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Overview

Introduction

The Pexels API enables programmatic access to the full Pexels content library, including photos, videos. All content is available free of charge, and you are welcome to use Pexels content for anything you'd like, as long as it is within our **Title**.

The Pexels API is a RESTful JSON API, and you can interact with it from any language or framework with a HTTP library. Alternately, Pexels maintains some official **Title** you can use.

If you have any questions, feel free to check out our FAQ or email us at api@pexels.com.

Note: For historical reasons, all endpoints begin with https://api.pexels.com/v1/ except for video endpoints, which begin with https://api.pexels.com/videos/. Please see the individual endpoints listed below for more details about how to call

each endpoint.

Featured Collections

Guidelines

Whenever you are doing an API request make sure to show a **prominent link to Pexels**. You can use a text link (e.g. "Photos provided by Pexels") or a link with our logo.

Always credit our photographers when possible (e.g. "Photo by John Doe on Pexels" with a link to the photo page on Pexels).

You may not copy or replicate core functionality of Pexels (including making Pexels content available as a wallpaper app).

Do not abuse the API. By default, the API is rate-limited to 200 requests per hour and 20,000 requests per month. You may contact us to request a higher limit, but please include examples, or be prepared to give a demo, that clearly shows your use of the API with attribution. If you meet our API terms, you can get unlimited requests for free.

Abuse of the Pexels API, including but not limited to attempting to work around the rate limit, will lead to termination of your API access.

LINKING BACK TO PEXELS

Сору

LINKING BACK TO A PHOTO

Copy

1 This <a href="https://www.pexels.com/photo/food-dinner"</pre>

Client Libraries

Pexels maintains a number of official API client libraries that you can use to interact with the Pexels API:

Language	Package	Github	Changelog	Version
Ruby	rubygems	pexels-ruby	changelog	0.3.0
Javascript	npm	pexels-javascript	changelog	1.2.1
.net	nuget	PexelsDotNetSDK	changelog	1.0.6

Please read the documentation for the client library you'd like to use for more information about syntax (code samples for each library are available on this documentation). Issues and Pull Requests on Github are also welcome!

If you have created an unofficial Pexels API library for a different language please feel free to let us know about it!

Authorization

Authorization is required for the Pexels API. Anyone with a Pexels account can request an API key, which you will receive instantly.

All requests you make to the API will need to include your key. This is provided by adding an **Authorization** header.

```
EXAMPLE OF AUTHORIZATION Bash Copy
```

```
1 curl -H "Authorization: YOUR_API_KEY" \
2    "https://api.pexels.com/v1/search?query=people"
```

Request Statistics

To see how many requests you have left in your monthly quota, successful requests from the Pexels API include three HTTP headers:

Response Header	Meaning
X-Ratelimit-Limit	Your total request limit for the monthly period
X-Ratelimit-Remaining	How many of these requests remain
X-Ratelimit-Reset	UNIX timestamp of when the currently monthly period will roll over

Note: These response headders are only returned on successful (2xx) responses. They are not included with other responses, including

429 Too Many Requests, which indicates you have exceeded your rate limit. Please be sure to keep track of X-Ratelimit-Remaining and X-Ratelimit-Reset in order to manage your request limit.

EXAMPLE OF RATE LIMIT HEADERS

Copy

1 X-Ratelimit-Limit: 20000

2 X-Ratelimit-Remaining: 19684
3 X-Ratelimit-Reset: 1590529646

Pagination

Most Pexels API requests return multiple records at once. All of these endpoints are paginated, and can return a maximum of **80** requests at one time. Each paginated request accepts the same parameters and returns the same pagination data in the response.

Note: The prev_page and next_page response attributes will only be returned if there is a corresponding page.

PAGINATION REQUEST PARAMETERS

Copy

```
GET https://api.pexels.com/v1/curated?page=2&per_page=40
```

PAGINATION RESPONSE ATTRIBUTES

```
{
   "page": 2,
   "per_page": 40,
   "total_results": 8000,
   "next_page": "https://api.pexels.com/v1/curated?page=3&
   "prev_page": "https://api.pexels.com/v1/curated?page=1&
}
```

The Photo Resource

The **Photo** resource is a JSON formatted version of a Pexels photo. The Photo API endpoints respond with the photo data formatted in this shape.

Response

id integer

The id of the photo.

width integer

The real width of the photo in pixels.

height integer

The real height of the photo in pixels.

url string

The Pexels URL where the photo is located.

photographer string

The name of the photographer who took the photo.

photographer_url string

The URL of the photographer's Pexels profile.

THE PHOTO RESOURCE Copy

```
1
2
      "id": 2014422,
      "width": 3024,
3
      "height": 3024,
      "url": "https://www.pexels.com/photo/brown-rocks-du
      "photographer": "Joey Farina",
      "photographer_url": "https://www.pexels.com/@joey",
      "photographer_id": 680589,
      "avg_color": "#978E82",
9
10
      "src": {
       "original": "https://images.pexels.com/photos/201
11
12
        "large2x": "https://images.pexels.com/photos/2014
        "large": "https://images.pexels.com/photos/201442
13
14
        "medium": "https://images.pexels.com/photos/20144
        "small": "https://images.pexels.com/photos/201442
15
16
        "portrait": "https://images.pexels.com/photos/201
        "landscape": "https://images.pexels.com/photos/20
17
18
        "tiny": "https://images.pexels.com/photos/2014422
19
      },
20
      "liked": false,
      "alt": "Brown Rocks During Golden Hour"
21
22 }
```

photographer_id integer

The id of the photographer.

avg_color string

The average color of the photo. Useful for a placeholder while the image loads.

src object

An assortment of different image sizes that can be used to display this **Photo**.

