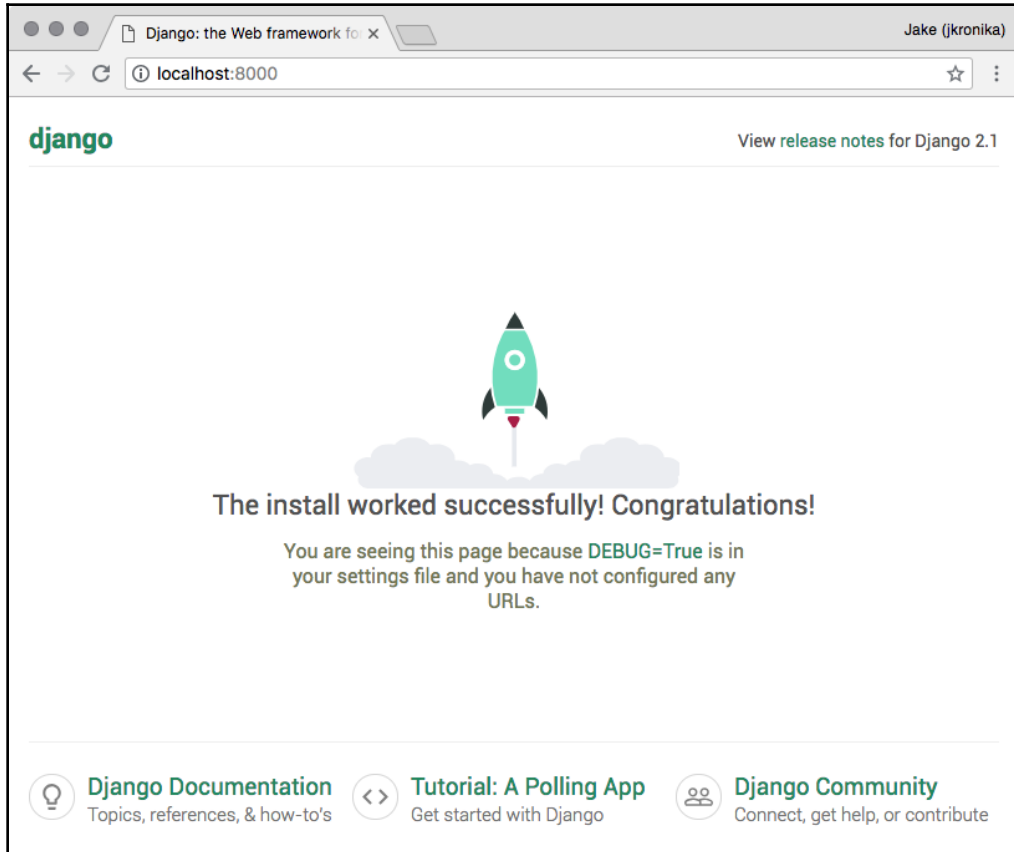
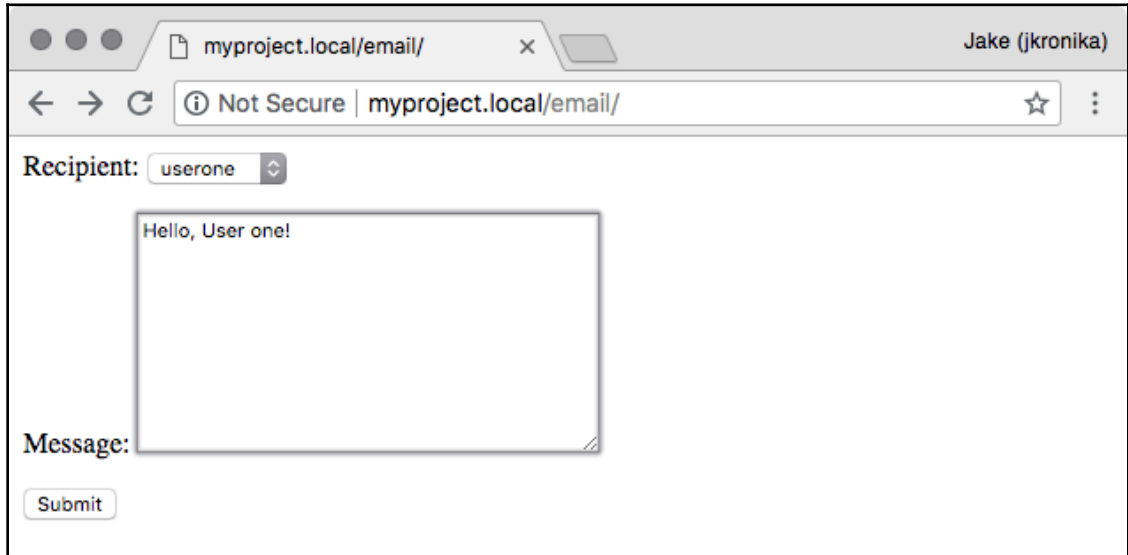


Chapter 1: Getting Started with Django 2.1

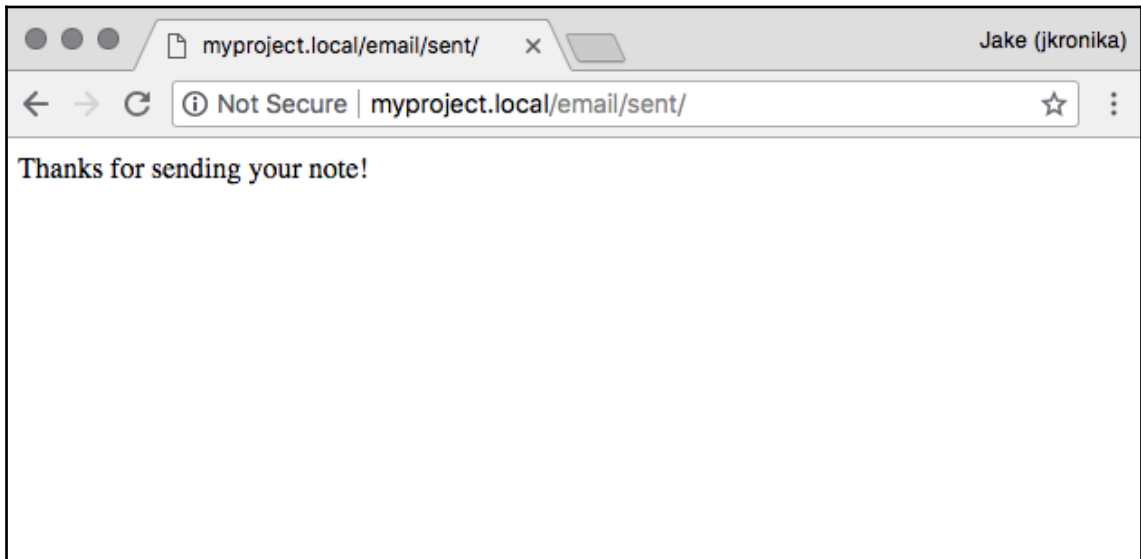


Chapter 3: Forms and Views



A screenshot of a web browser window. The address bar shows the URL `myproject.local/email/`. The page content includes a form with the following elements:

- Recipient:** A dropdown menu with the value `userone`.
- Message:** A text area containing the text `Hello, User one!`.
- Submit:** A button labeled `Submit`.



A screenshot of a web browser window. The address bar shows the URL `myproject.local/email/sent/`. The page content displays a confirmation message:

Thanks for sending your note!

My Website x +

Not Secure | myproject.local/bulletins/new/

My Website

Main data

Type

Searching

Offering

Title

Description

Image upload

Image No file chosen

Available formats are JPG, GIF, and PNG. Minimal size is 800 x 800 px.

Contact

Contact person

Phone

Email

My Website

Not Secure | myproject.local/bulletins/new/

My Website

Main data

Type*

- Searching
- Offering

Title*

Description*

Image

Image

No file chosen

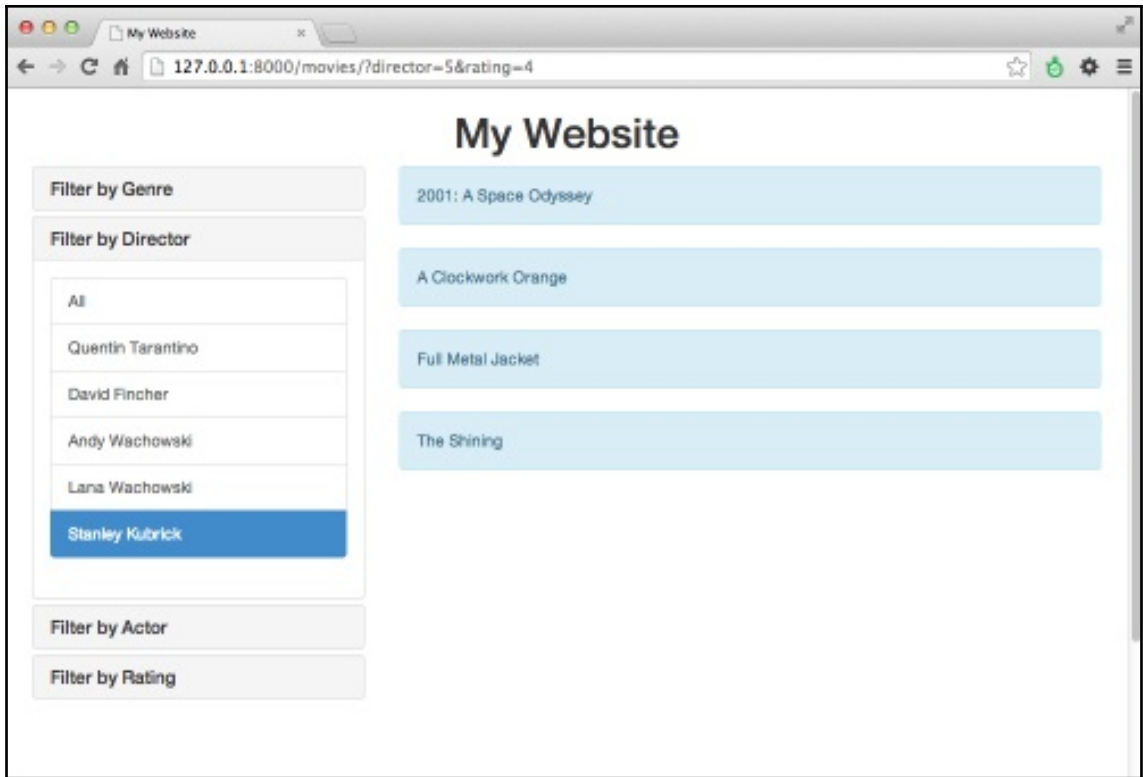
Available formats are JPG, GIF, and PNG. Minimal size is 800 × 800 px.

Contact

Contact person*

Phone

Email



Curriculum Vitae for John Doe

Contact Information

Email: john.doe@example.com



Experience

Worker at Jack in the Box Not So Fine Dining

December 2012 - present

Skills gained

Contrary to popular belief, this place is not where they make Jack in the Box toys. Now I know why they asked me if I knew how to cook a hamburger in the interview!

Sumo Wrestler at Wherever

August 2012 - August 2012

Skills gained

I pursued my dream of Sumo Wrestling, only to find out that the minimum weight limit was 300 pounds. Sadly, my Sumo career did not last but I have high hopes for returning to my passion in the near future.

Local Taste Tester at Whole Foods

March 2009 - March 2011

Skills gained

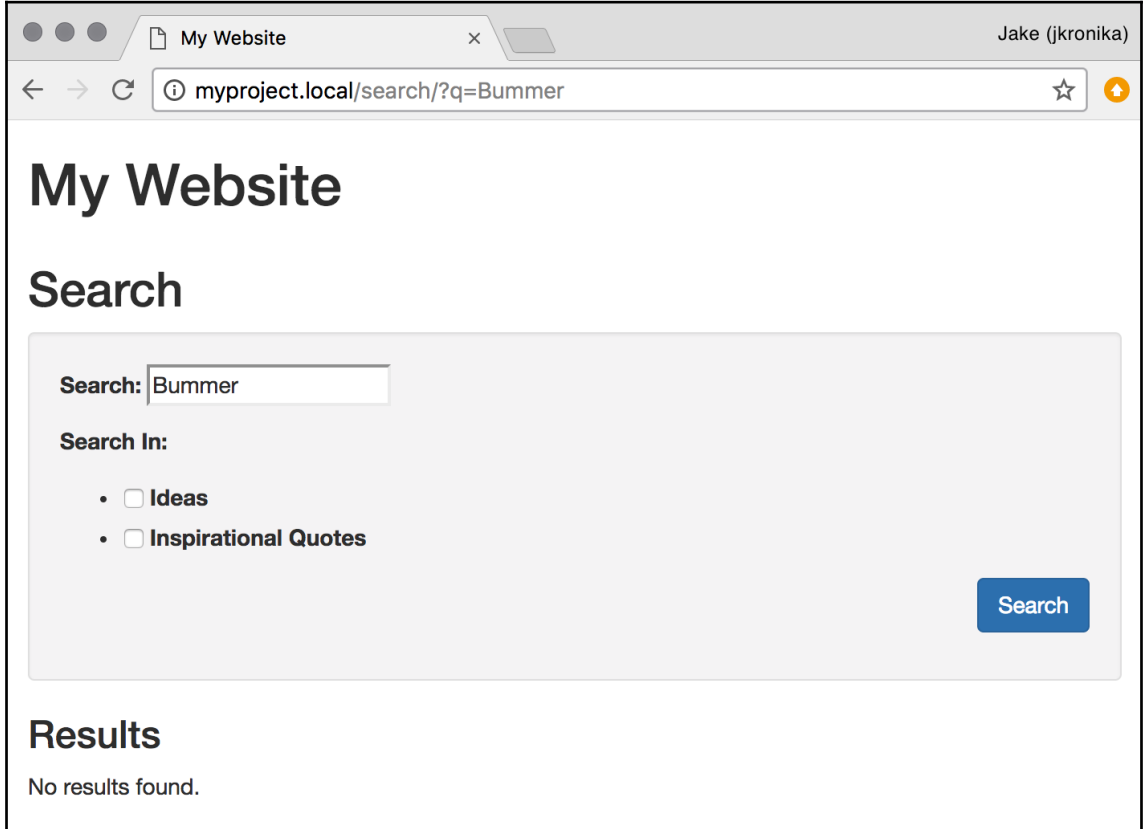
Every day I went to my local Whole Foods and did quality control on all the samples. Eventually it was found that I was in fact not on the payroll, so I was escorted from the building. I even worked on weekends! Fortunately, the restraining order will be lifted soon and I will be able to return from my hiatus.

