



Static Files Integration

- Create a static directory within the TODO App directory.
- Place CSS and JavaScript files (e.g., styles.css, scripts.js) inside the static directory for styling and interactivity.
- Link the static files in the HTML templates of the TODO App to apply the styles and functionality.

```
# Settings.py
STATIC_URL = '/static/'
STATIC_ROOT = os.path.join(BASE_DIR, 'static')
```

```
<!-- Html file --> k rel="stylesheet" type="text/css" href="{% static 'css/styles.css' %}" />
```

Learn Django | Georges



Using Files in Models

Consider an example model that uses an FileField to store a user's avatar:

```
from django.db import models

class UserProfile(models.Model):
    # Other fields
    avator = models.FileField(upload_to="avators")
```

- Each UserProfile instance will have an avator attribute representing the uploaded photo.
- You can access details of the attached photo, such as its name, path, and URL.
- Note that the actual file name on disk may change after saving the model.

5

Media Files Configuration

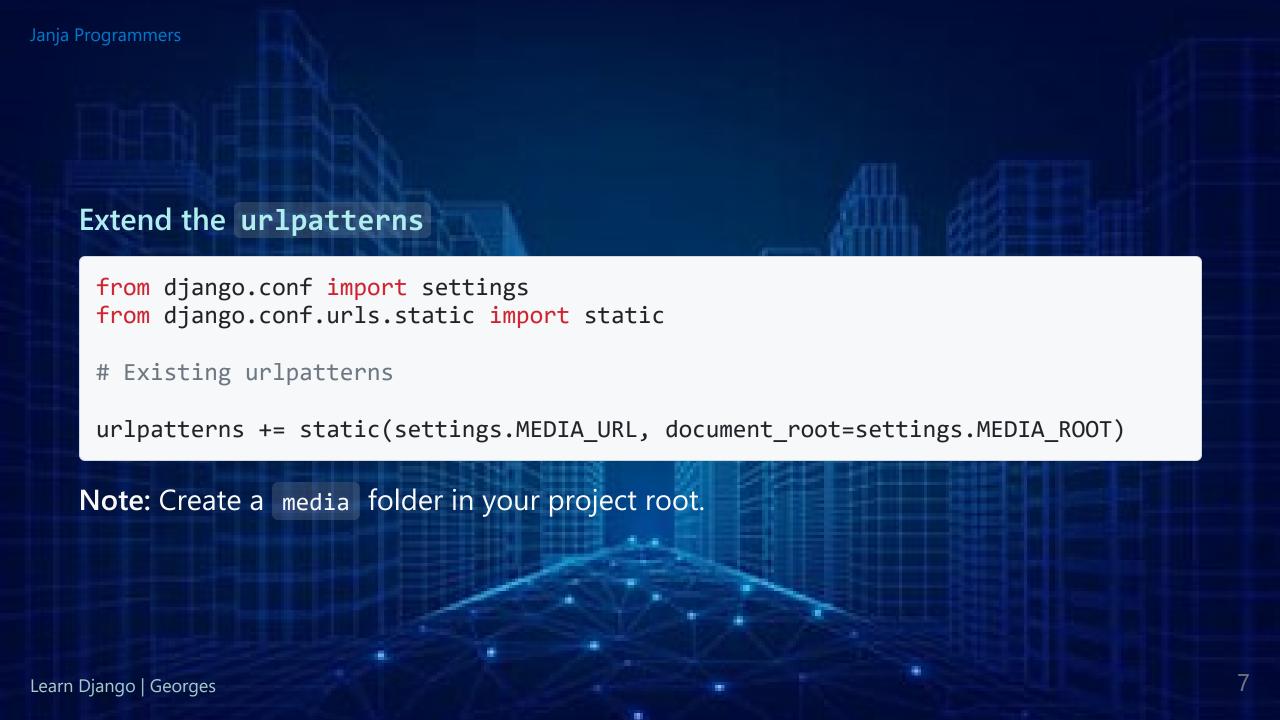
Update the settings.py module

```
DEBUG = True

# Optional: Add context processor for media
TEMPLATES[0]['OPTIONS']['context_processors'].append(
    'django.template.context_processors.media'
)

MEDIA_URL = "/media/"
MEDIA_ROOT = os.path.join(BASE_DIR, "media")
```

By adding 'django.template.context_processors.media' to the context processors, you ensure that the MEDIA_URL variable is automatically available in all your templates. This allows you to easily reference media files in your HTML templates without hardcoding the URL.



Example Usage in an HTML Template

Suppose you want to display a user's avator in an HTML template (list.html). You can do so as follows:

```
<h1>Avator</h1>
<!-- Construct the avator image URL using MEDIA_URL -->
<img src="{{ MEDIA_URL }}{{ task.avator }}" alt="Avator" />
```

In your Django view, pass the avator object (containing the avator image) to the template context. Adjust the template and view code according to your specific project needs.

8

