

RESTful API Documentation (with Allowed Values)

GET - List of all objects

Endpoint: GET /objects

URL: <https://api.restful-api.dev/objects>

Response: 200 OK

Sample Data:

```
[
  {
    "id": "1",
    "name": "Google Pixel 6 Pro",
    "data": {
      "color": "Cloudy White",      # Allowed: Cloudy White, Black, Stormy Gray
      "capacity": "128 GB"        # Allowed: 128 GB, 256 GB, 512 GB
    }
  },
  ...
]
```

GET - List of objects by IDs

Endpoint: GET /objects?id=3&id=5&id=10

URL: <https://api.restful-api.dev/objects?id=3&id=5&id=10>

Response: 200 OK

Sample Field Allowed Values:

- capacity GB: 128, 256, 512
- color: Brown, Cloudy White
- Capacity: 64 GB, 128 GB, 256 GB

GET - Single object

Endpoint: GET /objects/7

URL: <https://api.restful-api.dev/objects/7>

Response: 200 OK

Sample Field Allowed Values:

- year: Any valid 4-digit year
- price: Float value (e.g., 1849.99)
- CPU model: Intel Core i5/i7/i9
- Hard disk size: 512 GB, 1 TB, 2 TB

POST - Add object

Endpoint: POST /objects

URL: <https://api.restful-api.dev/objects>

Request Body:

- name: Any string
- data: JSON object
 - year: Number

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- price: Float
- CPU model: Intel Core i5/i7/i9
- Hard disk size: 512 GB, 1 TB, 2 TB

Response: 200 OK (with created object details)

PUT - Update object

Endpoint: PUT /objects/7

URL: <https://api.restful-api.dev/objects/7>

Request Body:

- data.color: silver, space gray, black
- data.Hard disk size: 512 GB, 1 TB, 2 TB
- data.CPU model: Intel Core i9, M1 Pro, M2 Max

DELETE - Delete object

Endpoint: DELETE /objects/6

URL: <https://api.restful-api.dev/objects/6>

Response: 200 OK

```
{ "message": "Object with id = 6, has been deleted." }
```

Field Constraints Summary

Field: capacity / capacity GB

Allowed Values: 128 GB, 256 GB, 512 GB

Field: Hard disk size

Allowed Values: 512 GB, 1 TB, 2 TB

Field: Capacity (iPad)

Allowed Values: 64 GB, 128 GB, 256 GB

Field: CPU model

Allowed Values: Intel Core i5, i7, i9, M1, M2

Field: Color

Allowed Values: Cloudy White, Brown, Silver, Space Gray