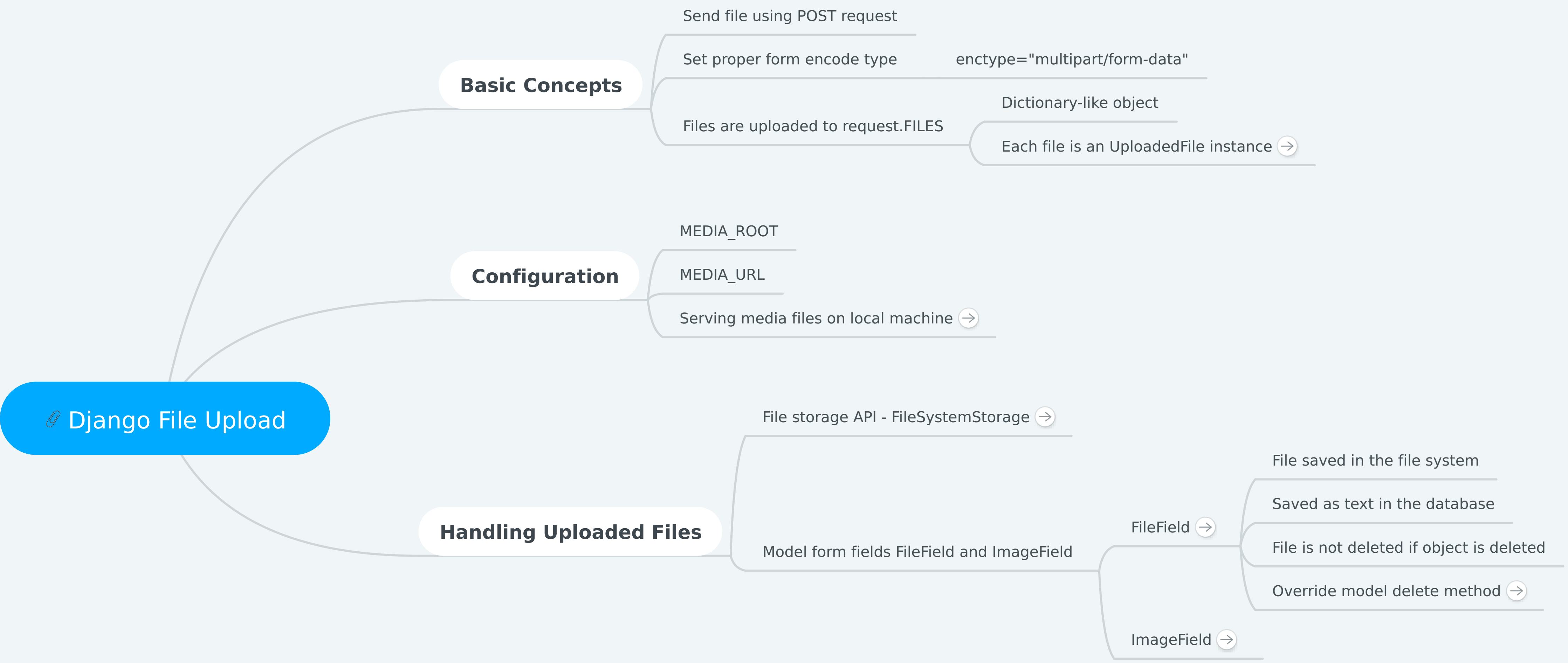

- Django File Upload
  - **Basic Concepts**
    - Send file using POST request
    - Set proper form encode type
      - enctype="multipart/form-data"
    - Files are uploaded to request.FILES
      - Dictionary-like object
      - Each file is an UploadedFile instance
  - **Configuration**
    - MEDIA_ROOT
    - MEDIA_URL
    - Serving media files on local machine
  - **Handling Uploaded Files**
    - File storage API - FileSystemStorage
    - Model form fields FileField and ImageField
      - FileField
        - File saved in the file system
        - Saved as text in the database
        - File is not deleted if object is deleted
        - Override model delete method
      - ImageField

Django File Upload

1. Basic Concepts

1.1. Send file using POST request

1.2. Set proper form encode type

1.2.1. enctype="multipart/form-data"

1.3. Files are uploaded to request.FILES

1.3.1. Dictionary-like object

1.3.2. Each file is an UploadedFile instance

Link: https://docs.djangoproject.com/en/2.1/ref/files/uploads/#uploaded-files

2. Configuration

2.1. MEDIA_ROOT

2.2. MEDIA_URL

2.3. Serving media files on local machine

Link: https://gist.github.com/vitorfs/0a889e491085f6044bc328ae300b3d19

3. Handling Uploaded Files

3.1. File storage API - FileSystemStorage

Link: https://docs.djangoproject.com/en/2.1/ref/files/storage/#the-filesystemstorage-class

3.2. Model form fields FileField and ImageField

3.2.1. FileField

Link: https://docs.djangoproject.com/en/2.1/ref/models/fields/#django.db.models.FileField

3.2.1.1. File saved in the file system

3.2.1.2. Saved as text in the database

3.2.1.3. File is not deleted if object is deleted

3.2.1.4. Override model delete method

Link: https://docs.djangoproject.com/en/2.1/topics/db/models/#overriding-predefined-model-methods

3.2.2. ImageField

Link: https://docs.djangoproject.com/en/2.1/ref/models/fields/#django.db.models.ImageField

3.2.2.1. Pillow — Pillow (PIL Fork) 5.3.0 documentation

Link: https://pillow.readthedocs.io/en/5.3.x/