Babysitter at Home

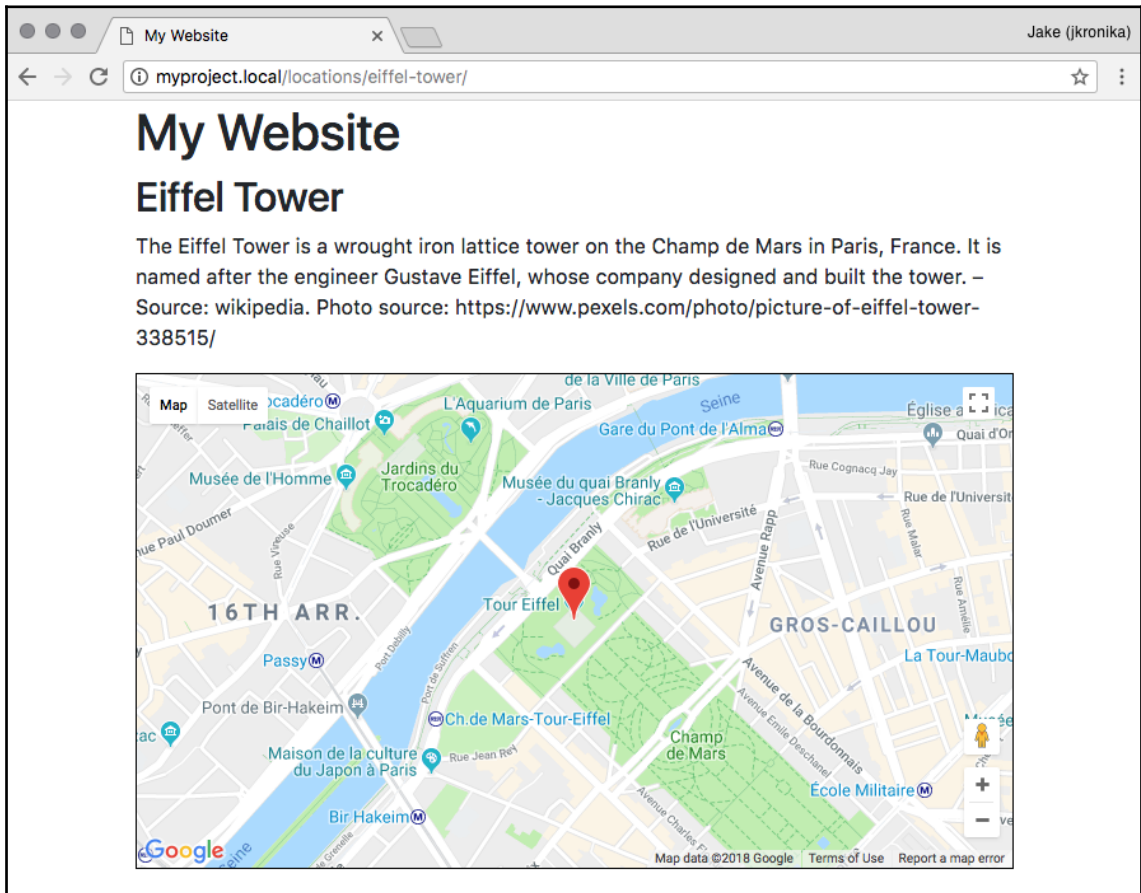
January 2004 - March 2009

Skills gained

I was forced to babysit my little brother for years while my parents worked. He used to cry constantly, but I guess I would too if my older brother sat on me.



Chapter 4: Templates and JavaScript





My Website

Eiffel Tower


The Eiffel Tower is a wrought iron lattice tower on the Champ de Mars in Paris, France. It is named after the engineer Gustave Eiffel, whose company designed and built the tower. – Source: wikipedia. Photo source: <https://www.pexels.com/photo/picture-of-eiffel-tower-338515/>

My Website x Jake (jkronika)


← → ↻ myproject.local/locations/eiffel-tower/ ☆ ⋮

My Website

Eiffel Tower



The Eiffel Tower is a wrought iron lattice tower on the Champ de Mars in Paris, France. It is named after the engineer Gustave Eiffel, whose company designed and built the tower. – Source: wikipedia. Photo source: <https://www.pexels.com/photo/picture-of-eiffel-tower-338515/>




My Website
Jake (jkrnika)

myproject.local/locations/eiffel-tower/

iPhone 4 320 x 480 100%
Elements Memory Console Sources Audits

My Website

Eiffel Tower




The Eiffel Tower is a wrought iron lattice tower on the Champ de Mars in Paris, France. It is named after the engineer Gustave Eiffel, whose company designed and built the tower. – Source: wikipedia. Photo source: <https://www.pexels.com/photo/picture->

```

<source media="(max-width: 480px)" srcset="http://
media.myproject.local/cache/70/59/705965e...jpg">
<source media="(max-width: 768px)" srcset="http://
media.myproject.local/cache/7c/35/7c35289...jpg">
<source media="(max-width: 1024px)" srcset="http://
media.myproject.local/cache/f7/c2/f7c2703...jpg">


```



290 x 193 pixels (Natural: 480 x 320 pixels)
currentSrc: http://media.myproject.local/cache/70/59/705965ea015c2d1ee2298fec58cd89c1.jpg

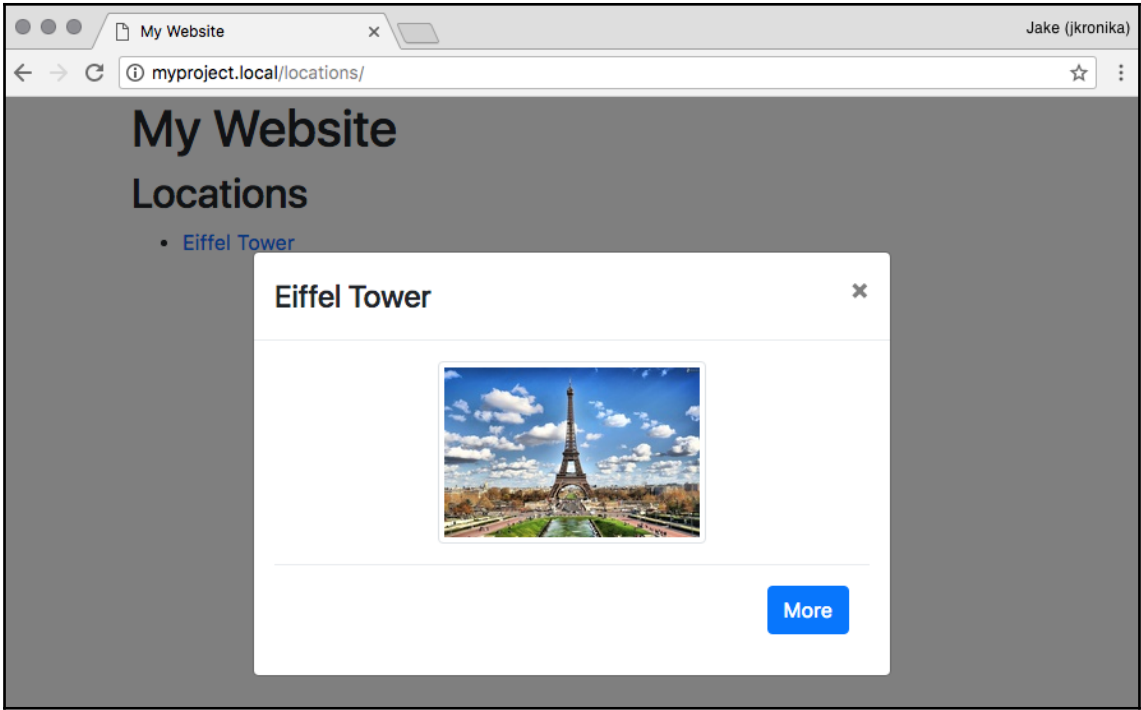
```

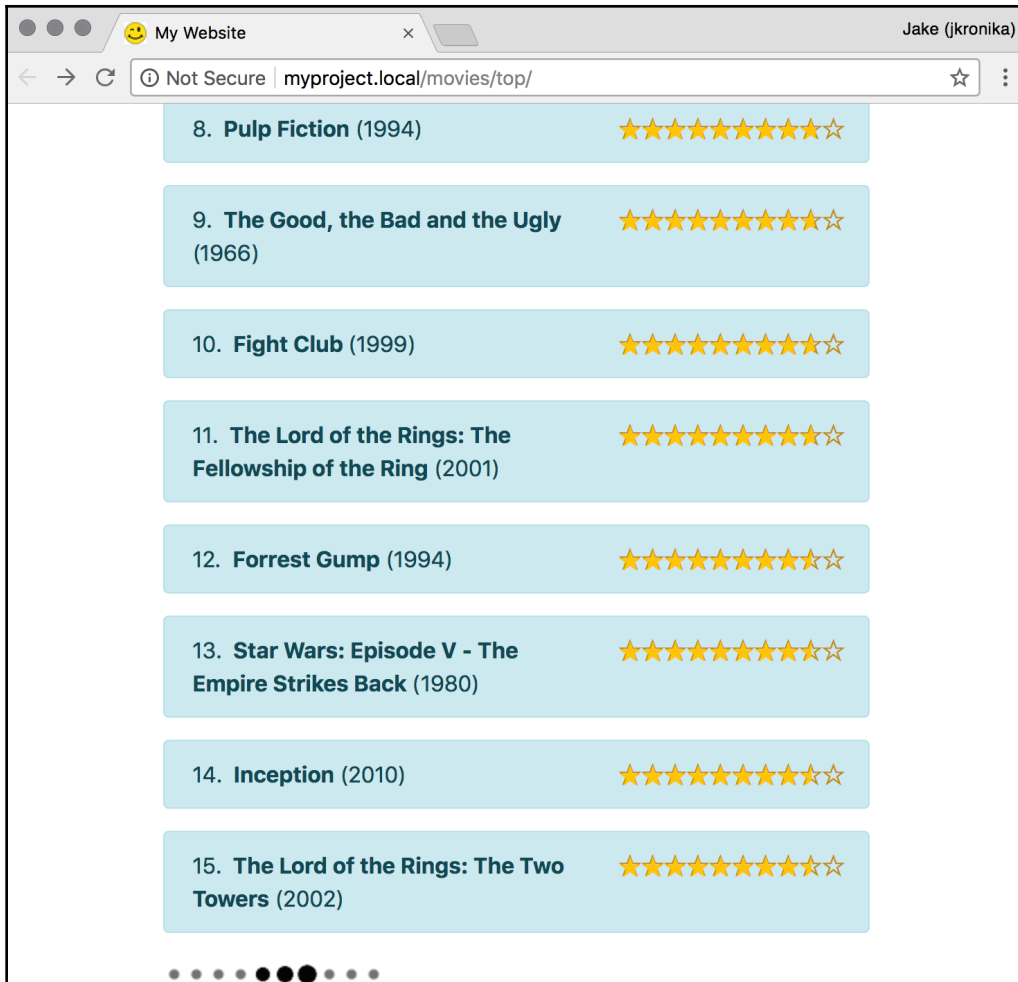
</section>
<script src="https://code.jquery.com/jquery-3.3.1.min.js"></script>
<script src="https://code.jquery.com/jquery-migrate-3.0.1.min.js">
</script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/
bootstrap.min.js"></script>
<script src="/en-us/js-settings/"></script>
<script src="http://static.myproject.local/likes/is/widget.js"></script>

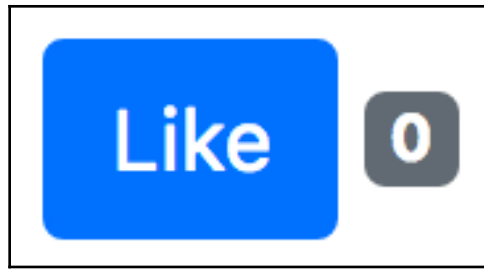
```

html body section.wrapper div#content.clearfix.container picture **img**

Styles	Event Listeners	DOM Breakpoints	Properties	Accessibility
Filter	:hov .cls +		border-right-style	none
			border-top-style	none
element.style {			box-sizing	border-...
}			color	rgb(3...
picture img {	style.css:6		display	inline
max-width: 100%;			font-family	-apple-s...
}			font-size	16px
img {	reboot.scss:273		font-weight	400
vertical-align: middle;			height	193.328...
border-style: none;			line-height	24px








