

Episode 6 – Steps Summary

1. Understand the Difference

- Static Files = CSS, JS, images for your site's design.
- Media Files = User-uploaded content like profile pictures or documents.

2. Configure Static Files in settings.py

- Set STATIC_URL, STATIC_ROOT, and STATICFILES_DIRS.

3. Link Static Files in Templates

- Use {% load static %} and {% static 'path/to/file.css' %} in HTML.

4. Configure Media Files in settings.py

- Set MEDIA_URL and MEDIA_ROOT.

5. Create a Model for File Upload

- Use ImageField with upload_to='foldername/'.

6. Create a ModelForm for Uploads

- Build a ProfileForm that includes name and avatar fields.

7. Write the View Function

- Handle form submission with request.POST and request.FILES.
- Save uploaded files to MEDIA_ROOT.

8. Set Up URLs

- Map /upload/ to your upload_profile view.
- Add urlpatterns += static(...) for serving media in development.

9. Create Upload Template (upload.html)

- Include method="post" and enctype="multipart/form-data".
- Render form with {{ form.as_p }}.

10. Display Uploaded Files in Templates

- Use to render images.

11. Run Migrations

- python manage.py makemigrations
- python manage.py migrate

12. Test Locally

- Upload files via /upload/ and confirm they appear in MEDIA_ROOT.