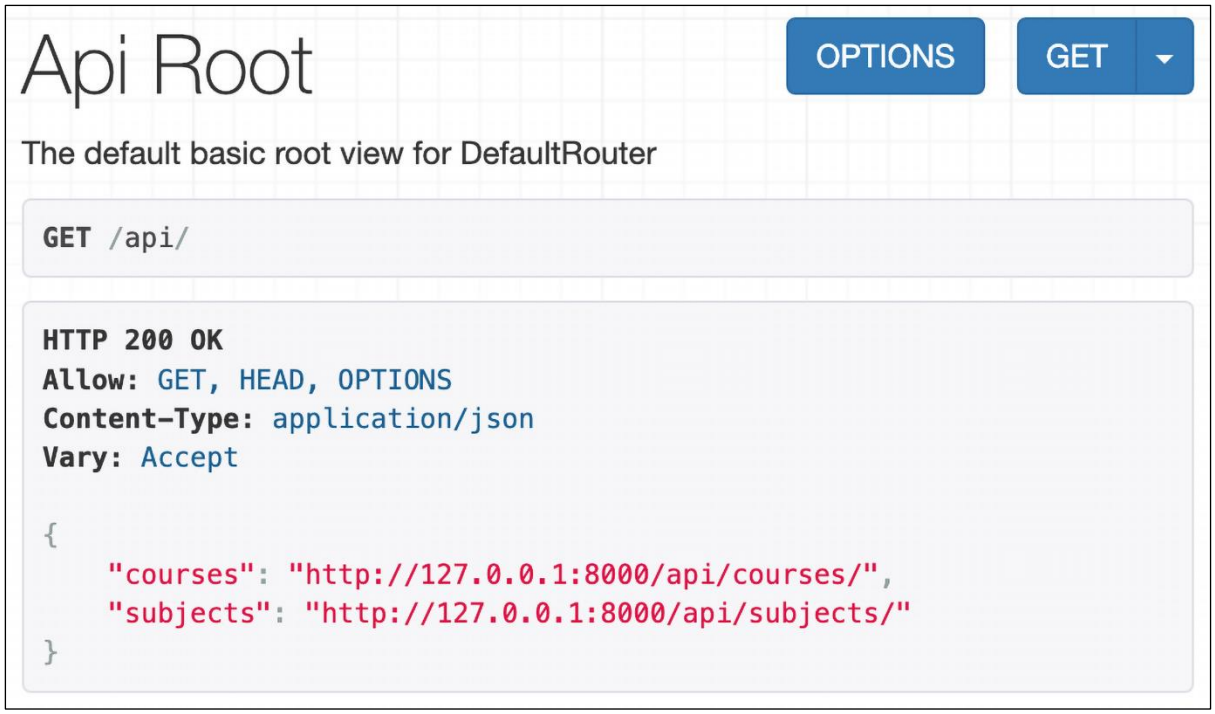
```
HTTP 200 OK
Allow: GET, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

{
    "courses": "http://127.0.0.1:8000/api/courses/"
}
```

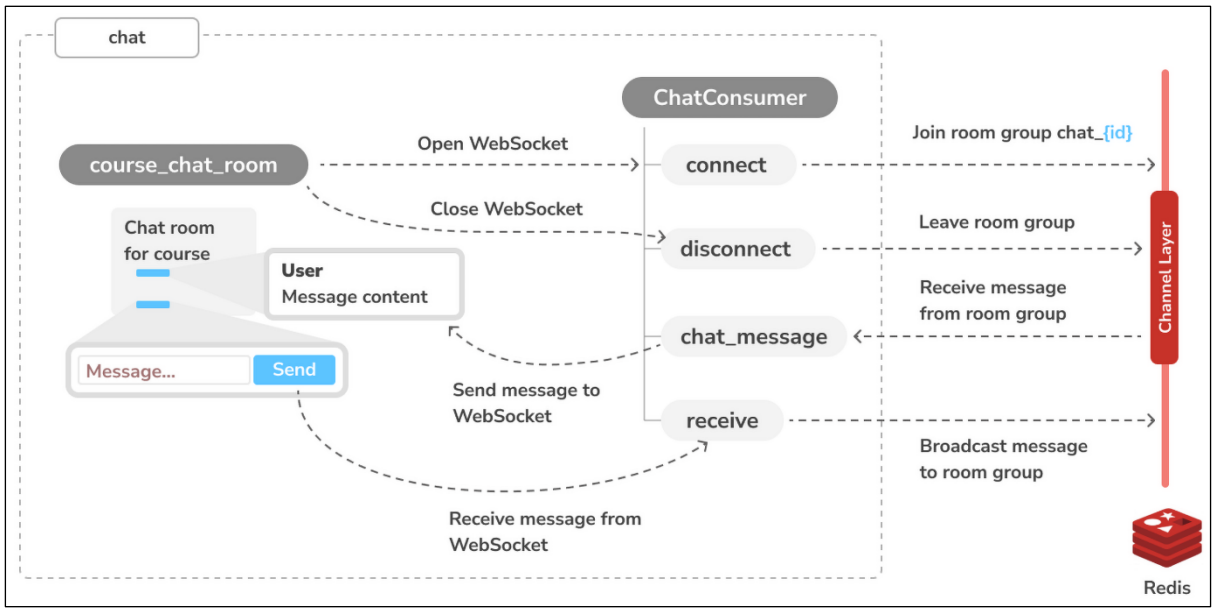
```
GET /api/courses/
```

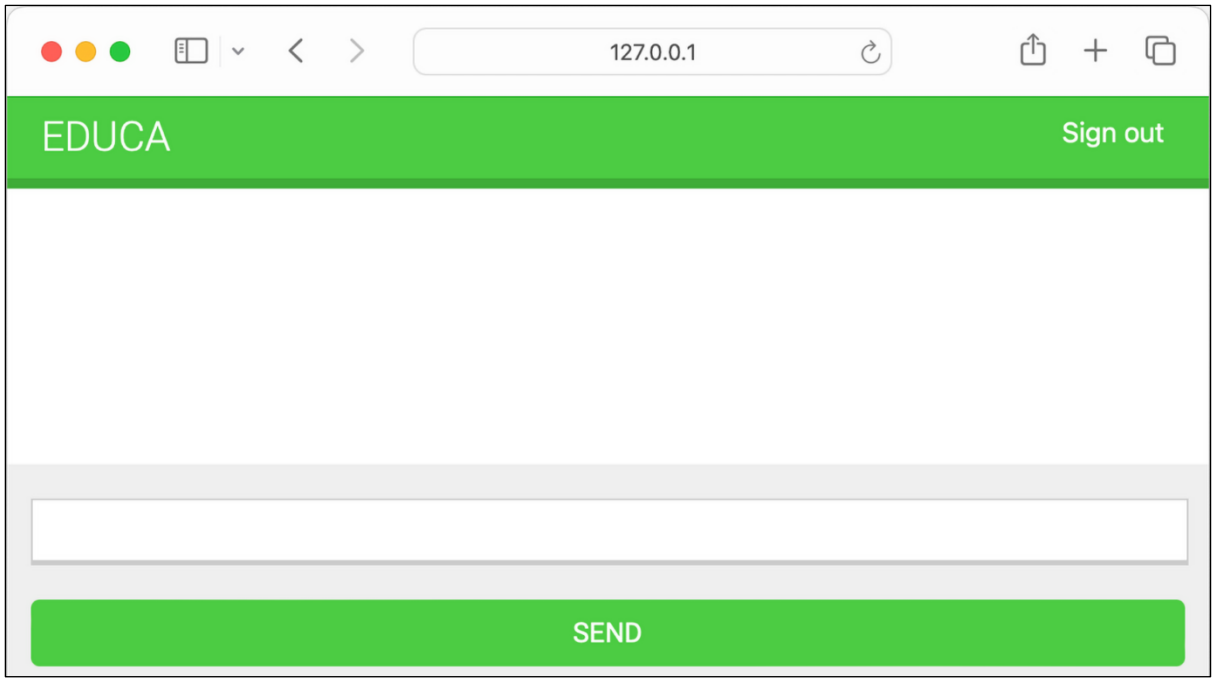
```
HTTP 200 OK
Allow: GET, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

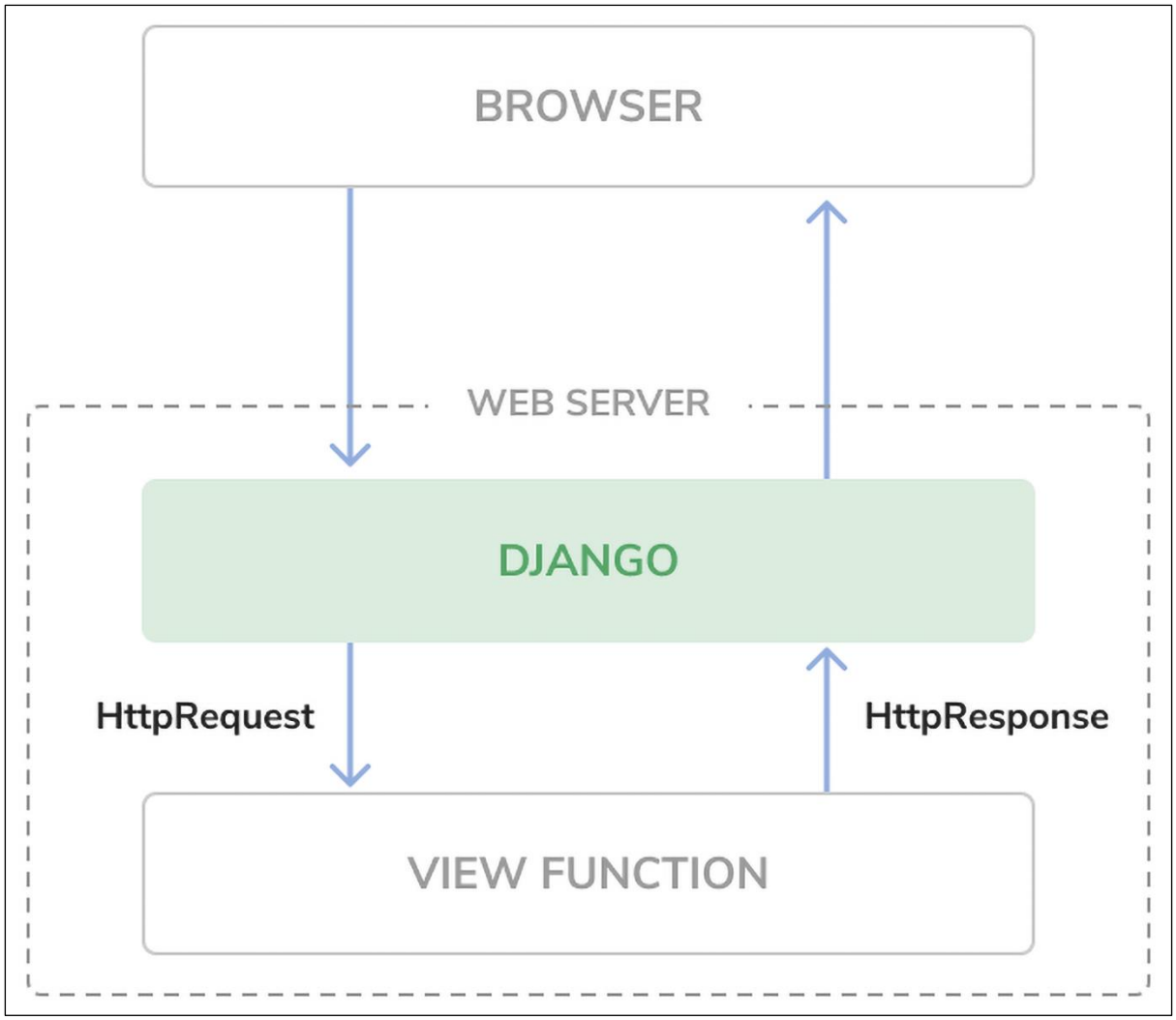
{
    "count": 8,
    "next": null,
    "previous": null,
    "results": [
        {
            "title": "Django Course",
            "slug": "django-course",
            "overview": "Django course example",
            "created": "2024-03-12T16:47:15.691931Z",
            "owner": 1,
            "modules": [
                {
                    "order": 0,
                    "title": "Installing Django",
                    "description": "Learn how to install Python and Django."
                },
                {
                    "order": 1,
                    "title": "Configuring Django",
                    "description": "Set up your first Django project."
                }
            ]
        }
```

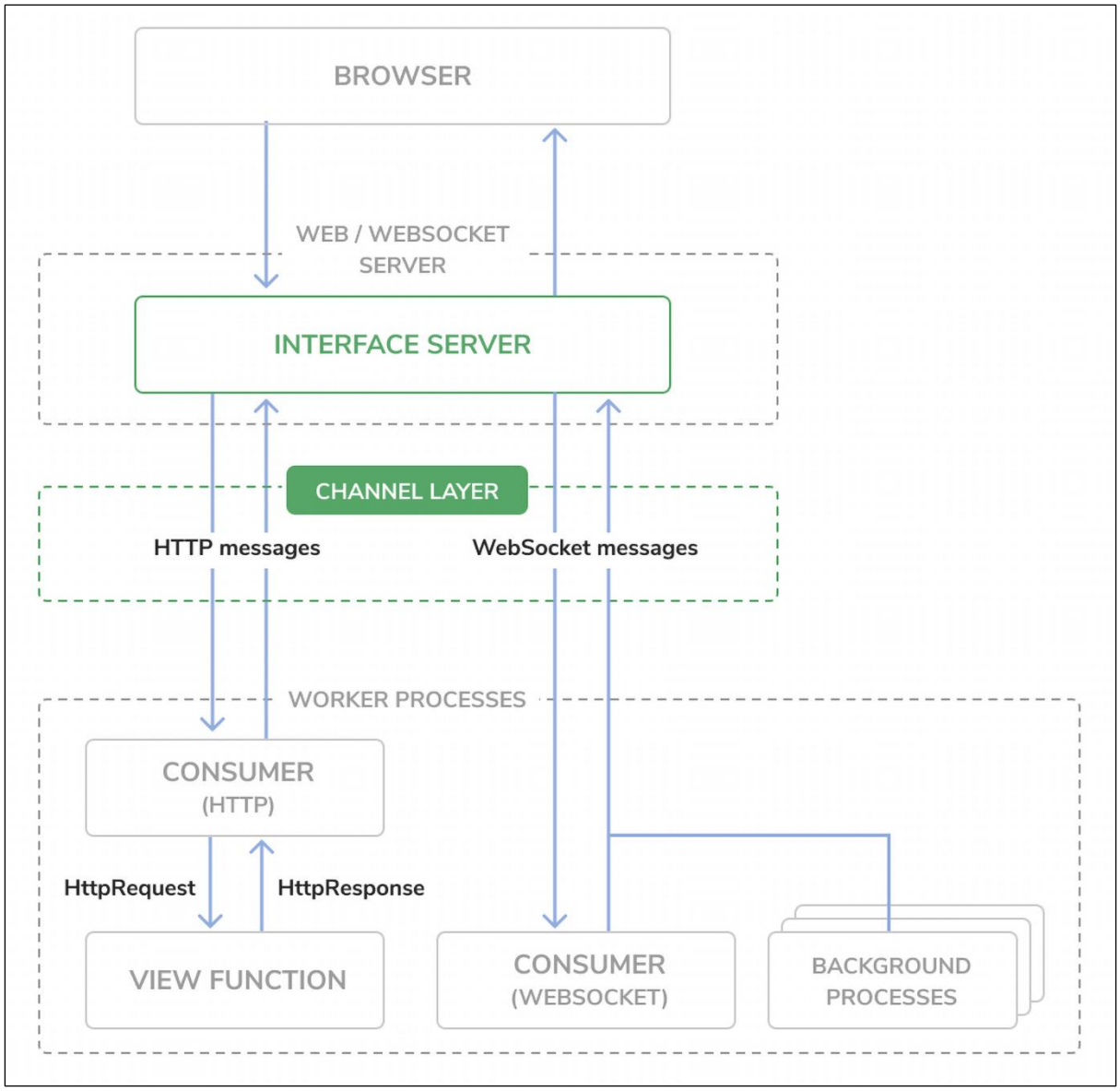

Api Root
OPTIONS
GET
The default basic root view for DefaultRouter
GET /api/
HTTP 200 OK
Allow: GET, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept
{
"courses": "http://127.0.0.1:8000/api/courses/",
"subjects": "http://127.0.0.1:8000/api/subjects/"
}

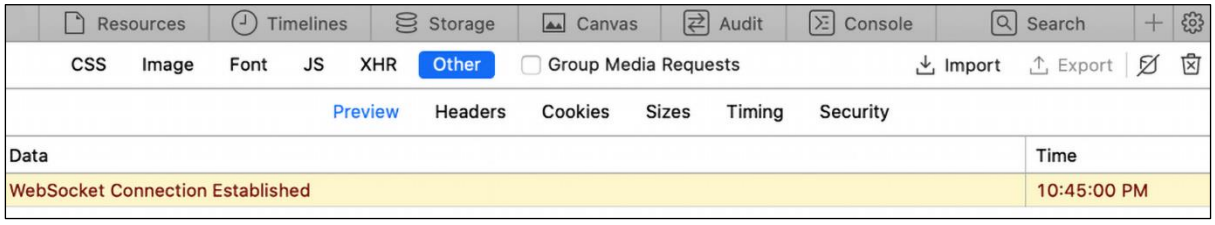
Chapter 16: Building a Chat Server

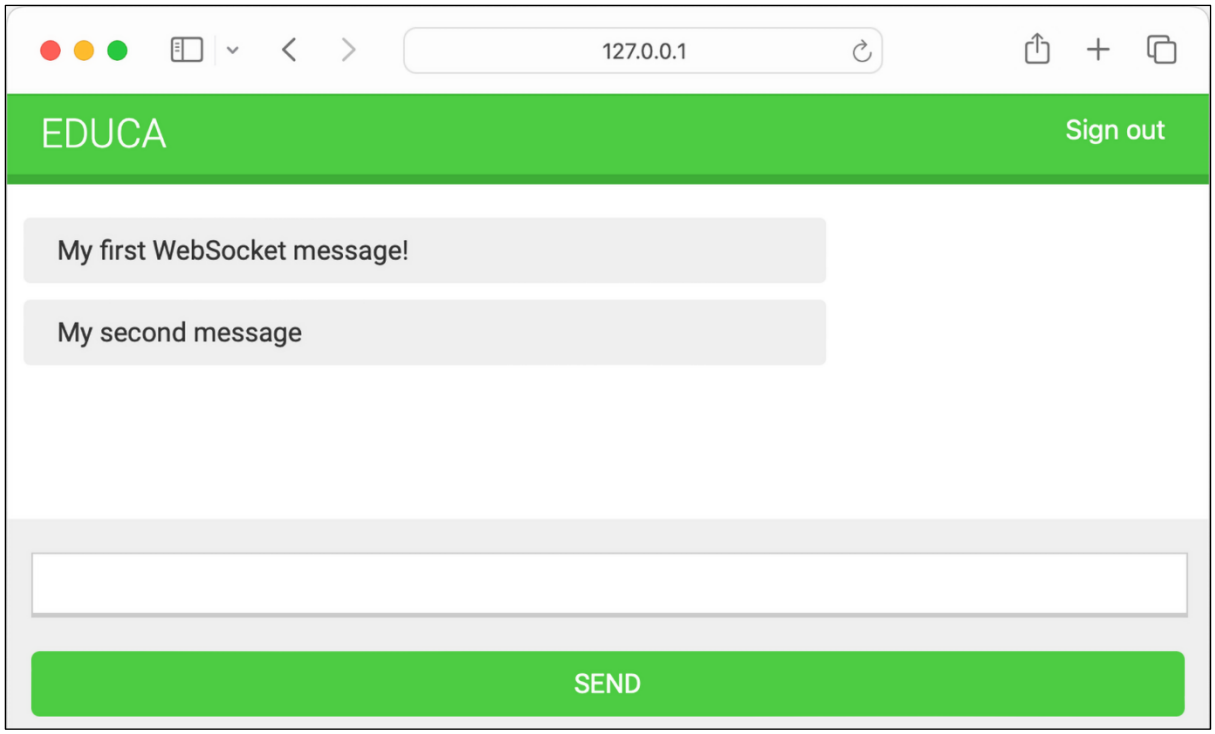


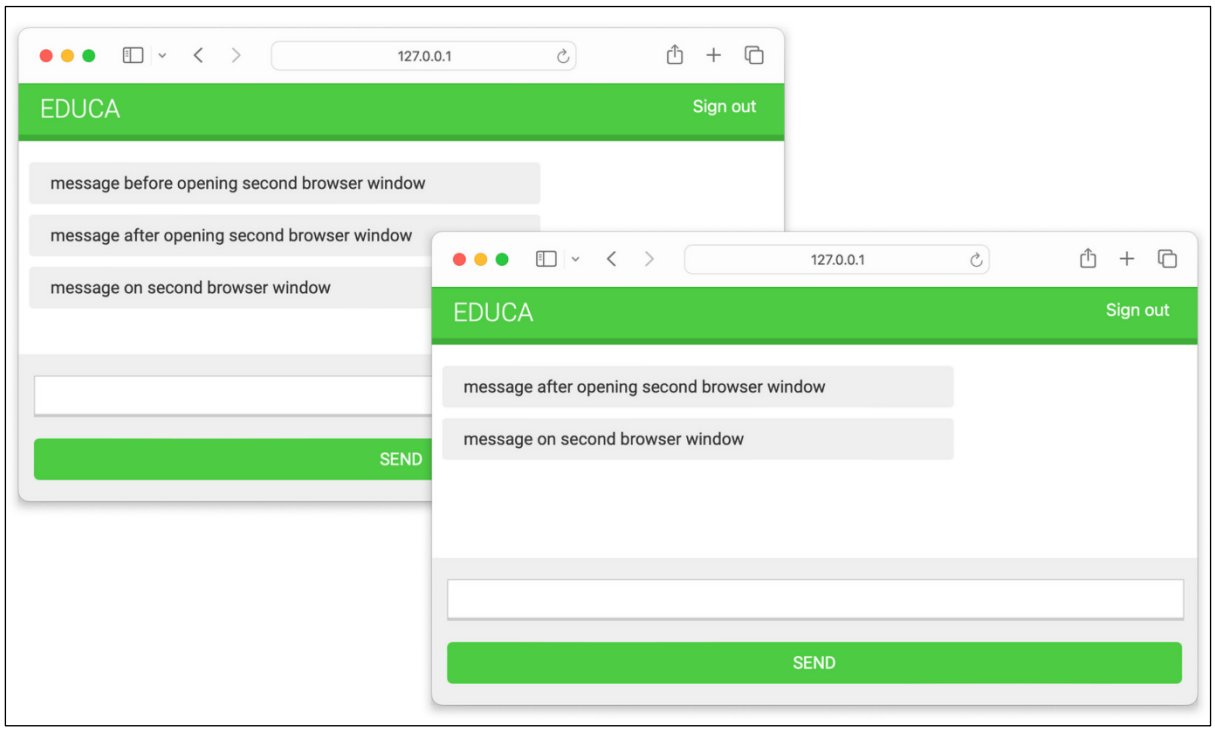


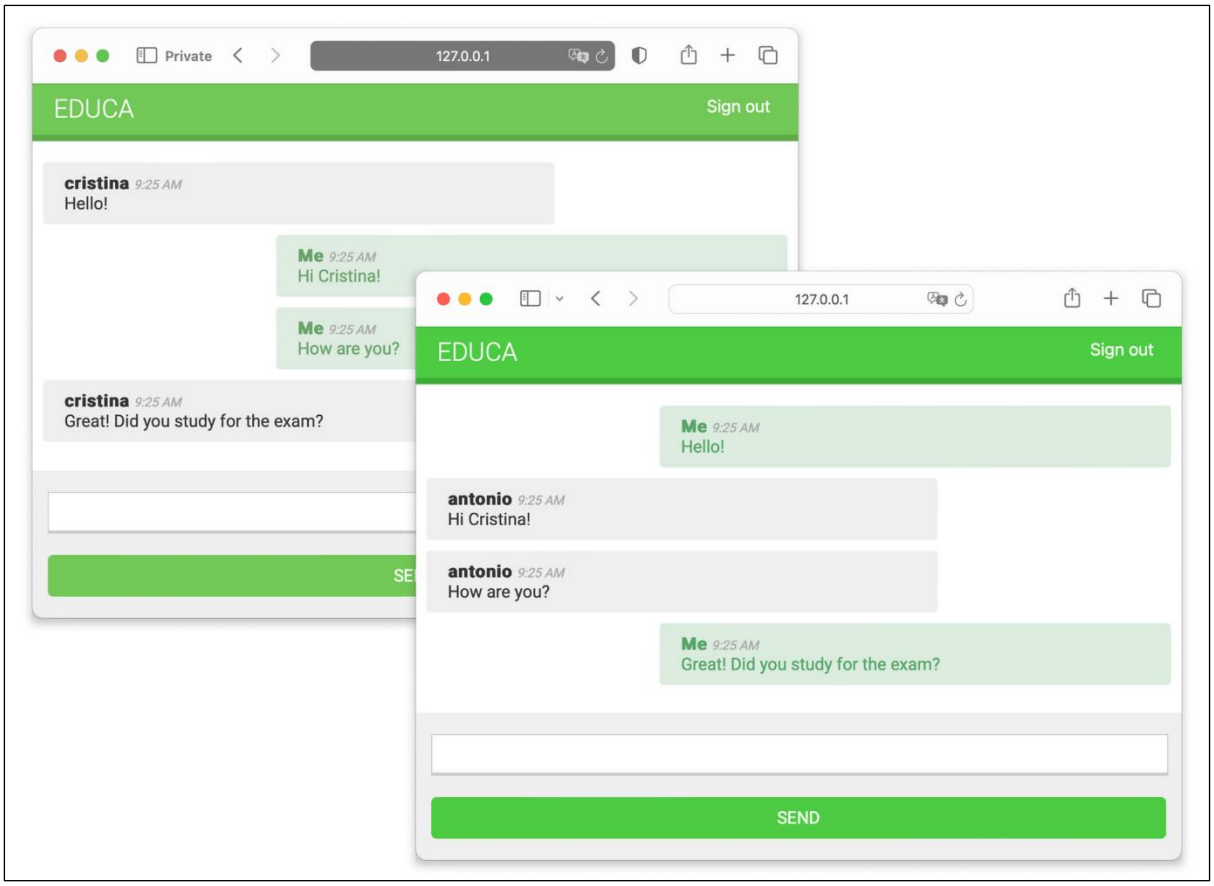

BROWSER
WEB SERVER
DJANGO
HttpRequest
HttpResponse
VIEW FUNCTION

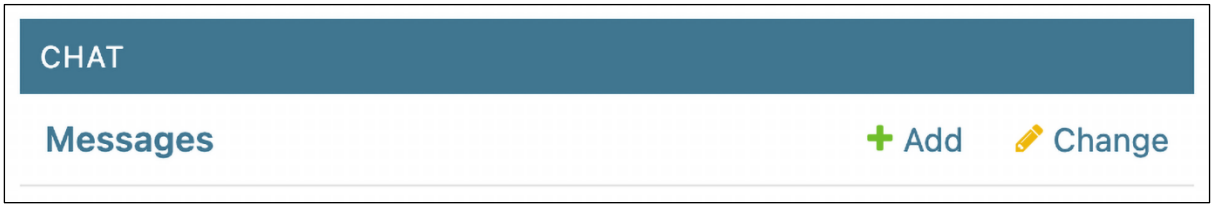

BROWSER
WEB / WEBSOCKET SERVER
INTERFACE SERVER
CHANNEL LAYER
HTTP messages
WebSocket messages
WORKER PROCESSES
CONSUMER (HTTP)
HttpRequest
HttpResponse
VIEW FUNCTION
CONSUMER (WEBSOCKET)
BACKGROUND PROCESSES

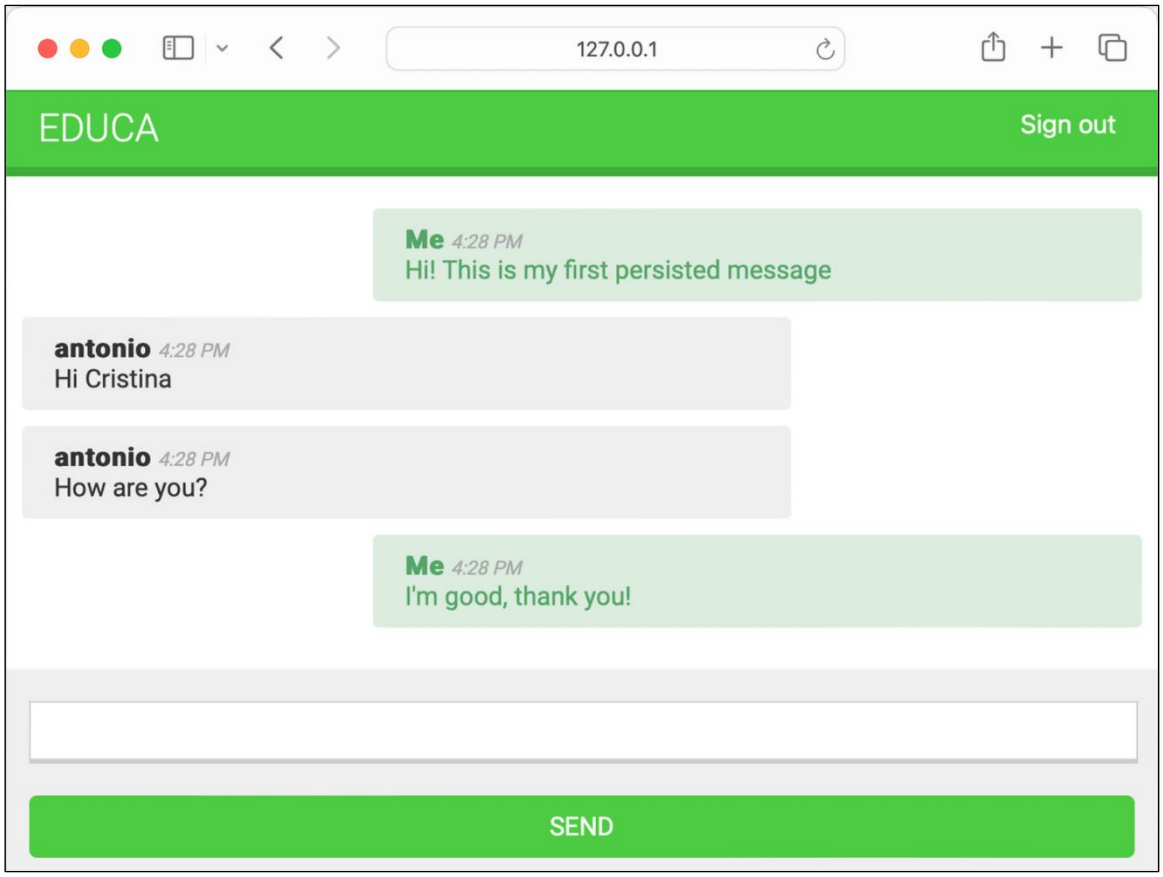

Resources
Timelines
Storage
Canvas
Audit
Console
Search
CSS
Image
Font
JS
XHR
Other
Group Media Requests
Import
Export
Preview
Headers
Cookies
Sizes
Timing
Security
Data
Time
WebSocket Connection Established
10:45:00 PM