My Website

Eiffel Tower

Unlike ¹



The Eiffel Tower is a wrought iron lattice tower on the Champ de Mars in Paris, France. It is named after the engineer Gustave Eiffel, whose company designed and built the tower. – Source: wikipedia. Photo source: <https://www.pexels.com/photo/picture-of-eiffel-tower-338515/>

1 requests | 346 B transferred

My Website

Not Secure | myproject.local/locations/eiffel-tower/

Elements Console Sources Network

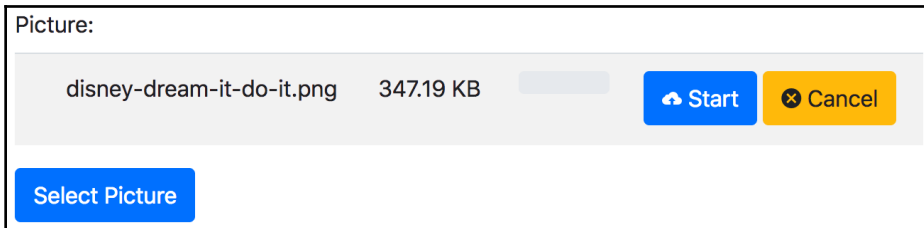
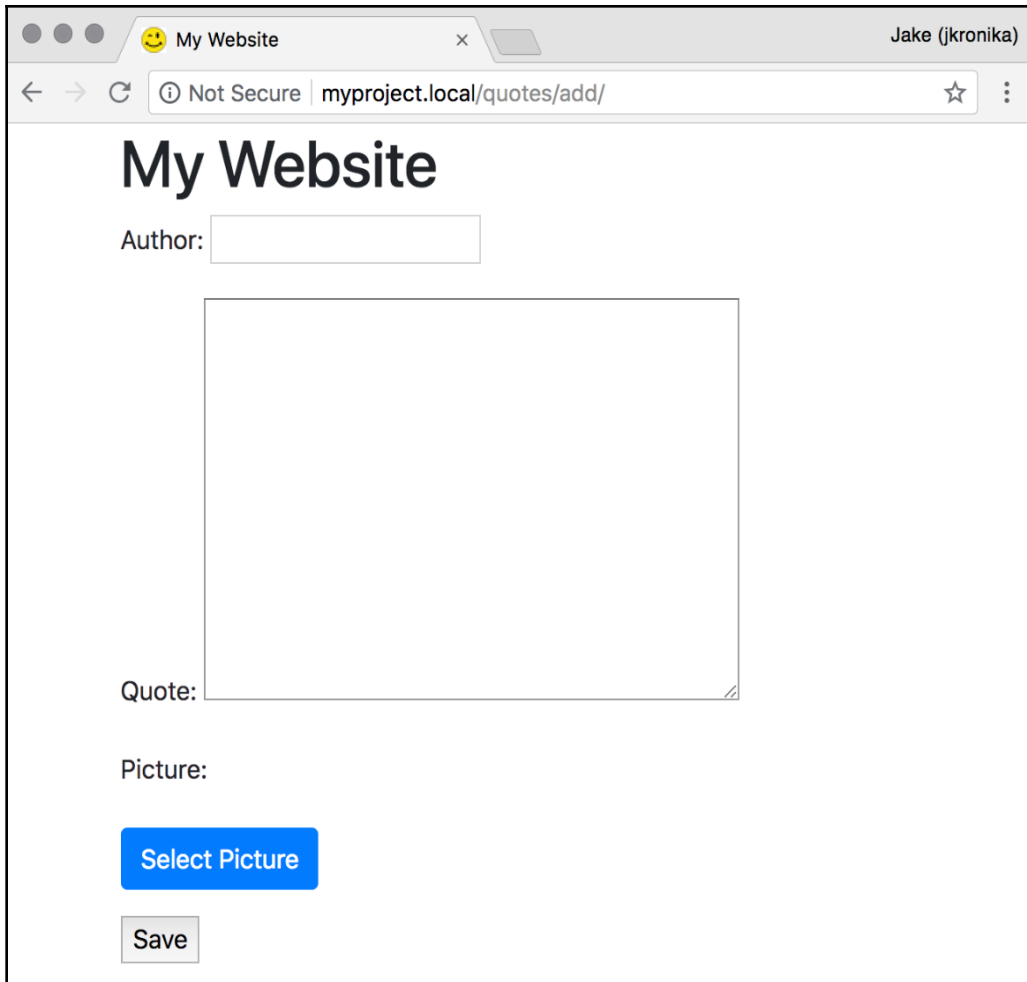
View: Group by frame Preserve log Disable

Filter Hide data URLs

All XHR JS CSS Img Media Font Doc WS Manifest Other

Name	Headers	Preview	Response	Cookies	Timing
2/			<pre>{success: true, action: "add", count: 1}</pre>		

1 requests | 346 B transferred



Picture:



disney-dream-it-do-it.png 347.19 KB

 Remove

Select Picture

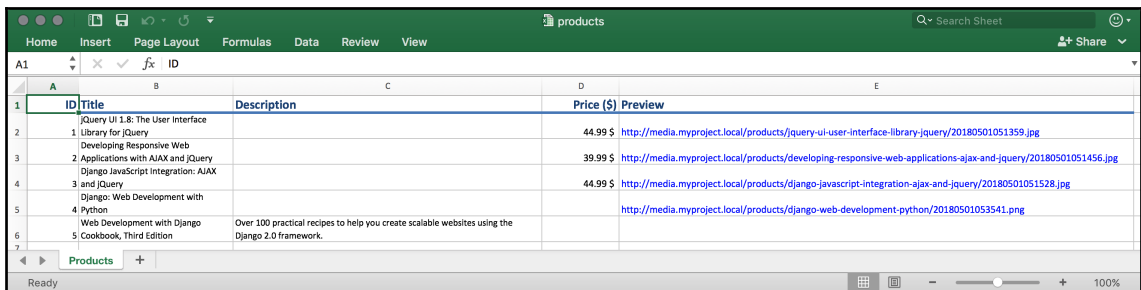
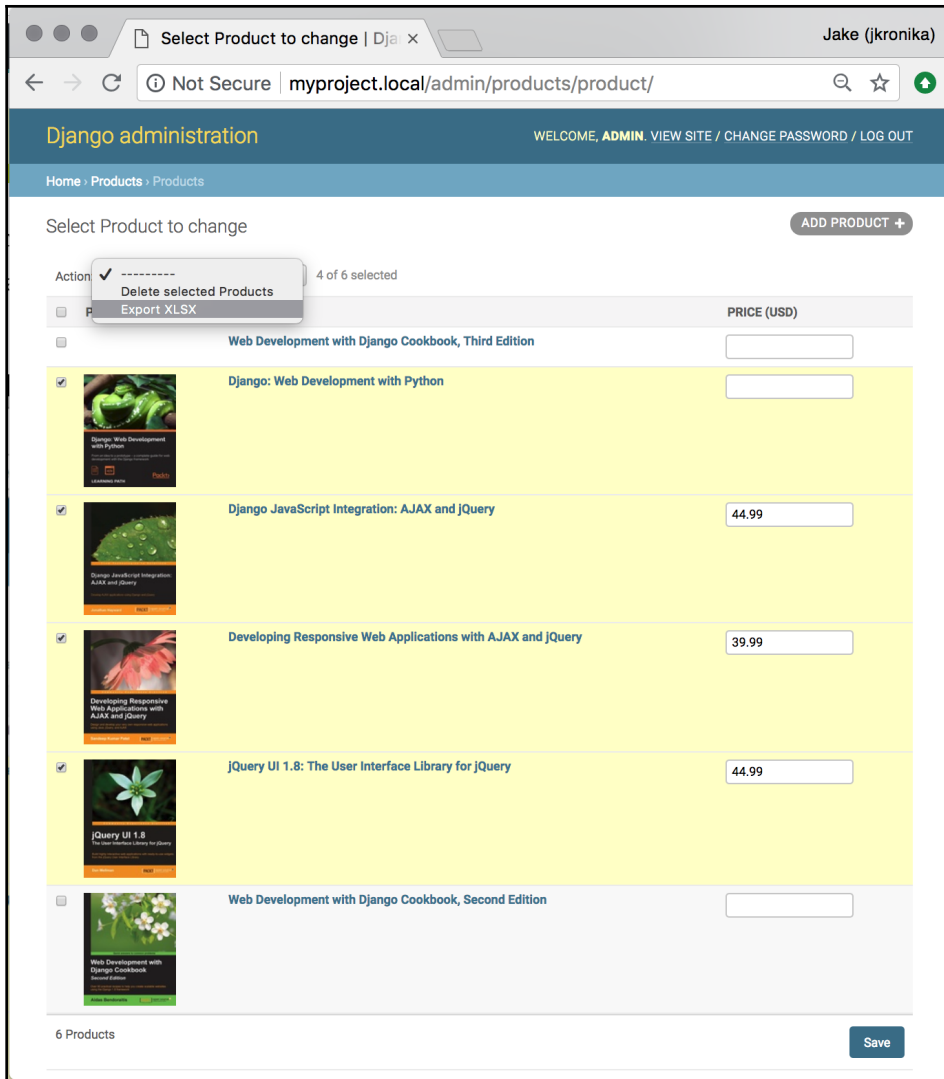
Chapter 6: Model Administration

The screenshot shows the Django Admin interface for managing products. The browser address bar shows the URL `myproject.local/admin/products/product/`. The page title is "Select Product to change". The interface includes a navigation breadcrumb "Home > Products > Products" and a welcome message for the user "ADMIN".

At the top right, there is a "WELCOME, ADMIN. VIEW SITE / CHANGE PASSWORD / LOG OUT" link. Below the breadcrumb, the main heading is "Select Product to change" with an "ADD PRODUCT +" button. An "Action:" dropdown menu is set to "-----" and a "Go" button is next to it, with "0 of 6 selected" indicating the current state.

PREVIEW	TITLE	PRICE (USD)
<input type="checkbox"/>	Web Development with Django Cookbook, Third Edition	<input type="text"/>
<input type="checkbox"/>	Django: Web Development with Python	<input type="text"/>
<input type="checkbox"/>	Django JavaScript Integration: AJAX and jQuery	<input type="text" value="44.99"/>
<input type="checkbox"/>	Developing Responsive Web Applications with AJAX and jQuery	<input type="text" value="39.99"/>
<input type="checkbox"/>	jQuery UI 1.8: The User Interface Library for jQuery	<input type="text" value="44.99"/>
<input type="checkbox"/>	Web Development with Django Cookbook, Second Edition	<input type="text"/>

At the bottom left, it says "6 Products" and at the bottom right, there is a "Save" button.



Select Product to change | Dja x Jake (jkronika)






Not Secure myproject.local/admin/products/product/

Django administration WELCOME, ADMIN. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Products > Products

Select Product to change ADD PRODUCT +

Action: Go 0 of 6 selected

PREVIEW	TITLE	PRICE (USD)
<input type="checkbox"/>	Web Development with Django Cookbook, Third Edition	<input type="text"/>
<input type="checkbox"/> 	Django: Web Development with Python	<input type="text"/>
<input type="checkbox"/> 	Django JavaScript Integration: AJAX and jQuery	44.99
<input type="checkbox"/> 	Developing Responsive Web Applications with AJAX and jQuery	39.99
<input type="checkbox"/> 	jQuery UI 1.8: The User Interface Library for jQuery	44.99
<input type="checkbox"/> 	Web Development with Django Cookbook, Second Edition	<input type="text"/>

6 Products Save

FILTER

By price (USD)

- All
- 39.99
- 44.99
-

By photos

- All
- Has no photos
- Has one photo
- Has more than one photo

Select user to change | Django x Jake (jkronika)

← → ↻ Not Secure | myproject.local/admin/auth/user/ ☆ +

Django administration

WELCOME, JAKE. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

Home > Authentication and Authorization > Users

Select user to change ADD USER +

Action: ----- 0 of 7 selected

	USERNAME	EMAIL ADDRESS	FIRST NAME	LAST NAME	STAFF ST.
<input type="checkbox"/>	admin		Jake	Kronika	✔
<input type="checkbox"/>	aidas		Aidas	Bendoraitis	✔
<input type="checkbox"/>	erika_musterman	erika.musterman@example.com	Erika	Musterman	✔
<input type="checkbox"/>	jean_dupont	jean.dupont@example.com	Jean	DuPont	✔
<input type="checkbox"/>	john_doe	john.doe@example.com	John	Doe	✔
<input type="checkbox"/>	userone		User	One	✘
<input type="checkbox"/>	vardenis_pavardenis		Vardenis	Pavardenis	✘

7 users

FILTER

By staff status

[All](#)
[Yes](#)
[No](#)

By superuser status

[All](#)
[Yes](#)
[No](#)

By active

[All](#)
[Yes](#)
[No](#)

By groups

[All](#)
[Editors](#)
-

Select group to change | Django x Jake (jkronika)

Not Secure | myproject.local/admin/auth/group/

Django administration

WELCOME, JAKE. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

Home > Authentication and Authorization > Groups

Select group to change

[ADD GROUP +](#)

Q

Action: 0 of 1 selected

<input type="checkbox"/>	GROUP
<input type="checkbox"/>	Editors

1 group

Select user to change | Django x

Not Secure | myproject.local/admin/auth/user/

Jake (kronika)

Django administration

WELCOME, JAKE. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home · Authentication and Authorization · Users

Select user to change

ADD USER +

Search

Action: [dropdown] Go 0 of 7 selected

USERNAME	EMAIL ADDRESS	FIRST NAME	LAST NAME	ACTIVE	STAFF STATUS	DATE JOINED	LAST LOGIN
<input type="checkbox"/> aidas		Aidas	Bendoraitis	✔	✔	Sept. 24, 2018, 2:51 a.m.	-
<input type="checkbox"/> john_doe	john.doe@example.com	John	Doe	✔	✔	Sept. 24, 2018, 2:52 a.m.	-
<input type="checkbox"/> jean_dupont	jean.dupont@example.com	Jean	DuPont	✔	✔	Sept. 24, 2018, 2:52 a.m.	-
<input type="checkbox"/> admin		Jake	Kronika	✔	✔	Sept. 6, 2018, 4:19 p.m.	Sept. 21, 2018, 10:17 p.m.
<input type="checkbox"/> erika_musterman	erika.musterman@example.com	Erika	Musterman	✔	✔	Sept. 24, 2018, 2:52 a.m.	-
<input type="checkbox"/> userone		User	One	✔	✘	Sept. 12, 2018, 9:05 p.m.	-
<input type="checkbox"/> vardenis_pavardenis		Vardenis	Pavardenis	✔	✘	Sept. 24, 2018, 2:53 a.m.	-

7 users

FILTER

By active

All
Yes
No

By staff status

All
Yes
No

By superuser status

All
Yes
No

By date joined

Any date
Today
Past 7 days
This month
This year

By last login

Any date
Today
Past 7 days
This month
This year
No date
Has date

Select group to change | Django x

Not Secure | myproject.local/admin/auth/group/

Jake (kronika)

Django administration

WELCOME, JAKE. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home · Authentication and Authorization · Groups

Select group to change

ADD GROUP +

Search

Action: [dropdown] Go 0 of 1 selected

GROUP	USERS
<input type="checkbox"/> Editors	Erika Musterman Jean DuPont John Doe

1 group

myproject.local/admin/auth/user/5/change/

Change Location | Django site x Jake (jkronika)

← → ↻ 🔒 Not Secure myproject.local/admin/loc... 🔍 ☆ +

Title:

Description:

The Eiffel Tower is a wrought iron lattice tower on the Champ de Mars in Paris, France. It is named after the engineer Gustave Eiffel, whose company designed and built the tower. – Source: wikipedia. Photo source: https://www.pexels.com/photo/picture-of-eiffel-tower-2295157/

Address

Street address:

Street address (line 2):

Postal code:


City:

Country:

Latitude:
Latitude (Lat.) is the angle between any point and the equator (north pole is at 90°; south pole is at -90°).

Longitude:
Longitude (Long.) is the angle east or west of a point on Earth at Greenwich (UK), which is the international zero-longitude point (longitude = 0°). The anti-meridian of Greenwich (the opposite side of the planet) is both 180° (to the east) and -180° (to the west).

Map



Delete
Save and add another
Save and continue editing
SAVE

Add Location | Django site admin x Jake (jkrnika)

myproject.local/admin/locations/location/add/

Latitude (Lat.) is the angle between any point and the equator (north pole is at 90°, south pole is at -90°).

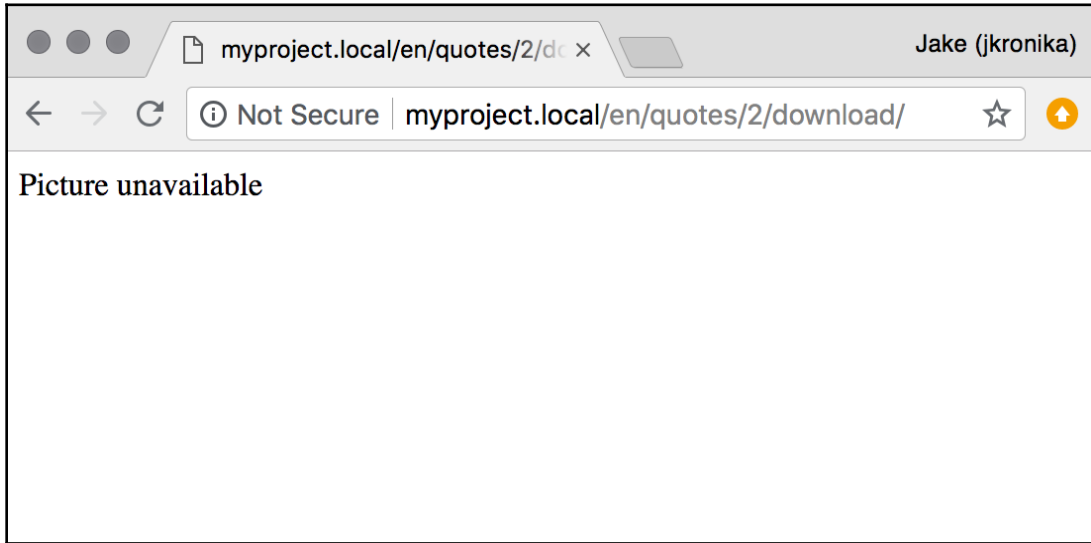
Longitude:

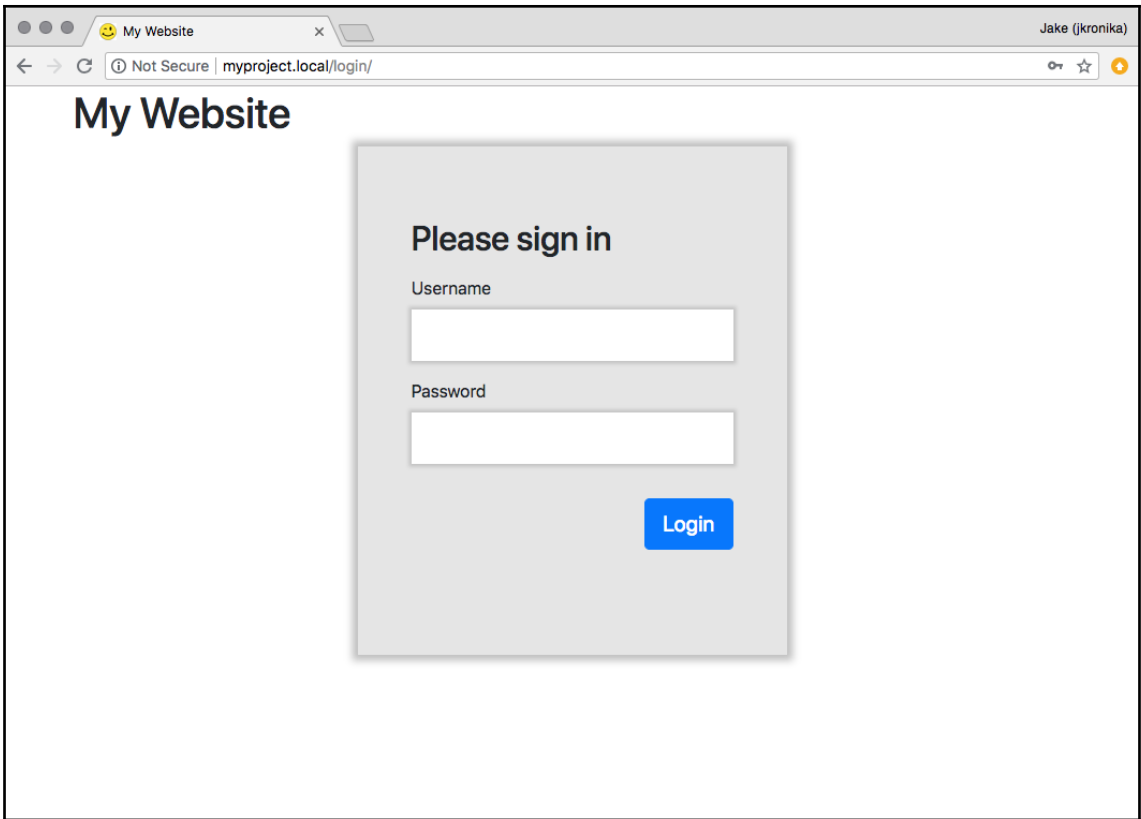
Longitude (Long.) is the angle east or west of a point on Earth at Greenwich (UK), which is the international zero-longitude point (longitude = 0°). The anti-meridian of Greenwich (the opposite side of the planet) is both 180° (to the east) and -180° (to the west).

Map

Schloßstraße 1, 12163 Berlin, Germany
 Schloßstraße 1, 12163 Berlin, Germany
 Schloßstraße 1, 14059 Berlin, Germany
 Schloßstraße 1, 13467 Berlin, Germany
 None of the above

Chapter 7: Security and Performance





Change watermark | Django site x Jake (jkrnika)

Not Secure | myproject.local/admin/watermarker/watermark/1/change/

Django administration

WELCOME, JAKE. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Watermarker > Watermarks > Basic Two-Tone

✔ The watermark "Basic Two-Tone" was added successfully. You may edit it again below.

Change watermark

HISTORY

Name: Basic Two-Tone

Image: Currently: watermarks/watermark.png
Change: Choose File No file chosen

Is active


Delete Save and add another Save and continue editing SAVE

My Website x Jake (jkronika)

Not Secure | myproject.local/en/quotes/1/

My Website

Inspirational Quote

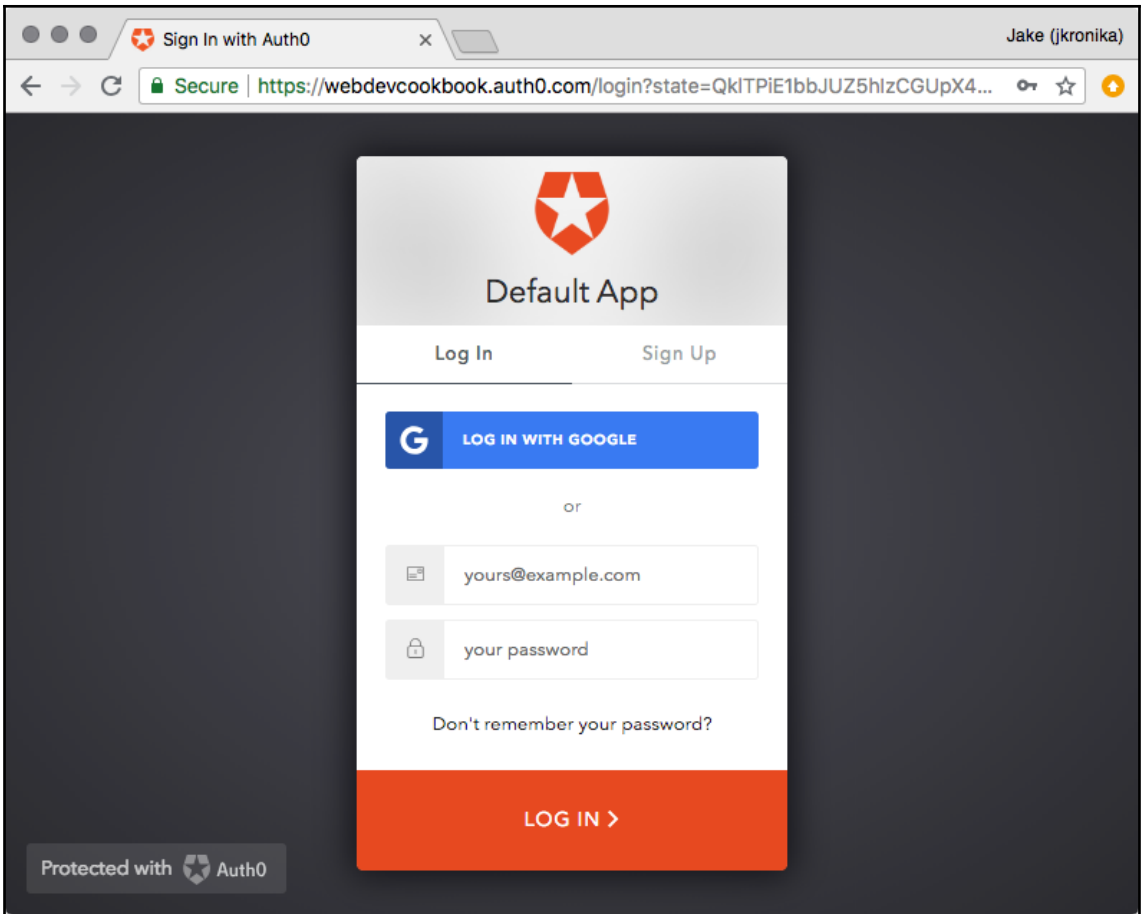


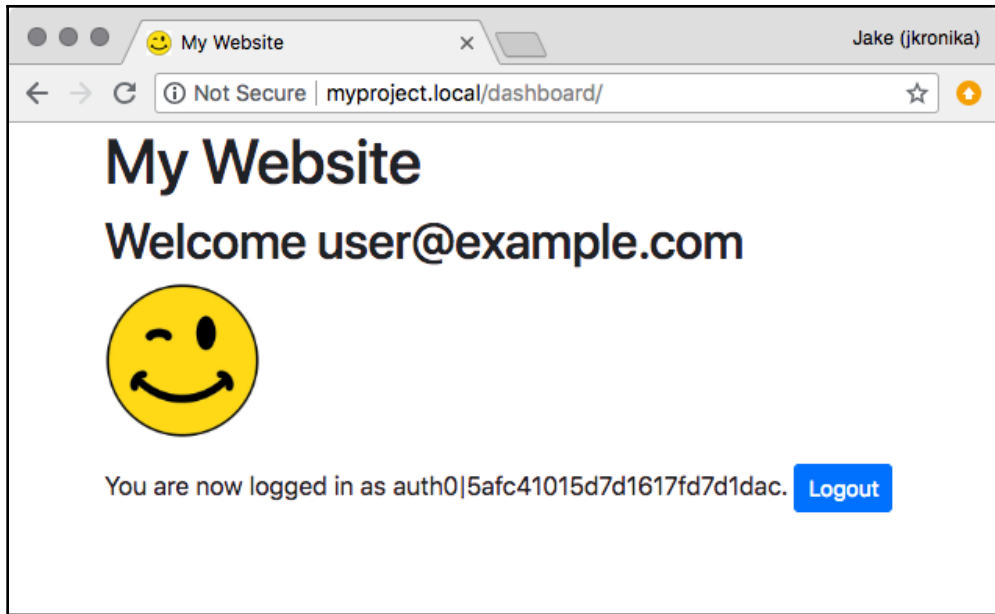
**If you can dream it,
you can do it.**

Walt Disney

If you can dream it, you can do it.

Walt Disney





Chapter 8: Django CMS

The screenshot shows the Django CMS installation success page. At the top left, it displays 'django CMS' and 'example.com' with a 'Language' dropdown menu. A 'Create' button is located at the top right. The main content area features a green checkmark icon followed by the text 'Installation successful!'. Below this is the Django CMS logo. A white box contains the heading 'Add your first page' and the text 'Welcome to django CMS version 3.5.2.' followed by a blue link 'Add the first page' and the instruction 'to the system to continue.'. Below the white box are links for 'django CMS', 'Support', and 'Documentation'. At the bottom, there are two paragraphs of text: one explaining that the Django CMS logo might not be visible if the 'static/cms' folder is not linked to static files, and another explaining that the message is shown because 'DEBUG = True' is set in the settings file and no pages have been added yet.

django CMS example.com Language Create

✓ Installation successful!

django CMS

Add your first page

Welcome to django CMS version **3.5.2**.

[Add the first page](#) to the system to continue.

[django CMS](#) [Support](#) [Documentation](#)

If you don't see the django CMS logo at the top, make sure you linked the `static/cms` folder to your static files.

You're seeing this message because you have `DEBUG = True` in your django settings file and haven't added any pages yet.

Advanced Settings

[VIEW ON SITE](#)

- en
- de
- fr
- It

Overwrite URL:
Keep this field empty if standard path should be used.

Redirect:
Redirects to this URL.

Language independent options

Template:
The template used to render the content.

Id:
A unique identifier that is used with the page_url templatetag for linking to this page

Soft root
All ancestors will not be displayed in the navigation

Attached menu:

Application:
Hook application to this page.

X Frame Options:
Whether this page can be embedded in other pages or websites

[Basic Settings](#) [Advanced Settings](#)

[Save and continue editing](#) [SAVE](#)

Page Tree (example.com)		Search	Q	...	New Page					
Main Navigation										
		View	EN	DE	FR	LT	Menu			
▼	Home		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	News		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	Movies		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	Music		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	Games		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	FAQ		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	Contact		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	Search		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
▼	Meta		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	Imprint		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	Privacy Policy		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	Terms of Use		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
▼	Footer Navigation		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	News		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	Developers		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
	About Us		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>			
									LEGEND	

Advanced Settings

[VIEW ON SITE](#)

- en
- de
- fr
- It

Overwrite URL:
Keep this field empty if standard path should be used.

Redirect:
Redirects to this URL.

Language independent options

Template:
The template used to render the content.

Id:
A unique identifier that is used with the page_url templatetag for linking to this page

Soft root
All ancestors will not be displayed in the navigation

Attached menu:

Application:
Assign application to this page.

X Frame Options:
Whether this page can be embedded in other pages or websites

[Basic Settings](#) [Advanced Settings](#)

[Save and continue editing](#) [SAVE](#)

Django administration WELCOME, JAKE. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

[Home](#) · [django CMS](#) · [Pages](#) · [Movies](#)

[VIEW ON SITE](#)

Advanced Settings

Overwrite URL:
Keep this field empty if standard path should be used.

Redirect:
Redirects to this URL.

Language independent options

Template:
The template used to render the content.

Id:
A unique identifier that is used with the page_url templatetag for linking to this page

Soft root
All ancestors will not be displayed in the navigation

Attached menu:
Movies Menu

Application:
Hook application to this page.

Application instance name:

X Frame Options:
Whether this page can be embedded in other pages or websites

[Basic Settings](#) [Advanced Settings](#)

My Website [News](#) [Movies](#) en de fr it

Editor Picks
 Commercial Movies
 Independent Movies
 Top 250 Movies

Top Movies

1. **The Shawshank Red** ★★★★★★★★☆☆
2. **The Godfather** (1972) ★★★★★★★★☆☆
3. **The Godfather: Part II** (1974) ★★★★★★★★☆☆
4. **The Dark Knight** (2008) ★★★★★★★★☆☆
5. **12 Angry Men** (1957) ★★★★★★★★☆☆

django CMS example.com Page Language Create View published

Editorial Content Change Editorial content

Main Content (Hide)

Title:

Subtitle:

Description:

Website:

Image (Hide)

Image: Currently: [editorial/2018/09/20180930164623.jpg](#) Clear
Change: No file chosen

Image Caption:

Cancel Delete Save

News



Solar Panels

Test title

Test subtitle

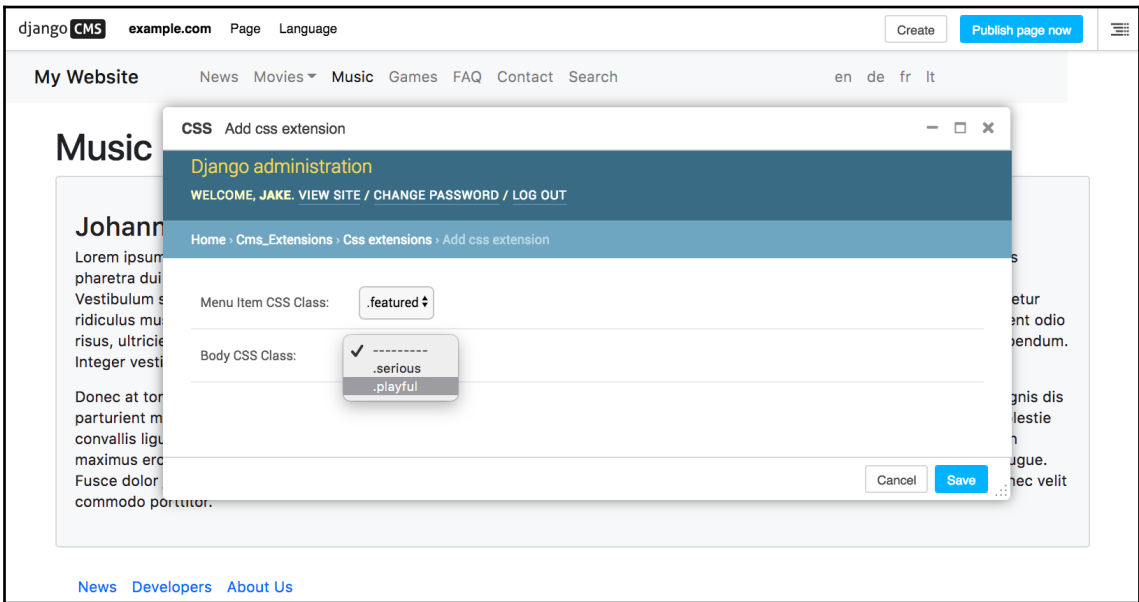
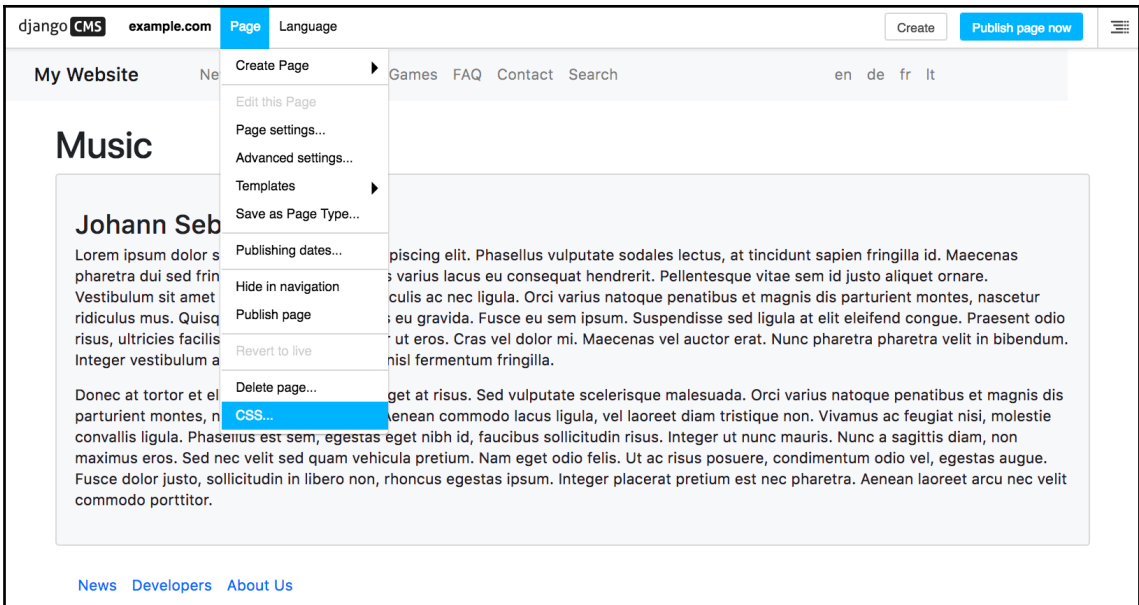
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate sodales lectus, at tincidunt sapien fringilla id. Maecenas pharetra dui sed fringilla condimentum. Cras varius lacus eu consequat hendrerit. Pellentesque vitae sem id justo aliquet ornare. Vestibulum sit amet ex luctus mi tincidunt iaculis ac nec ligula. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Quisque consectetur at turpis eu gravida. Fusce eu sem ipsum. Suspendisse sed ligula at elit eleifend congue. Praesent odio risus, ultricies facilisis dignissim vel, semper ut eros. Cras vel dolor mi. Maecenas vel auctor erat. Nunc pharetra pharetra velit in bibendum. Integer vestibulum ante magna, sed finibus nisl fermentum fringilla.

Maecenas sodales sit amet lectus congue mattis

Proin pharetra erat dolor, at lacinia nisl cursus a. Aliquam vel imperdiet lectus. Vivamus commodo orci in ornare eleifend. Maecenas vulputate erat quis justo commodo viverra. Cras auctor nisi enim, et convallis ante consectetur sed. Fusce fringilla feugiat ullamcorper.

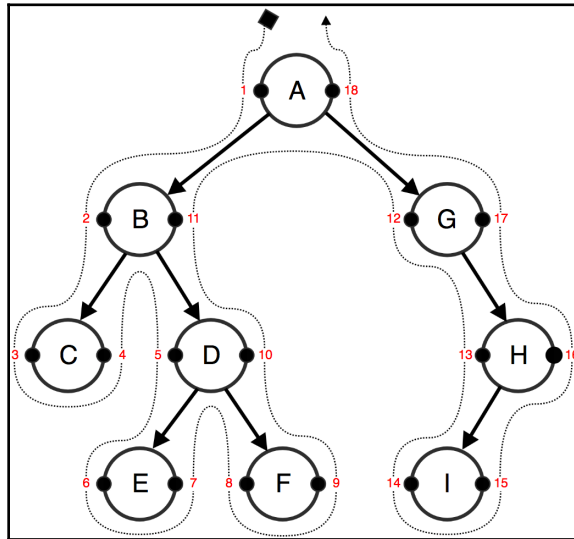
Phasellus leo sapien

Cursus vel mauris quis, venenatis suscipit lectus. Duis eget tellus nec velit vehicula vulputate a id nibh. Nulla sed rhoncus velit. Aliquam non mollis nulla. Vestibulum ex turpis, auctor sed auctor vel, dapibus commodo orci. Donec venenatis auctor ornare.



Music

Chapter 9: Hierarchical Structures



Select Category to change | D | x

myproject.local/admin/movies/category/

Jake (jkronika)

WELCOME, JAKE. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home » Movies » Categories

Select Category to change

ADD CATEGORY + GRID VIEW

Action (edit) (add) ▼

Girls with guns and swords (edit) (add)

Heroic bloodshed (edit) (add)

Military fiction (edit) (add)

Spy fiction (edit) (add)

Western fiction (edit) (add)

Wuxia (edit) (add)

Adventure (edit) (add) ▼

Shōnen manga (edit) (add)

Superhero fiction (edit) (add)

Comedy (edit) (add) ▼

Comedy horror (edit) (add)

Comedy of manners (edit) (add)

Comic fantasy (edit) (add)

Comic science fiction (edit) (add)

Humorous (edit) (add)

Parody (edit) (add)

Romantic comedy (edit) (add)

FILTER

By creation date and time

Any date

Today

Past 7 days

This month

This year

Select Category to change | D | x Jake (jkronika)

myproject.local/admin/movies/category/

Django administration

WELCOME, JAKE. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Movies > Categories

Select Category to change ADD CATEGORY + GRID VIEW

	FILTER
Action (edit) (add) ▼	By creation date and time
Girls with guns and swords (edit) (add)	Any date
Heroic bloodshed (edit) (add)	Today
Military fiction (edit) (add)	Past 7 days
Adventure	This month
Spy fiction (edit) (add)	This year
Western fiction (edit) (add)	
Wuxia (edit) (add)	
Adventure (edit) (add) ▼	
Shōnen manga (edit) (add)	
Superhero fiction (edit) (add)	
Comedy (edit) (add) ▼	
Comedy (edit) (add) ▼	

Select Category to change | Django Administration

myproject.local/admin/movies/category/grid

WELCOME, JAKE. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Movies > Categories

Select Category to change

ADD CATEGORY + TREE VIEW

FILTER

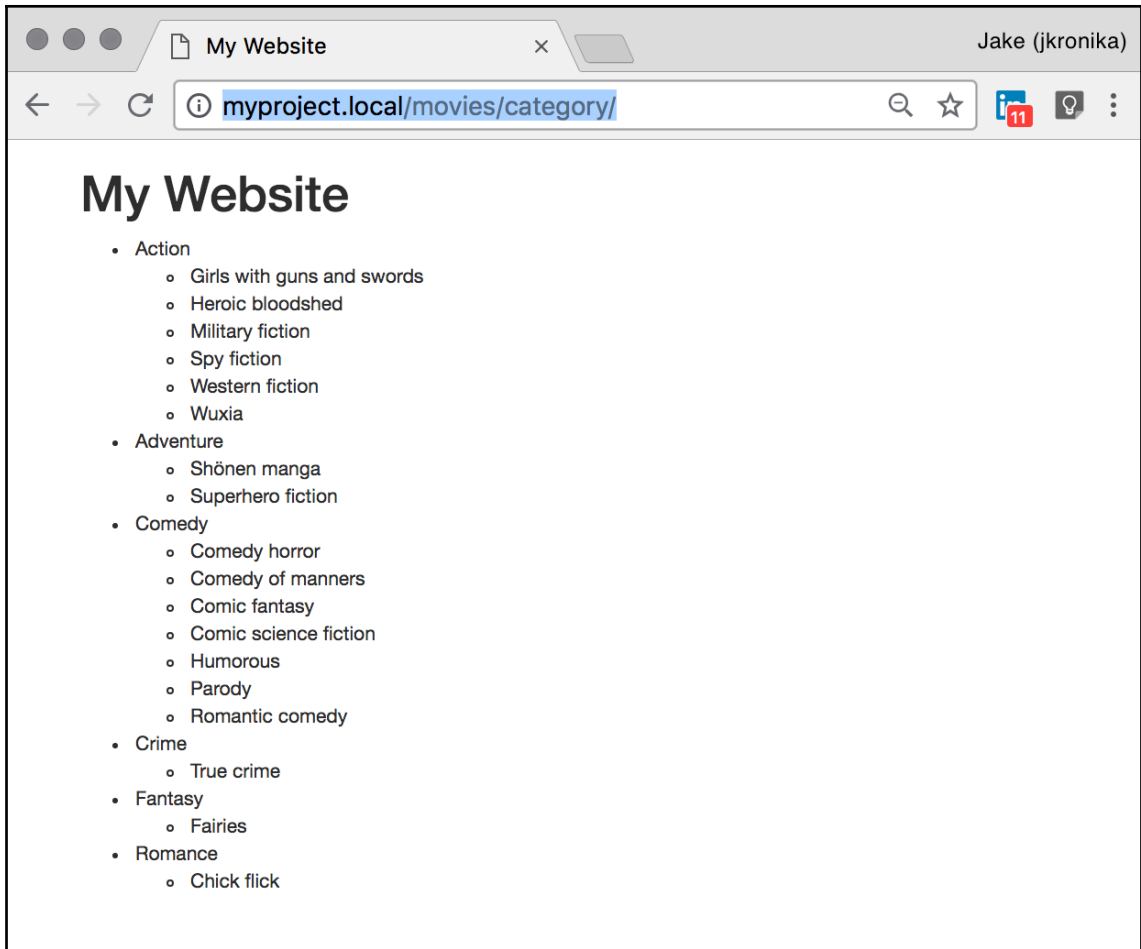
By creation date and time

- Any date
- Today
- Past 7 days
- This month
- This year

Action: [dropdown] Go 0 of 24 selected

<input type="checkbox"/>	TITLE	CREATION DATE AND TIME	MODIFICATION DATE AND TIME
<input type="checkbox"/>	Action	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Girls with guns and swords	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Heroic bloodshed	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Military fiction	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Spy fiction	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Western fiction	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Wuxia	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Adventure	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:54 p.m.
<input type="checkbox"/>	Shōnen manga	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Superhero fiction	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Comedy	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Comedy horror	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Comedy of manners	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Comic fantasy	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Comic science fiction	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Humorous	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Parody	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Romantic comedy	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Crime	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	True crime	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Fantasy	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Fairies	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Romance	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.
<input type="checkbox"/>	Chick flick	June 22, 2018, 3:25 p.m.	June 22, 2018, 3:25 p.m.

24 Categories



-
-
- ✓ Action
 - Girls with guns and swords
 - Heroic bloodshed
 - Military fiction
 - Spy fiction
 - Western fiction
 - Wuxia
 - Adventure
 - Shōnen manga
 - Superhero fiction
 - Comedy
 - Comedy horror
 - Comedy of manners
 - Comic fantasy
 - Comic science fiction
 - Humorous
 - Parody
 - Romantic comedy
 - Crime
 - True crime
 - Fantasy
 - Fairies
 - Romance
 - Chick flick

My Website x Jake (jkronika)

← → ↻ Not Secure | myproject.local/movies/add/ 🔍 ☆ 📱 💡 ⋮

My Website

Add Movie

Title*

Categories

- Action
 - Girls with guns and swords
 - Heroic bloodshed
 - Military fiction
 - Spy fiction
 - Western fiction
 - Wuxia
- Adventure
 - Shōnen manga
 - Superhero fiction
- Comedy
 - Comedy horror
 - Comedy of manners
 - Comic fantasy
 - Comic science fiction
 - Humorous
 - Parody
 - Romantic comedy
- Crime

Select Idea Category to change

myproject.local/admin/ideas/category/

Django administration WELCOME, JAKE. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Ideas > Idea Categories

ADD IDEA CATEGORY +

Action: Go 0 of 34 selected

<input type="checkbox"/>	+	TITLE	CREATION DATE AND TIME	MODIFICATION DATE AND TIME
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Jokes 	July 23, 2018, 4:11 a.m.	July 23, 2018, 4:11 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Analogy 	July 23, 2018, 4:19 a.m.	July 23, 2018, 4:19 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Character 	July 23, 2018, 4:19 a.m.	July 23, 2018, 4:19 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Hyperbole 	July 23, 2018, 4:19 a.m.	July 23, 2018, 4:19 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Irony 	July 23, 2018, 4:19 a.m.	July 23, 2018, 4:19 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Madcap 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Meta-humour 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Misplaced focus 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Parody 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Reference 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Shock 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Wordplay 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Recipes 	July 23, 2018, 4:21 a.m.	July 23, 2018, 4:21 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Writing 	July 23, 2018, 4:22 a.m.	July 23, 2018, 4:22 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Prose 	July 23, 2018, 4:23 a.m.	July 23, 2018, 4:23 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Poetry 	July 23, 2018, 4:23 a.m.	July 23, 2018, 4:23 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Haiku 	July 23, 2018, 4:25 a.m.	July 23, 2018, 4:25 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Limerick 	July 23, 2018, 4:25 a.m.	July 23, 2018, 4:25 a.m.
<input type="checkbox"/>	+	<input type="checkbox"/> <ul style="list-style-type: none"> Sonnet 	July 23, 2018, 4:25 a.m.	July 23, 2018, 4:25 a.m.

34 Idea Categories

FILTER

By creation date and time

- Any date
- Today
- Past 7 days
- This month
- This year

Select Idea Category to change

myproject.local/admin/ideas/category/

Jake (jkronika)

WELCOME, JAKE. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Ideas > Idea Categories

Select Idea Category to change

ADD IDEA CATEGORY +

Action: Go 0 of 34 selected

<input type="checkbox"/>	TITLE	CREATION DATE AND TIME	MODIFICATION DATE AND TIME
<input type="checkbox"/>	Jokes	July 23, 2018, 4:11 a.m.	July 23, 2018, 4:11 a.m.
<input type="checkbox"/>	Analogy	July 23, 2018, 4:19 a.m.	July 23, 2018, 4:19 a.m.
<input type="checkbox"/>	Character	July 23, 2018, 4:19 a.m.	July 23, 2018, 4:19 a.m.
<input type="checkbox"/>	Hyperbole	July 23, 2018, 4:19 a.m.	July 23, 2018, 4:19 a.m.
<input type="checkbox"/>	Irony	July 23, 2018, 4:19 a.m.	July 23, 2018, 4:19 a.m.
<input type="checkbox"/>	Madcap	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	Meta-humour	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	Misplaced focus	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	Parody	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	Reference	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	Shock	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	Wordplay	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	Recipes	July 23, 2018, 4:21 a.m.	July 23, 2018, 4:28 a.m.
<input type="checkbox"/>	Recipes	July 23, 2018, 4:21 a.m.	July 23, 2018, 4:28 a.m.
<input type="checkbox"/>	Prose	July 23, 2018, 4:23 a.m.	July 23, 2018, 4:23 a.m.
<input type="checkbox"/>	Poetry	July 23, 2018, 4:23 a.m.	July 23, 2018, 4:23 a.m.
<input type="checkbox"/>	Halku	July 23, 2018, 4:25 a.m.	July 23, 2018, 4:25 a.m.
<input type="checkbox"/>	Limerick	July 23, 2018, 4:25 a.m.	July 23, 2018, 4:25 a.m.
<input type="checkbox"/>	Sonnet	July 23, 2018, 4:25 a.m.	July 23, 2018, 4:25 a.m.

34 Idea Categories

FILTER

By creation date and time

Any date

Today

Past 7 days

This month

This year

As Sibling

Select Idea Category to change

myproject.local/admin/ideas/category/?created__gte=2018-07-23+00%3A00... Jake (jkronika)

Django administration WELCOME, JAKE. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Ideas > Idea Categories

Select Idea Category to change ADD IDEA CATEGORY +

Action: Go 0 of 34 selected

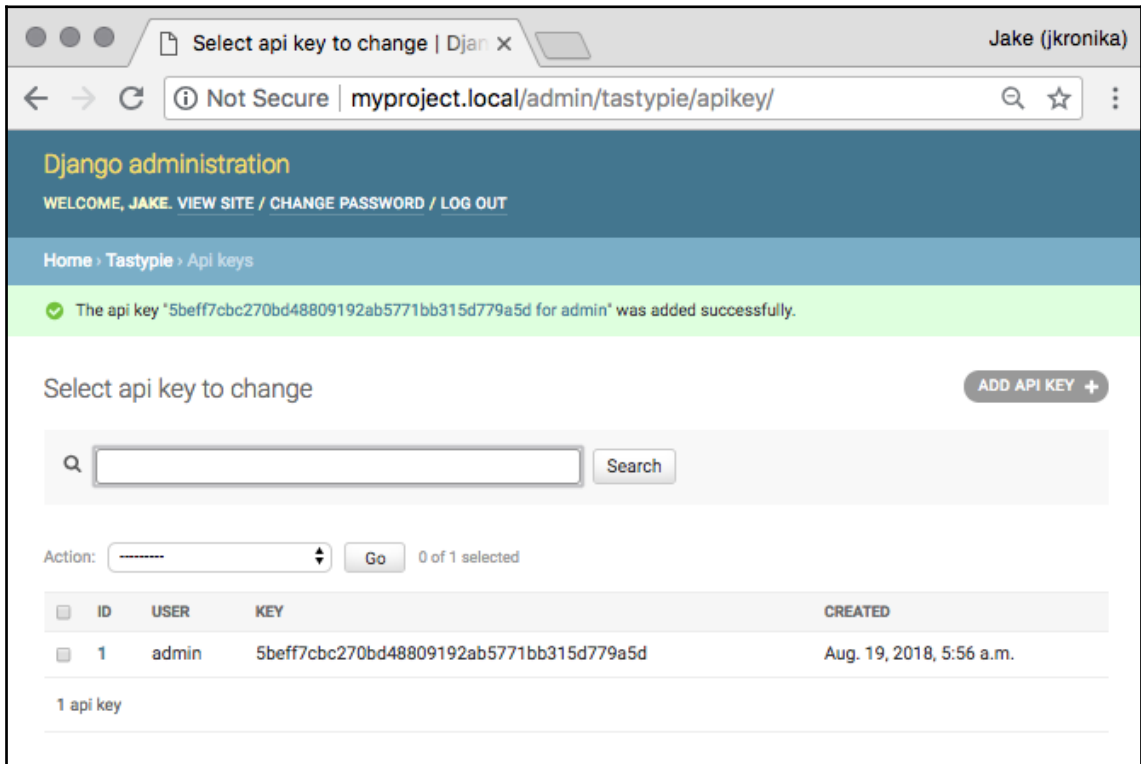
<input type="checkbox"/>	TITLE	CREATION DATE AND TIME	MODIFICATION DATE AND TIME
<input type="checkbox"/>	<ul style="list-style-type: none"> Jokes 	July 23, 2018, 4:11 a.m.	July 23, 2018, 4:11 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Analogy 	July 23, 2018, 4:19 a.m.	July 23, 2018, 4:19 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Character 	July 23, 2018, 4:19 a.m.	July 23, 2018, 4:19 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Hyperbole 	July 23, 2018, 4:19 a.m.	July 23, 2018, 4:19 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Irony 	July 23, 2018, 4:19 a.m.	July 23, 2018, 4:19 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Madcap 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Meta-humour 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Misplaced focus 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Parody 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Reference 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Shock 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Wordplay 	July 23, 2018, 4:20 a.m.	July 23, 2018, 4:20 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Recipes 	July 23, 2018, 4:21 a.m.	July 23, 2018, 4:26 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Crock Pot 	July 23, 2018, 4:22 a.m.	July 23, 2018, 4:22 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Easy 	July 23, 2018, 4:22 a.m.	July 23, 2018, 4:22 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Fast 	July 23, 2018, 4:22 a.m.	July 23, 2018, 4:22 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Gluten Free 	July 23, 2018, 4:22 a.m.	July 23, 2018, 4:22 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Halal 	July 23, 2018, 4:22 a.m.	July 23, 2018, 4:22 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Low Carb 	July 23, 2018, 4:22 a.m.	July 23, 2018, 4:22 a.m.
<input type="checkbox"/>	<ul style="list-style-type: none"> Low Calorie 	July 23, 2018, 4:22 a.m.	July 23, 2018, 4:22 a.m.

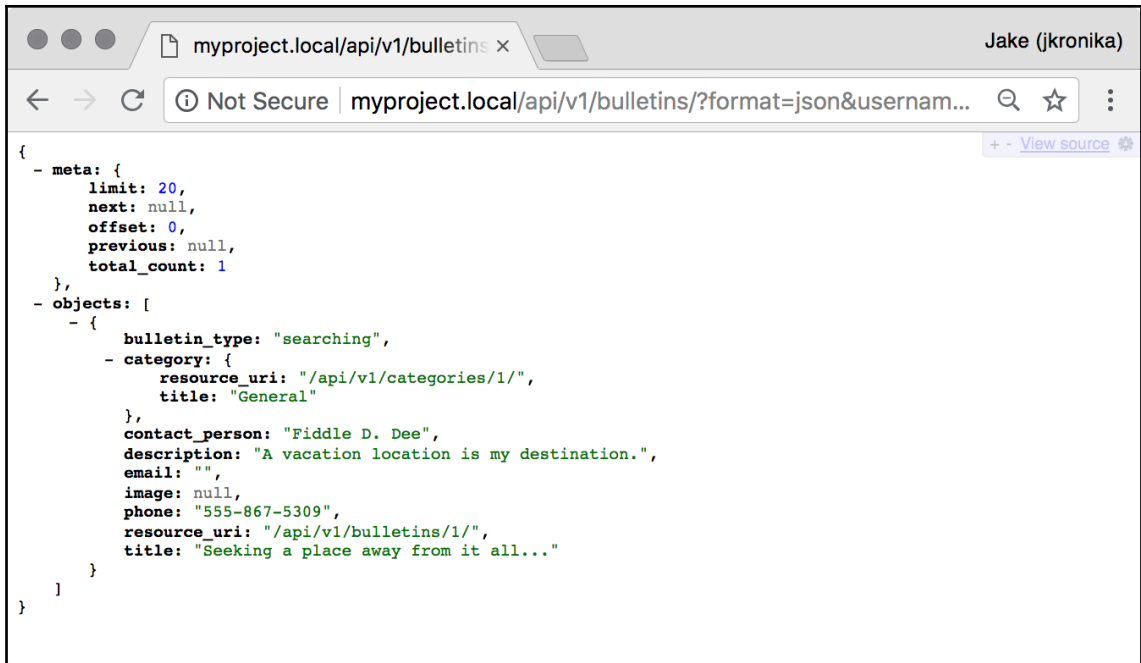
FILTER

By creation date and time

- Any date
- Today
- Past 7 days
- This month
- This year

Chapter 10: Importing and Exporting Data





The image shows a web browser window with the address bar displaying `myproject.local/api/v1/bulletins`. The page content is a JSON response from an API endpoint, rendered in a light blue monospace font. The JSON structure includes a `meta` object with pagination details and an `objects` array containing a single bulletin object with various fields like `bulletin_type`, `category`, `contact_person`, `description`, `email`, `image`, `phone`, `resource_uri`, and `title`.

```
{
  - meta: {
    limit: 20,
    next: null,
    offset: 0,
    previous: null,
    total_count: 1
  },
  - objects: [
    - {
      bulletin_type: "searching",
      - category: {
        resource_uri: "/api/v1/categories/1/",
        title: "General"
      },
      contact_person: "Fiddle D. Dee",
      description: "A vacation location is my destination.",
      email: "",
      image: null,
      phone: "555-867-5309",
      resource_uri: "/api/v1/bulletins/1/",
      title: "Seeking a place away from it all..."
    }
  ]
}
```

Rest Bulletin List

Rest Bulletin List

OPTIONS

GET

GET /rest-api/bulletin-board/

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

```
{
  "count": 2,
  "next": null,
  "previous": null,
  "results": [
    {
      "id": 2,
      "bulletin_type": "offering",
      "title": "Oof",
      "description": "Arb",
      "contact_person": "Baz Luhrman",
      "phone": "",
      "email": "",
      "image": null,
      "category": {
        "id": 1,
        "title": "Awesome"
      }
    },
    {
      "id": 1,
      "bulletin_type": "searching",
      "title": "Foo",
      "description": "Bar",
      "contact_person": "Baz Luhrman",
      "phone": "",
      "email": "",
      "image": null,
      "category": null
    }
  ]
}
```

Postman

Bulletin List | Create Bulletin | No Environment

POST | http://myproject.local/rest-api/bulletin-board/ | Params | Send | Save

Authorization | Headers (1) | Body | Pre-request Script | Tests | Cookies | Code

form-data | x-www-form-urlencoded | raw | binary

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> bulletin_type	searching	
<input checked="" type="checkbox"/> title	TEST	
<input checked="" type="checkbox"/> contact_person	TEST	
<input checked="" type="checkbox"/> category.title	TEST	
<input checked="" type="checkbox"/> description	Text TEST	X
Key	Value	Description

Body | Cookies | Headers (8) | Test Results | Status: 201 Created | Time: 5201 ms | Size: 410 B

Pretty | Raw | Preview | JSON | Save Response

```
1- {
2   "id": 2,
3   "bulletin_type": "searching",
4-  "category": {
5     "id": 2,
6     "title": "TEST"
7   },
8   "title": "TEST",
9   "description": "TEST",
10  "contact_person": "TEST",
11  "phone": "",
12  "email": "",
13  "image": null
14 }
```

Build | Browse

Django REST framework admin ▾

Rest Bulletin List

Rest Bulletin List

[OPTIONS](#) [GET ▾](#)

GET /rest-api/bulletin-board/

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

{
  "count": 2,
  "next": null,
  "previous": null,
  "results": [
    {
      "id": 2,
      "bulletin_type": "offering",
      "title": "Gof",
      "description": "Arb",
      "contact_person": "Baz Luhrman",
      "phone": "",
      "email": "",
      "image": null,
      "category": {
        "id": 1,
        "title": "Awesome"
      }
    },
    {
      "id": 1,
      "bulletin_type": "searching",
      "title": "Foo",
      "description": "Bar",
      "contact_person": "Baz Luhrman",
      "phone": "",
      "email": "",
      "image": null,
      "category": null
    }
  ]
}
```

[Raw data](#) [HTML form](#)

Type

Title

Description

Contact person

Phone

Email

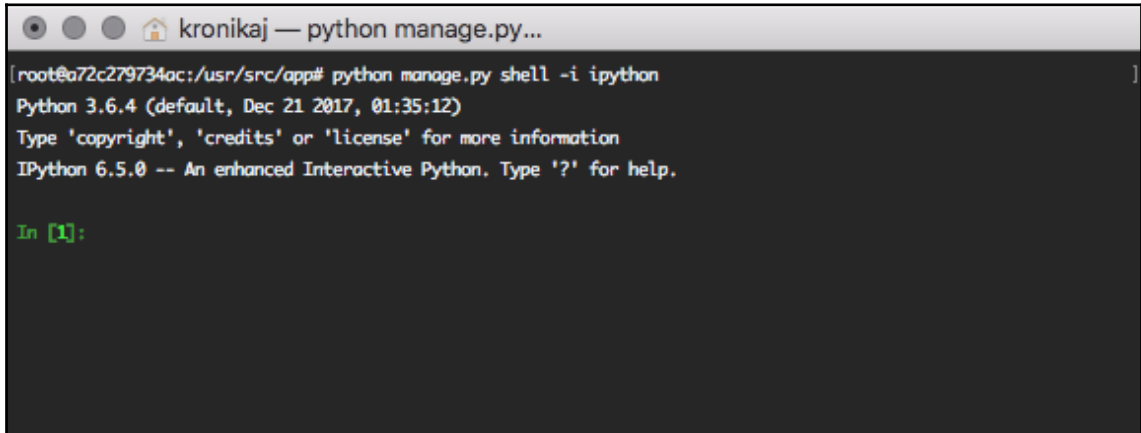
Image No file chosen

Category

Title

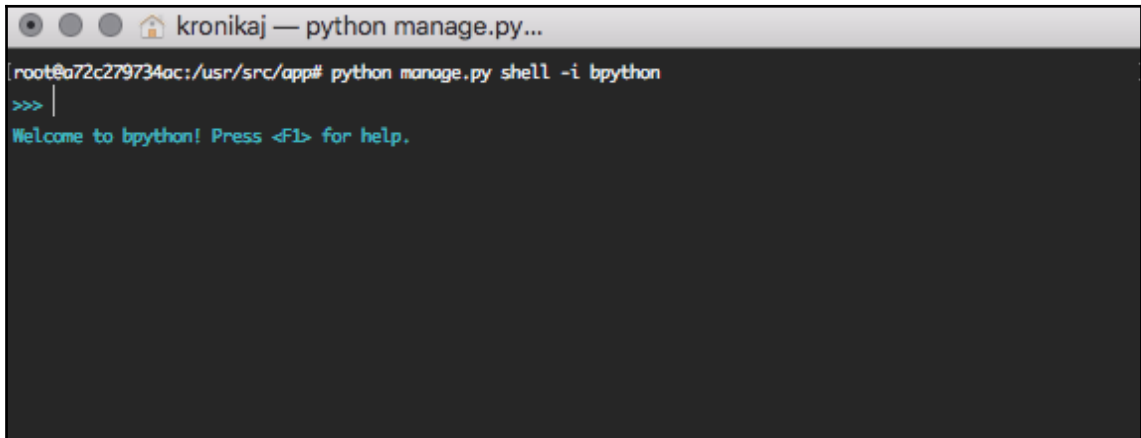
[POST](#)

Chapter 11: Bells and Whistles



```
kronikaj — python manage.py...
[root@a72c279734ac:/usr/src/app# python manage.py shell -i ipython
Python 3.6.4 (default, Dec 21 2017, 01:35:12)
Type 'copyright', 'credits' or 'license' for more information
IPython 6.5.0 -- An enhanced Interactive Python. Type '?' for help.

