photomanager

REST API project in Django

made by Robert Rachubiński

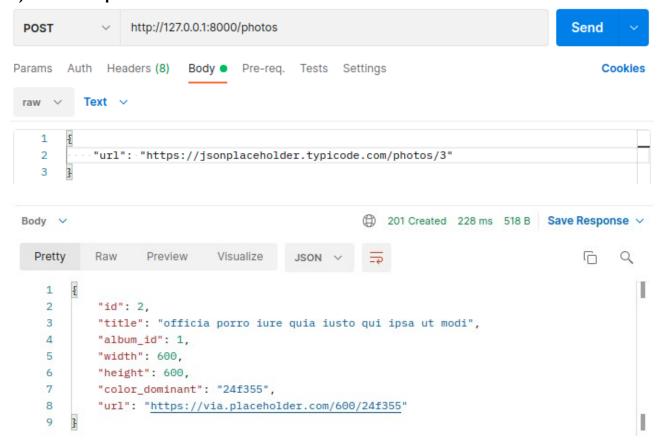
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EXAMPLE OF REQUESTS USING POSTMAN

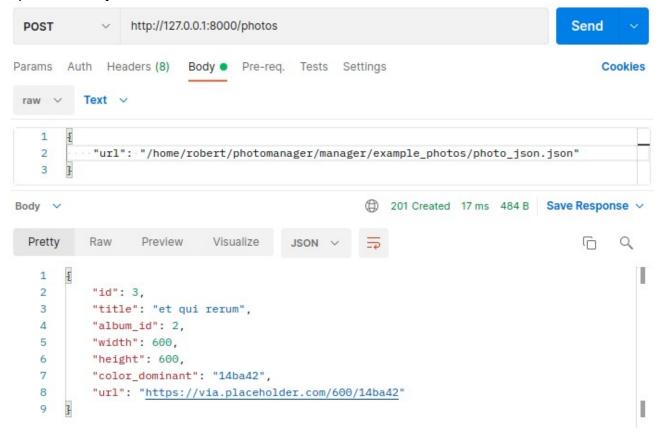
1) POST new photo from local file

```
POST
                  http://127.0.0.1:8000/photos
                                                                                        Send
Params Auth Headers (8)
                           Body • Pre-req.
                                                   Settings
                                                                                             Cookies
                                            Tests
           Text ∨
 raw
    1
            "title": "strawberries",
    2
            "album_id": 1,
    3
    4
            "url": "/home/robert/media_examples/strawberries.jpg"
    5
Body ~
                                                     (f) 201 Created 1908 ms 491 B
                                                                                    Save Response V
  Pretty
                                                                                               Q
           Raw
                    Preview
                               Visualize
                                                                                          ū
                                            JSON
    1
    2
            "id": 1,
            "title": "strawberries",
    3
    4
            "album_id": 1,
            "width": 1350,
    5
    6
            "height": 898,
    7
            "color_dominant": "d01c23",
            "url": "/home/robert/media_examples/strawberries.jpg"
    8
    9
```

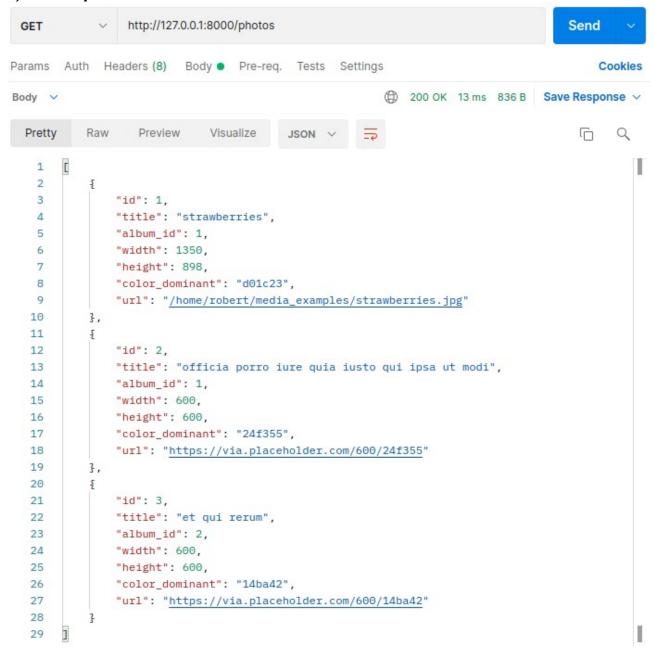
2) POST new photo from external API



3) POST new photo from JSON file



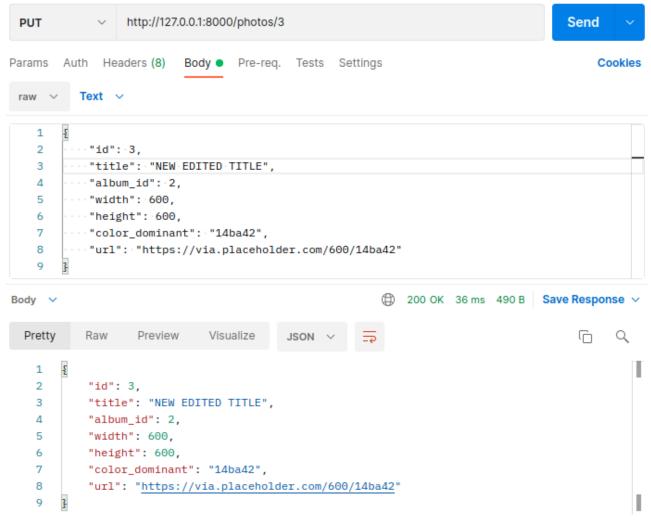
4) GET all photos



5) GET photo with defined id=3

```
http://127.0.0.1:8000/photos/3
 GET
                                                                                      Send
Params Auth Headers (8) Body Pre-req. Tests Settings
                                                                                           Cookies
Body V
                                                          (200 OK 6 ms 486 B Save Response V
  Pretty
           Raw
                    Preview
                               Visualize
                                           JSON
                                                                                        Q
    1
    2
            "id": 3,
            "title": "et qui rerum",
    3
    4
            "album_id": 2,
    5
            "width": 600,
    6
            "height": 600,
    7
            "color_dominant": "14ba42",
    8
            "url": "https://via.placeholder.com/600/14ba42"
    9
```

6) PUT photo with defined id=3 (example of changing the title from "et qui rerum" into "NEW EDITED TITLE")



7) DELETE photo with defined id=3



8) Try GET photo with defined id=3, which was deleted



9) Tests (they are written in /photomanager/manager/tests.py)

run from terminal from /photomanager: python manage.py test

10) CLI script for import photos from external API or from JSON file.

run from terminal from /photomanager/manager: python cli_script.py

10a) Import from external API:

```
robert@robert-Lenovo: ~/photomanager/manager

(photomanager) robert@robert-Lenovo: ~/photomanager/manager$ python cli_script.py

Script that calls the import from 'external API' https://jsonplaceholder.typicode.com/photos/ + 'id' or from 'JSON file' with a similar structure.

Example input url: https://jsonplaceholder.typicode.com/photos/5
Example input url: manager/example_photos/photo_json.json (or full system path)

Input source url: https://jsonplaceholder.typicode.com/photos/5
status_code = 201
CREATED: {"id": 4, "title": "natus nisi omnis corporis facere molestiae rerum in", "album_id": 1, "width": 600, "height": 600, "color_dominant": "f66b97", "url": "https://via.placeholder.com/600/f66b97"}
```

10b) Import from JSON file: