Daily Picture REST API Reference

**REST API root domain:**

api.dailypicture.xyz

**POST /pull\_image**

Demo for anonymous users

Receives JSON with word or phrase to be searched for:

{

“**query**”: “*word or phrase, for example: “cat”* ” ***required***

}

Responds with JSON with urls for image and thumbnail:

{

“url”: “https://images.dailypicture.xyz/<phash\_value>.jpeg”

“thumbnail”: “https://images.dailypicture.xyz/<phash\_value>.thumbnail.png”

}

HTTP\_429\_TOO\_MANY\_REQUESTS

Throttling limit of 20 requests reached

Except for the demo API call, generally all GET requests will return the specified json fields. Required fields must be in POST requests and read only fields must not be in PUT requests. Fields labeled with default will have the default value if not specified.

**picture JSON fields**

{

“id”: *read only*

*“*hashvalue”: *required/read only*

“format”: *default* JPEG

*“url”: “https://images.dailypicture.xyz/<phash\_value>.jpeg” read only*

*“thumbnail”: “https://images.dailypicture.xyz/<phash\_value>.thumbnail.png” read only*

“reported”: *default* false

“approval\_status”: *default 0 (0- unapproved, 1- approved, 2-banned)*

“query”:

“download\_url”: *read only*

“download\_time”: *read only*

}

The download\_url and download\_time fields only refer to the original download of the image from the internet.

**/pictures/<id>**

**GET**

Requires Authentication

**PUT**

All fields are only editable by admin only except for “reported” field **POST**

Admin only

HTTP\_201\_CREATED **DELETE**

Admin only

**/pictures**

Admin only

**GET**

Receive list of all pictures in JSON format **PUT**

Add picture with data sent in JSON

**gallery JSON fields**

{

“id”: *required/read only*

“owner\_id: *read only*

“pictures”: (list of pictures by id)

}

**/gallerys/<id>**

Admin or Owner only

**GET**

**PUT  
  
POST  
  
DELETE**

**/gallerys**

Admin only

**GET**

Receive a list of gallerys in JSON format **PUT**

Add a gallery with data sent in JSON

**schedule JSON fields**

{

“id”: *read only*

“task”: *required*

“args”: *required*

“expires”:

“enabled”: *default* true

“last\_run\_at”: *read only*

“total\_run\_count”: *read only*

“description”:

“start\_time”: *read only*

“minute”: *required*

“hour”: *required*

“timezone”:

}

**Available Tasks**

Usage: set the “task” field and the “args” field to the appropriate values

**task(args)**

pull\_image(String query)

pull\_images(String query, int number)

add\_to\_gallery(String query, int gallery\_id)

**/schedules/<id>**

Admin or Owner only

**GET**

**PUT  
  
POST  
  
DELETE**

**/schedules**

Admin only

**GET**

Receive a list of schedules in JSON format **PUT**

Add a schedule with data sent in JSON

**user JSON fields**

{

“id”: *read only*

“last\_login”: *read only*

“username”: *required*

“first\_name”: *required*

“last\_name”: *required*

“email”:

“is\_staff”: *read only*

“is\_active”:

“date\_joined”: *read only*  
}

**/users/<id>**

Admin or User with matching id only

**GET**

**PUT  
  
POST  
  
DELETE**

**/users**

Admin only

**GET**

Receive a list of users in JSON format **PUT**

Add a user with data sent in JSON