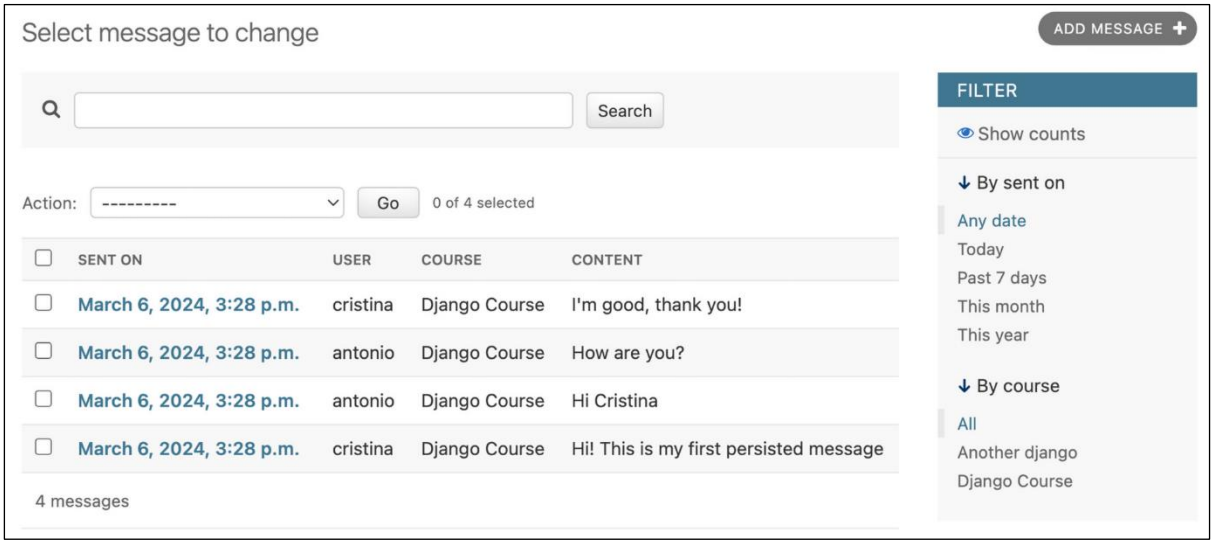

127.0.0.1
EDUCA
Sign out
My first WebSocket message!
My second message
SEND

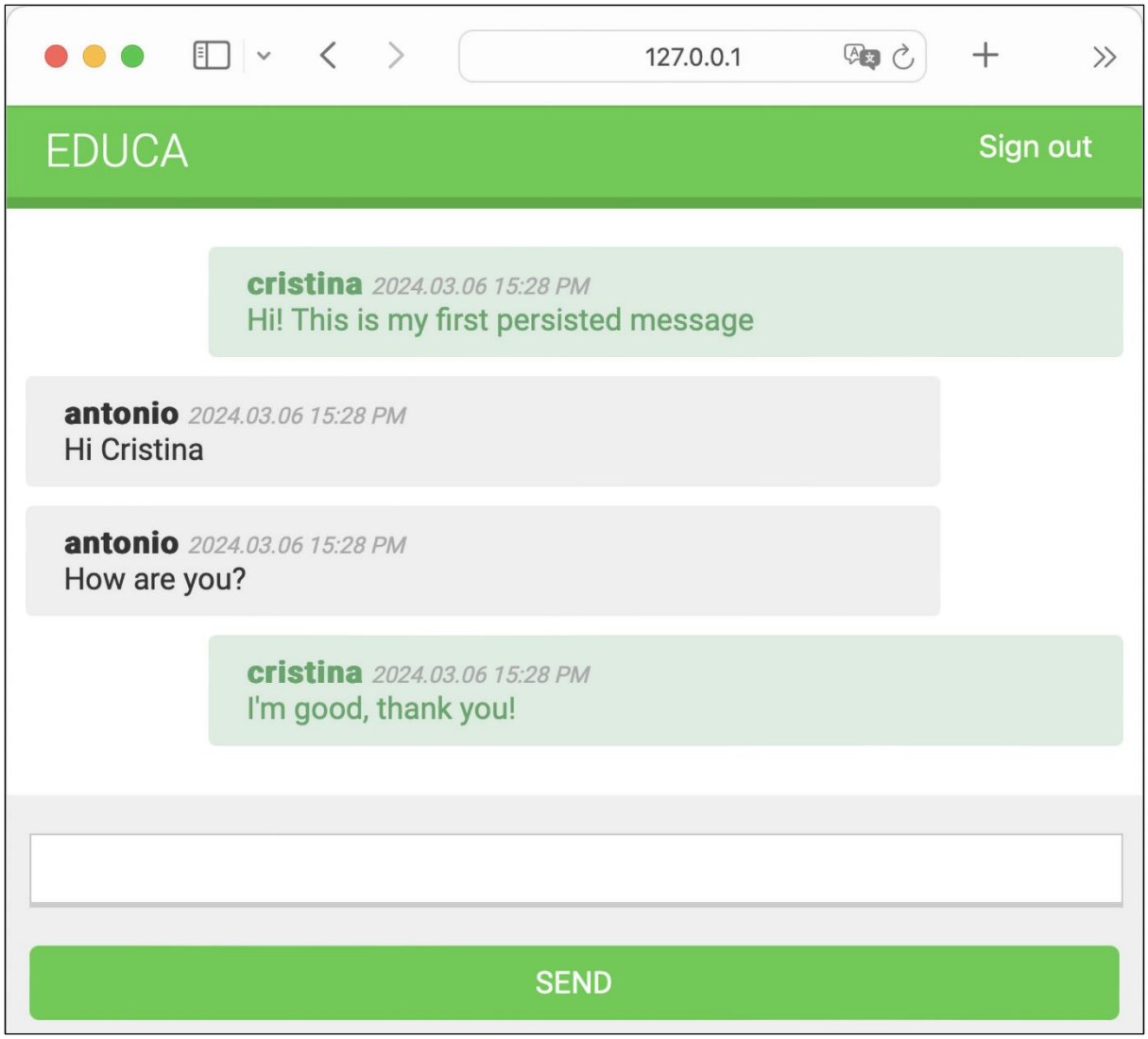

127.0.0.1
EDUCA
Sign out
message before opening second browser window
message after opening second browser window
message on second browser window
SEND
127.0.0.1
EDUCA
Sign out
message after opening second browser window
message on second browser window
SEND


Private
127.0.0.1
EDUCA
Sign out
cristina 9:25 AM
Hello!
Me 9:25 AM
Hi Cristina!
Me 9:25 AM
How are you?
cristina 9:25 AM
Great! Did you study for the exam?
127.0.0.1
EDUCA
Sign out
Me 9:25 AM
Hello!
antonio 9:25 AM
Hi Cristina!
antonio 9:25 AM
How are you?
Me 9:25 AM
Great! Did you study for the exam?
SEND


CHAT
Messages
Add
Change


127.0.0.1
EDUCA
Sign out
Me 4:28 PM
Hi! This is my first persisted message
antonio 4:28 PM
Hi Cristina
antonio 4:28 PM
How are you?
Me 4:28 PM
I'm good, thank you!
SEND


Select message to change
ADD MESSAGE
Search
Action: ---------
Go
0 of 4 selected
SENT ON
USER
COURSE
CONTENT
March 6, 2024, 3:28 p.m. cristina Django Course I'm good, thank you!
March 6, 2024, 3:28 p.m. antonio Django Course How are you?
March 6, 2024, 3:28 p.m. antonio Django Course Hi Cristina
March 6, 2024, 3:28 p.m. cristina Django Course Hi! This is my first persisted message
4 messages
FILTER
Show counts
By sent on
Any date
Today
Past 7 days
This month
This year
By course
All
Another django
Django Course


127.0.0.1
EDUCA
Sign out
cristina 2024.03.06 15:28 PM
Hi! This is my first persisted message
antonio 2024.03.06 15:28 PM
Hi Cristina
antonio 2024.03.06 15:28 PM
How are you?
cristina 2024.03.06 15:28 PM
I'm good, thank you!
SEND

EDUCA

Sign out

Introduction to Django

Modules

MODULE 1
Introduction to Django

MODULE 2
Configuring Django

MODULE 3
Your first Django project

MODULE 4
Django URLs

Course chat room

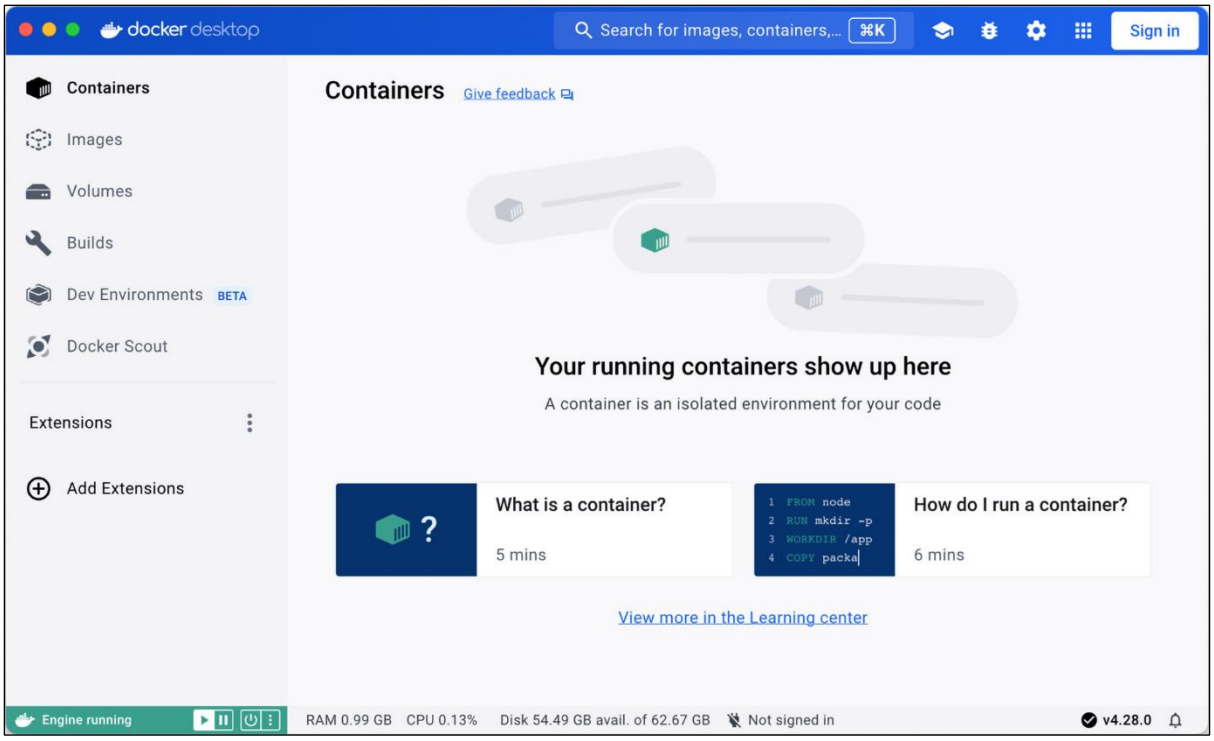
Why Django?