In [1]:
```



```
kronikaj — python manage.py...
[root@a72c279734ac:/usr/src/app# python manage.py shell -i bpython
>>> |
Welcome to bpython! Press <F1> for help.
```



```
kronikaj — python manage.py...
[root@a72c279734ac:/usr/src/app# python manage.py shell -i python
Python 3.6.4 (default, Dec 21 2017, 01:35:12)
[GCC 4.9.2] on linux
Type "help", "copyright", "credits" or "license" for more information.
(InteractiveConsole)
>>> |
```

```
kronikaj — python manage.py...
[root@a72c279734ac:/usr/src/app# python manage.py shell
]>>> import re
]>>> re.__version__
]'2.2.1'
]>>> re._version__
|-----|
| A      ASCII      DEBUG      DOTALL     I          |
| IGNORECASE L        LOCALE     M          MULTILINE  |
| RegexpFlag S        Scanner   T          TEMPLATE  |
| U      UNICODE   VERBOSE   X          compile   |
| copyreg enum      error     escape    findall   |
|-----|
```

```
kronikaj — python manage.py...
[root@a72c279734ac:/usr/src/app# python manage.py shell
Python 3.6.4 (default, Dec 21 2017, 01:35:12)
Type 'copyright', 'credits' or 'license' for more information
IPython 6.5.0 -- An enhanced Interactive Python. Type '?' for help.

[In [1]: from django.forms import ModelForm

In [2]: help(ModelForm)
```

```
kronikaj — python manage.py...
Help on class ModelForm in module django.forms.models:

class ModelForm(BaseModelForm)
| The main implementation of all the Form logic. Note that this class is
| different than Form. See the comments by the Form class for more info. Any
| improvements to the form API should be made to this class, not to the Form
| class.
|
| Method resolution order:
|   ModelForm
|   BaseModelForm
|   django.forms.forms.BaseForm
|   builtins.object
|
| Data descriptors defined here:
|
| media
|
| -----
| Data and other attributes defined here:
|
| base_fields = OrderedDict()
|
| declared_fields = OrderedDict()
|
|:
```

```
kronikaj — python manage.py...
[root@8a72c279734ac:/usr/src/app# python manage.py shell -i bpython
[>>> from django.contrib.contenttypes.models import ContentType
[>>> content_type = ContentType.objects.all()[0]
[>>> content_type.__dict__
{'_state': <django.db.models.base.ModelState object at 0x7f8eb5d8f278>, 'id': 1, 'app_label': 'admin', 'model': 'logentry'}
[>>> from pprint import pprint
[>>> pprint(content_type.__dict__)
{'_state': <django.db.models.base.ModelState object at 0x7f8eb5d8f278>,
 'app_label': 'admin',
 'id': 1,
 'model': 'logentry'}
```

```
kronikaj — python manage.py...
[>>> dir(ContentType)
['DoesNotExist', 'MultipleObjectsReturned', '_class_', '_delattr_', '_dict_', '_dir_', '_doc_', '_eq_',
'_format_', '_ge_', '_getattr_', '_getstate_', '_gt_', '_hash_', '_init_', '_init_subclass_', '_le_', '_lt_',
'_module_', '_ne_', '_new_', '_reduce_', '_reduce_ex_', '_repr_', '_setattr_', '_setstate_', '_sizeof_', '_str_',
'_subclasshook_', '_weakref_', '_check_column_name_clashes', '_check_field_name_clashes', '_check_fields',
'_check_id_field', '_check_index_together', '_check_local_fields', '_check_long_column_names', '_check_m2m_through_same_relationship',
'_check_managers', '_check_model', '_check_model_name_db_lookup_clashes', '_check_ordering', '_check_swappable', '_check_unique_together',
'_do_insert', '_do_update', '_get_FIELD_display', '_get_next_or_previous_by_FIELD', '_get_next_or_previous_in_order', '_get_pk_val',
'_get_unique_checks', '_meta', '_perform_date_checks', '_perform_unique_checks', '_save_parents', '_save_table', '_set_pk_val',
'app_label', 'check', 'clean', 'clean_fields', 'date_error_message', 'delete', 'from_db', 'full_clean', 'get_all_objects_for_this_type',
'get_deferred_fields', 'get_object_for_this_type', 'id', 'like_set', 'liked', 'logentry_set', 'model', 'model_class', 'name',
'natural_key', 'objects', 'owner', 'permission_set', 'pk', 'prepare_database_save', 'refresh_from_db', 'save', 'save_base',
'serializable_value', 'unique_error_message', 'validate_unique']
```

```
kronikaj — python manage.py...
[>>> pprint(dir(ContentType))
['DoesNotExist',
'MultipleObjectsReturned',
'_class_',
'_delattr_',
'_dict_',
'_dir_',
'_doc_',
'_eq_',
'_format_',
'_ge_',
'_getattr_',
'_getstate_',
'_gt_',
'_hash_',
```

Michael Jackson - Thriller (Official Video) popular



Impressions

- Authenticated views: 1681
- Anonymous views: 20823
- Total views: 22504

Add bookmark

Name

Debug Toolbar On

URL

```
javascript:(function(){document.cookie="DebugToolbar=1; path=/";location.reload(;;)}());
```

Cancel

Save

Add bookmark

Name

Debug Toolbar Off

URL

```
javascript:(function(){document.cookie="DebugToolbar=0; path="/";location.reload();})();
```

Cancel

Save

SQL queries from 1 connection

default
61.76 ms (72 queries including 64 similar and 64 duplicates)

Query	Timeline	Time (ms)	Action
<code>UPDATE `viral_videos_viralvideo` SET `authenticated_views` = (<code>viral_videos_viralvideo`.`authenticated_views` + 1</code>) WHERE <code>viral_videos_viralvideo`.`id` = 1</code></code>		2.18	
<code>SELECT ... FROM `viral_videos_viralvideo` WHERE <code>viral_videos_viralvideo`.`id` = 1</code></code>		0.61	Sel Expl
<code>SELECT ... FROM `cms_title` INNER JOIN `cms_page` ON (<code>cms_title`.`page_id` = cms_page`.`id</code>) INNER JOIN <code>cms_treenode` ON (<code>cms_page`.`node_id` = cms_treenode`.`id</code>) WHERE (<code>cms_title`.`publisher_is_draft` = 1 AND cms_title`.`path` = 'videos/1')</code></code></code>		0.94	Sel Expl
<code>SELECT ... FROM `django_site` ORDER BY <code>django_site`.`name` ASC</code></code>		2.90	Sel Expl
<code>SELECT ... FROM `cms_cmsplugin` INNER JOIN <code>cms_placeholder` ON (<code>cms_cmsplugin`.`placeholder_id` = cms_placeholder`.`id</code>) WHERE <code>cms_cmsplugin`.`placeholder_id` = 1 ORDER BY cms_cmsplugin`.`path` ASC LIMIT 1</code></code></code>		2.15	Sel Expl
<code>SELECT ... FROM `cms_title` WHERE (<code>cms_title`.`language` = 'en' AND cms_title`.`page_id` IS NULL AND cms_title`.`publisher_is_draft` = 1)</code></code>		0.80	Sel Expl
<code>SELECT ... FROM `cms_page` WHERE <code>cms_page`.`navigation_extenders` = 'MoviesMenu'</code></code>		1.17	Sel Expl
<code>SELECT ... FROM `menus_cachekey` WHERE</code>		2.05	Sel

Hide »

- Versions
DJANGO 2.1.2
- Time
CPU: 1380.00ms (1942.07ms)
- Settings
- Headers
- Request
VIRAL_VIDEO_DETAIL
- SQL
72 QUERIES IN 61.76MS
- Templates
VIRAL_VIDEOS/VIRAL_VIDEO_DETAIL
- Static files
4 FILES USED
- Cache
2 CALLS IN 2.70MS

Templates (39 rendered) ✕

Template path
/usr/src/app/templates

Templates

- viral_videos/viral_video_detail.html**
/usr/src/app/viral_videos/templates/viral_videos/viral_video_detail.html
▶ Toggle context
- base.html**
/usr/src/app/templates/base.html
▶ Toggle context
- cms/toolbar/toolbar_javascript.html**
/usr/src/app/src/django-cms/cms/templates/cms/toolbar/toolbar_javascript.html
▶ Toggle context
- menu/dummy.html**
/usr/src/app/src/django-cms/menus/templates/menu/dummy.html
▶ Toggle context
- menu/menu.html**
/usr/src/app/templates/menu/menu.html
▶ Toggle context
- menu/dummy.html**
/usr/src/app/src/django-cms/menus/templates/menu/dummy.html
▶ Toggle context
- menu/menu.html**
/usr/src/app/templates/menu/menu.html
▶ Toggle context

Hide »

- Versions**
DJANGO 2.1.2
- Time**
CPU: 1380.00ms (1942.07ms)
- Settings**
- Headers**
- Request**
VIRAL_VIDEO_DETAIL
- SQL**
72 QUERIES IN 61.76MS
- Templates**
VIRAL_VIDEOS/VIRAL_VIDEO_DETAI
- Static files**
4 FILES USED
- Cache**
2 CALLS IN 2.70MS

Chapter 12: Testing and Deployment

The screenshot shows the 'Custom Shells' configuration page in Virtualmin. The left sidebar contains navigation options like 'System Settings', 'Email Messages', and 'System Customization'. The main content area has a title 'Custom Shells' and a brief introduction. Below the introduction, there are radio buttons to select between 'Virtualmin built-in defaults' and 'Custom shells below ..'. A table lists various shells with columns for 'Enabled?', 'Path to shell', 'Description', 'Admin?', 'Mailbox?', 'Reseller?', 'Default?', and 'Access'. A 'Save' button is at the bottom left, and a 'Return to virtual servers list' button is at the bottom center.

Enabled?	Path to shell	Description	Admin?	Mailbox?	Reseller?	Default?	Access
<input checked="" type="checkbox"/>	/dev/null	Email only	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No login
<input checked="" type="checkbox"/>	/bin/false	Email and FTP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FTP only
<input type="checkbox"/>	/dev/null	Email only	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No login
<input type="checkbox"/>	/bin/rbash	Email, FTP and SSH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SSH and F
<input type="checkbox"/>	/bin/dash	Email, FTP and SSH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SSH and F
<input checked="" type="checkbox"/>	/bin/sh	Email, FTP and SSH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SSH and F
<input checked="" type="checkbox"/>	/bin/bash	Email, FTP and SSH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SSH and F
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No login

The screenshot shows the 'Create Virtual Server' form in Virtualmin. The left sidebar is the same as in the previous screenshot. The main content area has a title 'Create Virtual Server' and a section for 'New virtual server details'. This section includes input fields for 'Domain name' (myproject.com), 'Description', 'Administration password', 'Server configuration template', 'Account plan', and 'Administration username' (with radio buttons for 'Automatic' and 'Custom username'). Below this is an 'Advanced options' section with 'Enabled features' and 'IP address and forwarding' sections. A 'Create Server' button is at the bottom left, and a 'Return to virtual servers list' button is at the bottom center.

Settings

Add SSH key

Label

Key*

```
ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAQDbxkqjWCowkWJ2JjYCV7ljuHMjy
GyGcd1nxuVhMAI3xq/iKLYj7sedA2bMQZvOINeAw6zzUyb3QZqVh7WVdx1
wP8yWbnKyERGdhrUiLYZvMV0Fq87rowF6jWkiEWRt2+rOOi4aK5HFz7KTC
XxAytKEAMlkSW8guU4GRLbJu1ucEbbkLg9TgMC1Q0Av2nVFAF9Gd1Uwua
7f1A9KgH+NZKsZVOY6bqSCBNfVndy9gp00ji56xFmyetZGZQMAsWvKx1X
MVgEbGzwnHTCyN9O92Ryj8Acapi02IMwx1XBordBLWclw7nHw5TasSS2p
CGNR6JPBAMF3ni3yHolPnu1RI3+X myproject@myproject.com
```

Don't have a key?

Learn how to [generate an SSH key](#).

Already have a key?

Copy and paste your key here with `cat ~/.ssh/id_rsa.pub | pbcopy`.

Problems adding a key?

Read our [troubleshooting page](#) for common issues.

Add key

Cancel