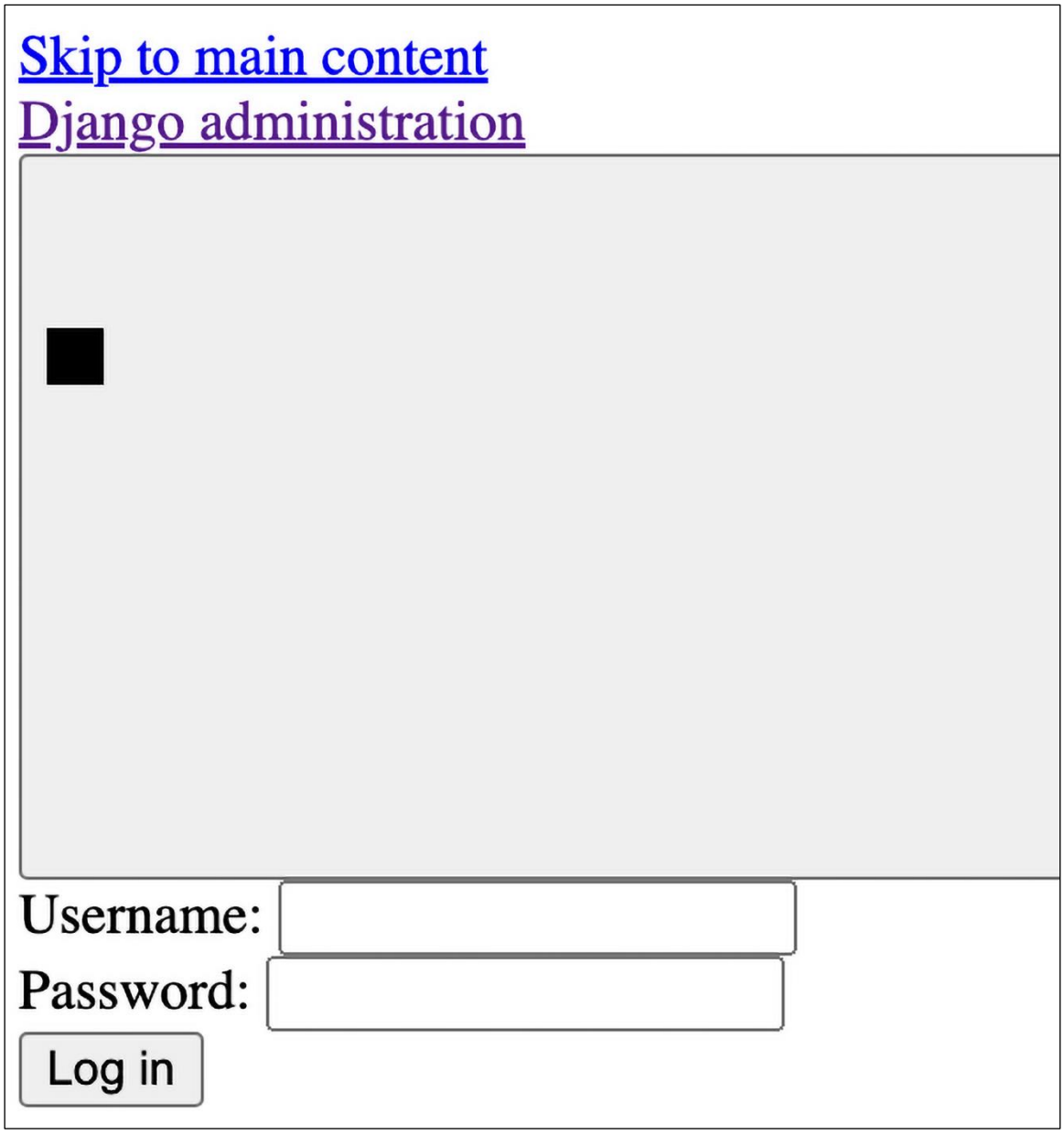
Meet Django. Django is a high-level Python Web framework that encourages rapid development and clean, pragmatic design. Built by experienced developers , it takes care of much of the hassle of Web development, so you can focus on writing your app without needing to reinvent the wheel. It's free and open source.

Django video



Chapter 17: Going Live

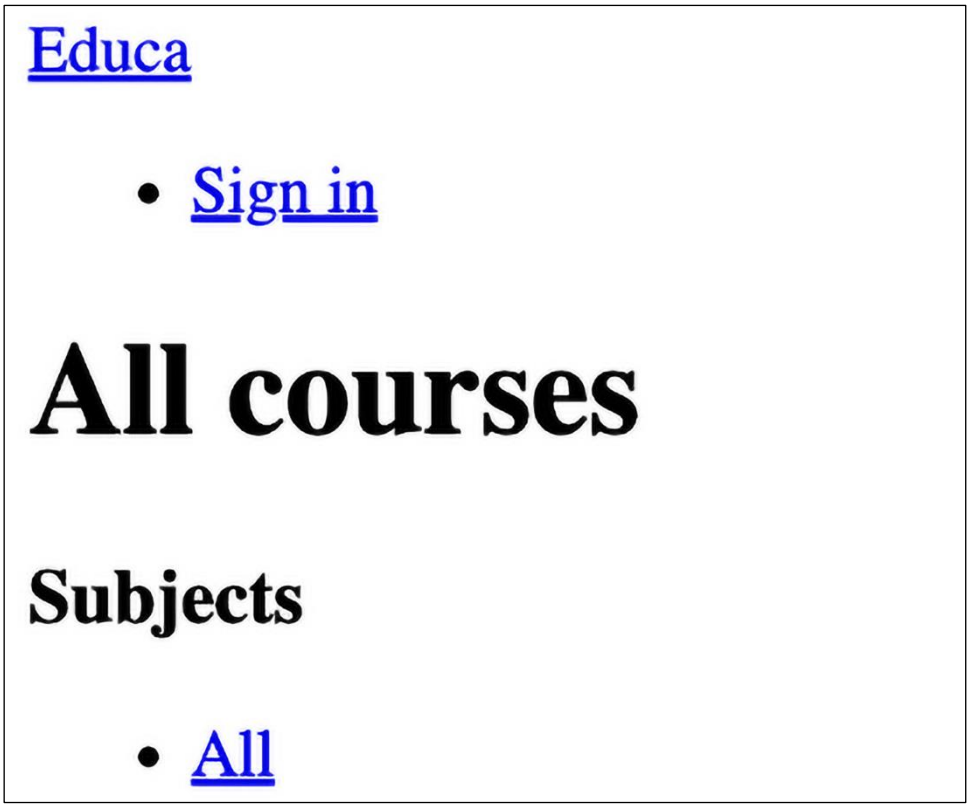


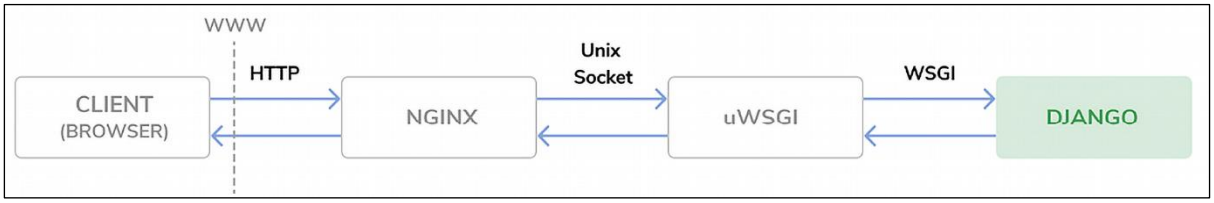


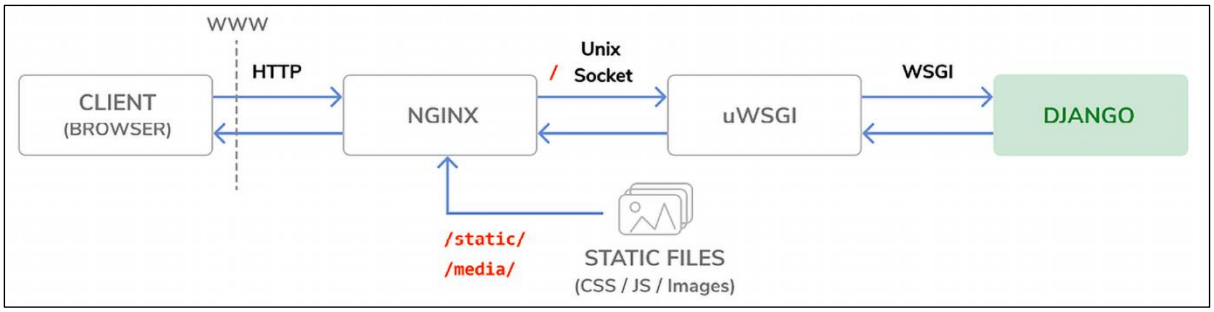
	Name	Image	Status	CPU (%)	Port(s)	Last started
☐	chapter17		Running (1/1)	2.47%		9 minutes ago
☐	web-1 6ee4eb0307bd	chapter17-web	Running	2.47%	8000:8000	9 minutes ago

chapter17-web a067b0357966	latest	In use	2 minutes ago	1.22 GB

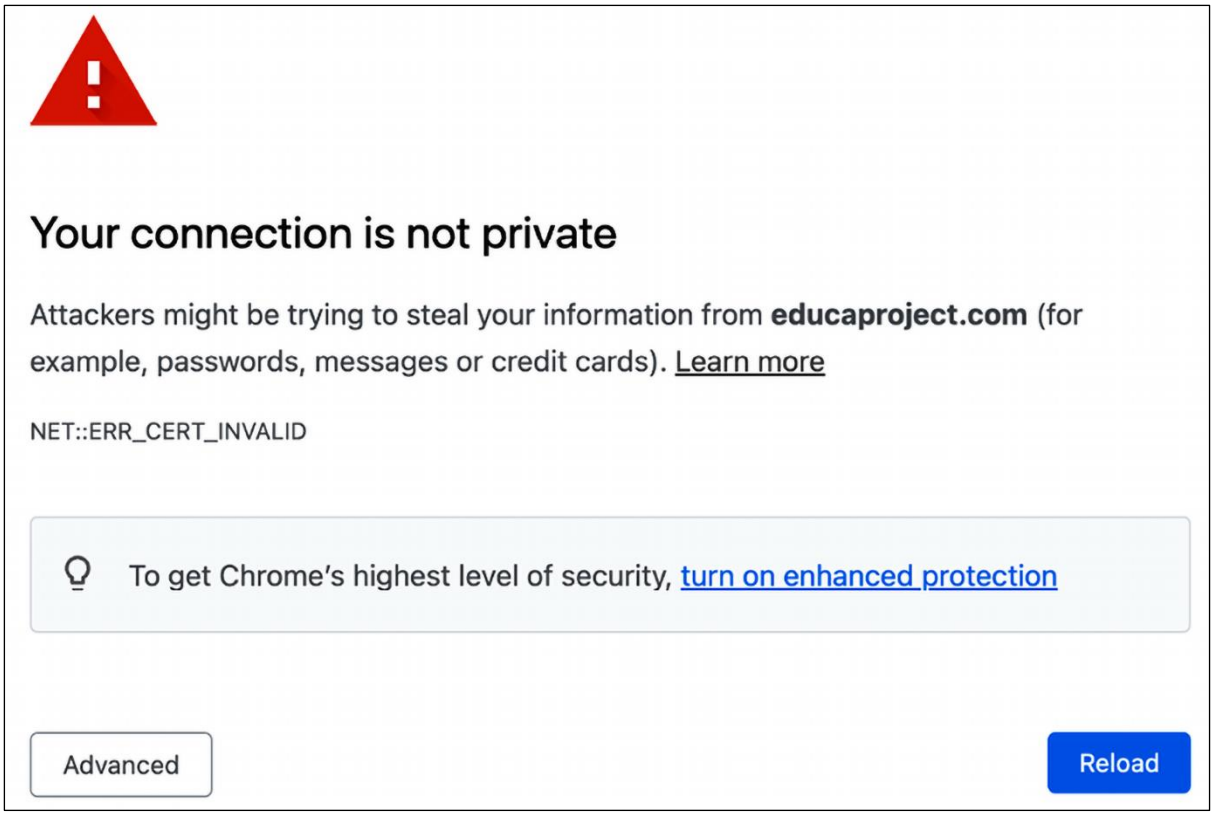
Name	Image	Status	CPU (%)	Port(s)	Last started
chapter17		Running (3/3)	2.9%		3 minutes ago
db-1 eda2f2f24467	postgres:16.2	Running	0%		3 minutes ago
cache-1 8c28839d4db1	redis:7.2.4	Running	0.24%		3 minutes ago
web-1 1c41f8875b7a	chapter17-web	Running	2.66%	8000:8000	3 minutes ago





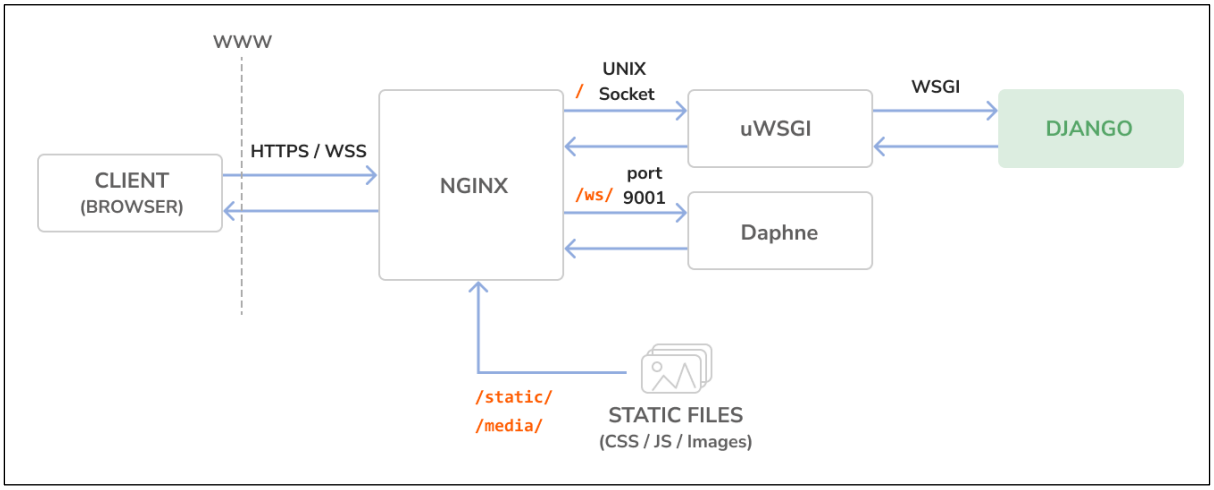

WWW
HTTP
Unix
/ Socket
WSGI
CLIENT
(BROWSER)
NGINX
uWSGI
DJANGO
/static/
/media/
STATIC FILES
(CSS / JS / Images)

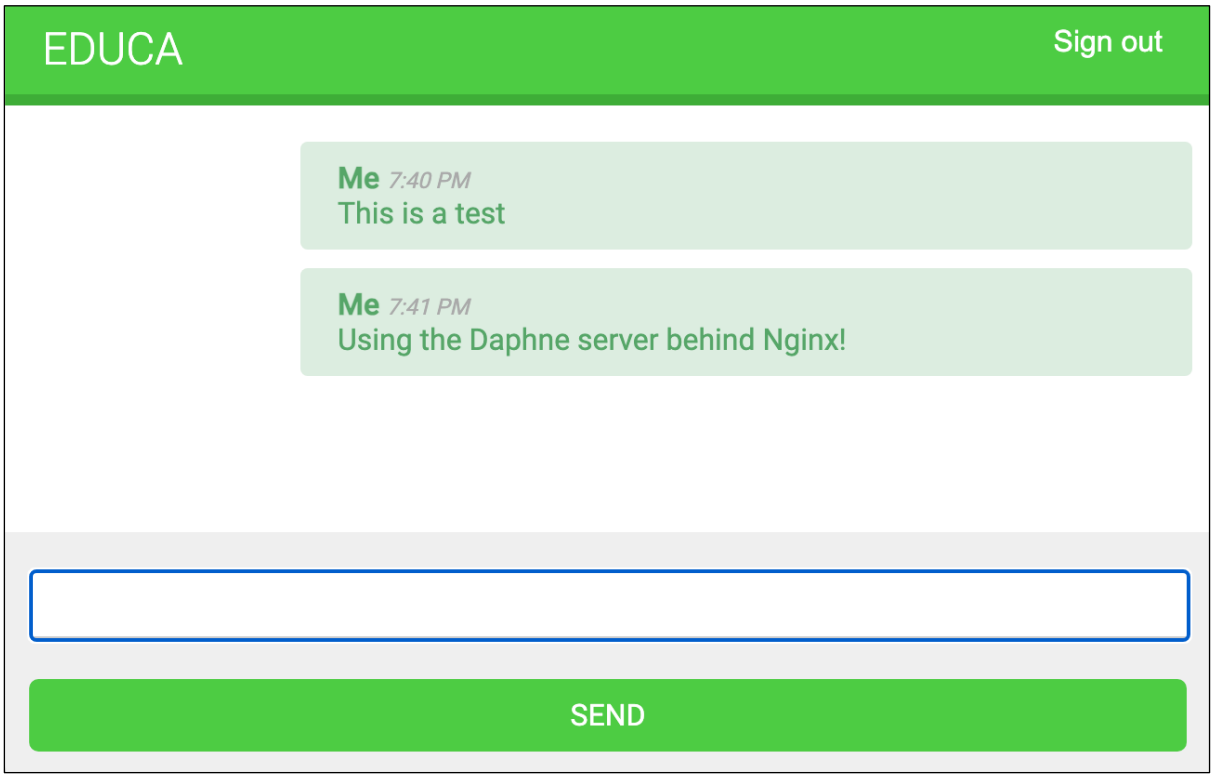

EDUCA
Sign in
All courses
Subjects
All

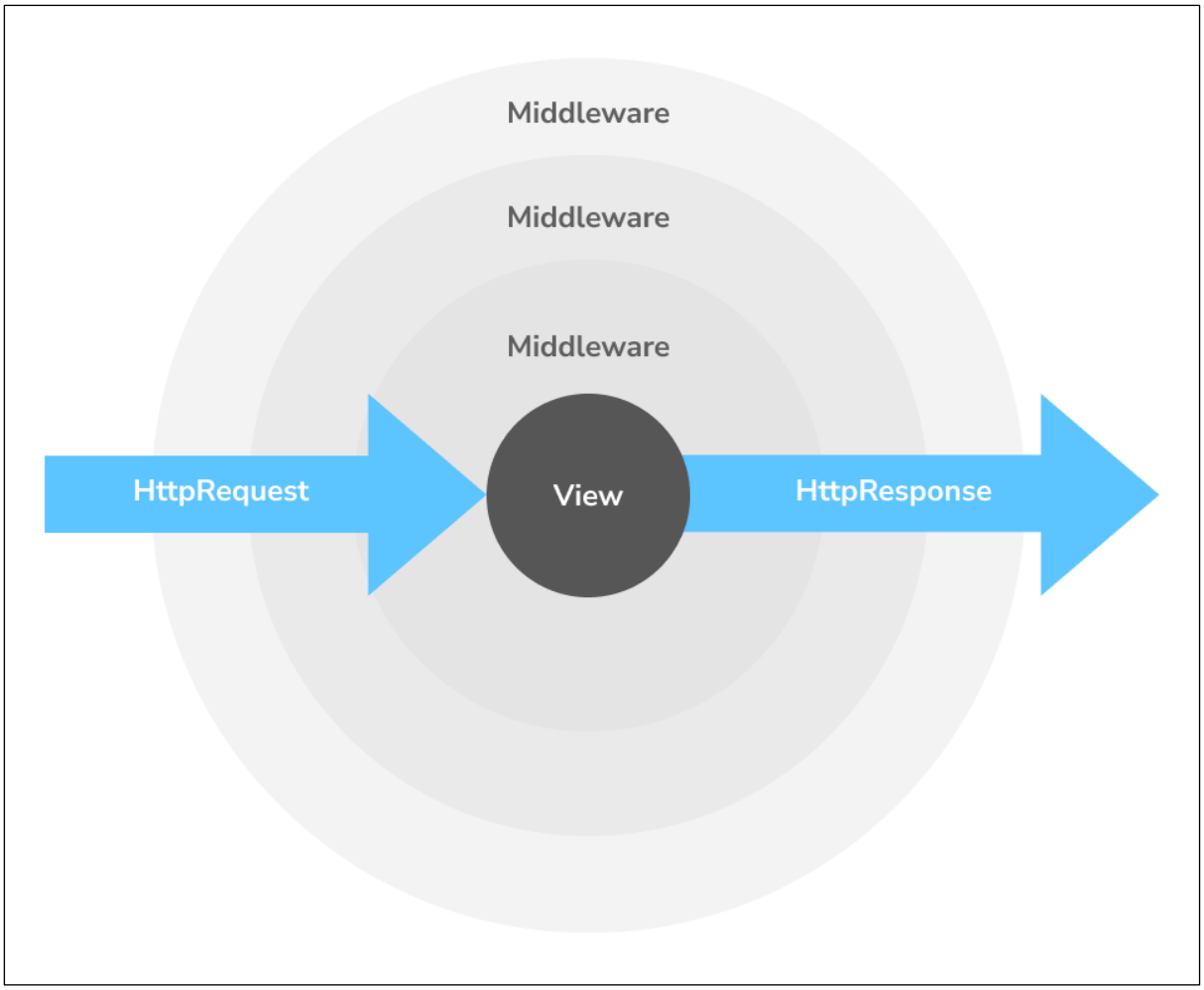

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Attackers might be trying to steal your information from **educaproject.com** (for example, passwords, messages or credit cards). Learn more
NET::ERR_CERT_INVALID
To get Chrome's highest level of security, turn on enhanced protection
Advanced
Reload

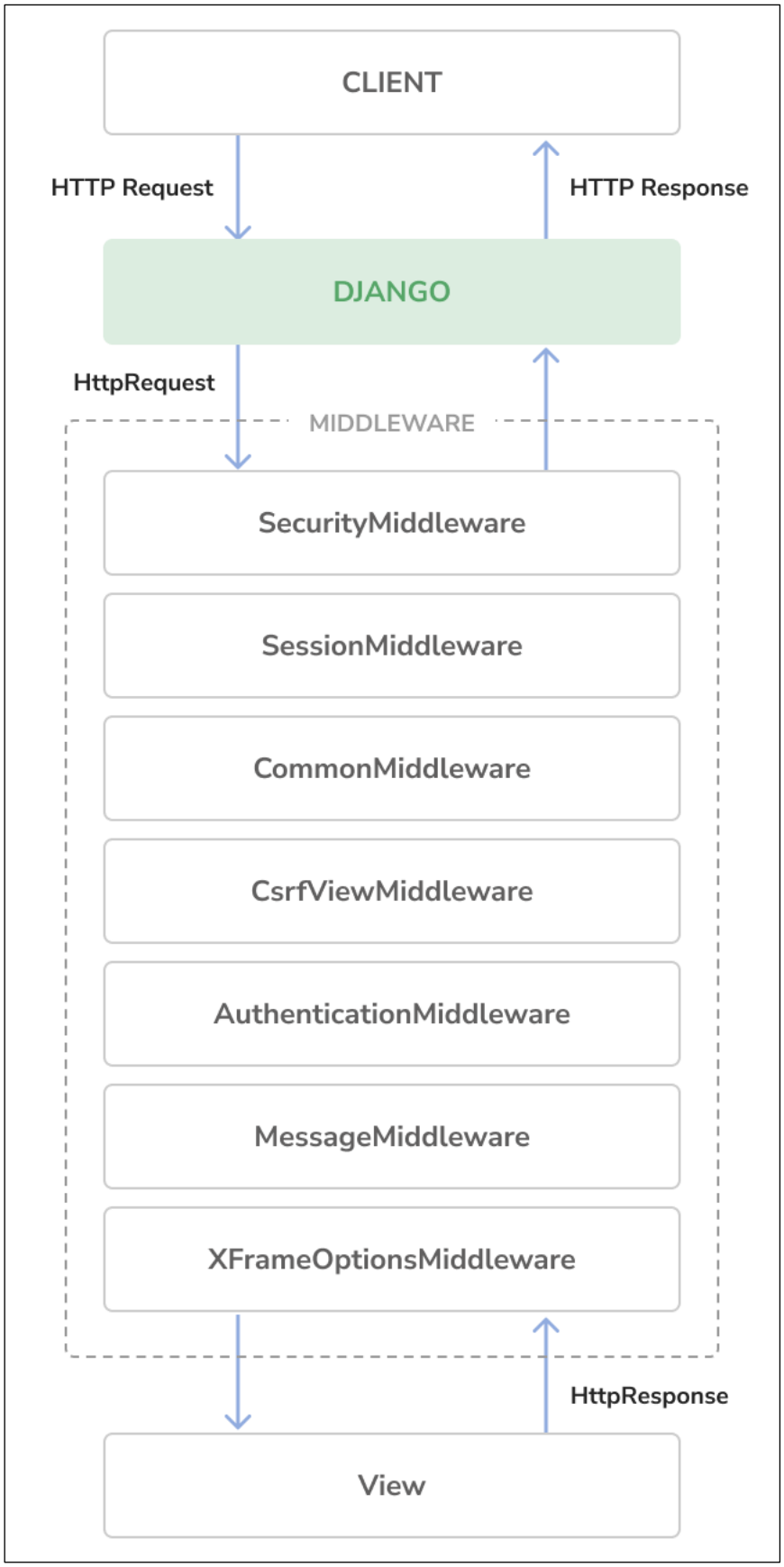

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Not Secure
https://educaproject.com


WWW
CLIENT
(BROWSER)
HTTPS / WSS
NGINX
UNIX
/ Socket
uWSGI
WSGI
DJANGO
port
/ws/ 9001
Daphne
/static/
/media/
STATIC FILES
(CSS / JS / Images)


EDUCA
Sign out
Me 7:40 PM
This is a test
Me 7:41 PM
Using the Daphne server behind Nginx!
SEND


Middleware
Middleware
Middleware
HttpRequest
View
HttpResponse


CLIENT
HTTP Request
HTTP Response
DJANGO
HttpRequest
MIDDLEWARE
SecurityMiddleware
SessionMiddleware
CommonMiddleware
CsrfViewMiddleware
AuthenticationMiddleware
MessageMiddleware
XFrameOptionsMiddleware
HttpResponse
View