SHOW CHILDREN

alt string

Text description of the photo for use in the alt attribute.

Search for Photos

GET https://api.pexels.com/v1/search

This endpoint enables you to search Pexels for any topic that you would like. For example your query could be something broad like **Nature**, **Tigers**, **People**. Or it could be something specific like **Group of people working**.

Parameters

EXAMPLE REQUEST

Bash

Copy

```
1 curl -H "Authorization: YOUR_API_KEY" \
2    "https://api.pexels.com/v1/search?query=nature&per_p
```

EXAMPLE RESPONSE

query string | required

The search query. **Ocean**, **Tigers**, **Pears**, etc.

orientation string | optional

Desired photo orientation. The current supported orientations are: landscape, portrait or square.

size string | optional

Minimum photo size. The current supported sizes are: large (24MP), medium (12MP) or small (4MP).

color string | optional

Desired photo color. Supported colors: red, orange, yellow, green, turquoise, blue, violet, pink, brown, black, gray, white or any hexidecimal color code (eg. #ffffff).

locale string | optional

The locale of the search you are performing. The current supported locales are: <%= |18n.available_locales.map { | locale| %(') + locale.to_s + %(') }.join(') %>.

page integer | optional

The page number you are requesting. **Default: 1**

per_page integer | optional

The number of results you are requesting per page.

Default: 15 Max: 80

```
1
   {
2
      "total_results": 10000,
3
      "page": 1,
4
      "per_page": 1,
      "photos": [
5
6
7
          "id": 3573351,
8
          "width": 3066,
9
          "height": 3968,
10
          "url": "https://www.pexels.com/photo/trees-duri
11
          "photographer": "Lukas Rodriguez",
12
          "photographer_url": "https://www.pexels.com/@lu
13
          "photographer_id": 1845331,
14
          "avg_color": "#374824",
15
          "src": {
16
            "original": "https://images.pexels.com/photos
17
            "large2x": "https://images.pexels.com/photos/
18
            "large": "https://images.pexels.com/photos/35
19
            "medium": "https://images.pexels.com/photos/3
20
            "small": "https://images.pexels.com/photos/35
21
            "portrait": "https://images.pexels.com/photos
22
            "landscape": "https://images.pexels.com/photo
23
            "tiny": "https://images.pexels.com/photos/357
24
          },
25
          "liked": false,
26
          "alt": "Brown Rocks During Golden Hour"
27
28
29
      "next page": "https://api.pexels.com/v1/search/?pag
30 }
```

Response

```
photos array of PhotoAn array of Photo objects.
```

page integer

The current page number.

Curated Photos

GET https://api.pexels.com/v1/curated

The number of results returned with each page.
This endpoint enables you to receive real-time photos curated by the Pexels team.

total results integer
We add at least one new photo per hour to our curated list so that you
The total number of results for the request
always get a changing selection of trending photos.

Parameters

prev_page string | optional

page integer | optional

The page number you are requesting. **Default: 1**

URL for the next page of results, if applicable.

per_page integer | optional

The number of results you are requesting per page.

Default: 15 Max: 80

Response

```
EXAMPLE REQUEST Bash Copy
```

```
1 curl -H "Authorization: YOUR_API_KEY" \
2    "https://api.pexels.com/v1/curated?per_page=1"
```

```
1
      "page": 1,
      "per_page": 1,
      "photos": [
          "id": 2880507,
          "width": 4000,
          "height": 6000,
9
          "url": "https://www.pexels.com/photo/woman-in-w
10
          "photographer": "Deden Dicky Ramdhani",
11
          "photographer_url": "https://www.pexels.com/@dr
12
          "photographer_id": 1378810,
13
          "avg_color": "#7E7F7B",
          "src": {
14
15
            "original": "https://images.pexels.com/photos
            "large2x": "https://images.pexels.com/photos/
16
```

```
photos array of Photo
```

An array of **Photo** objects.

page integer

The current page number.

per_page integer

The number of results returned with each page.

total_results integer

The total number of results for the request.

prev_page string | optional

URL for the previous page of results, if applicable.

Get a Photo

GET https://api.pexels.com/v1/photos/:id
URL for the next page of results, if applicable.

Retrieve a specific **Photo** from its id.

Parameters

id integer | required

The id of the photo you are requesting.

Response

Returns a **Photo** object

```
17
            "large": "https://images.pexels.com/photos/28
18
            "medium": "https://images.pexels.com/photos/2
19
            "small": "https://images.pexels.com/photos/28
20
            "portrait": "https://images.pexels.com/photos
21
            "landscape": "https://images.pexels.com/photo
22
            "tiny": "https://images.pexels.com/photos/288
23
          },
          "liked": false,
24
25
          "alt": "Brown Rocks During Golden Hour"
26
27
      ],
28
      "next_page": "https://api.pexels.com/v1/curated/?pa
29 }
```

EXAMPLE REQUEST Bash Copy

```
1 curl -H "Authorization: YOUR_API_KEY" \
2    "https://api.pexels.com/v1/photos/2014422"
```

```
1 {
2    "id": 2014422,
3    "width": 3024,
4    "height": 3024,
5    "url": "https://www.pexels.com/photo/brown-rocks-du
```

The Video Resource

The **Video** resource is a JSON formatted version of a Pexels video. The Video API endpoints respond with the video data formatted in this shape.

Response

id integer

The id of the video.

width integer

The real width of the video in pixels.

height integer

The real height of the video in pixels.

url string

The Pexels URL where the video is located.

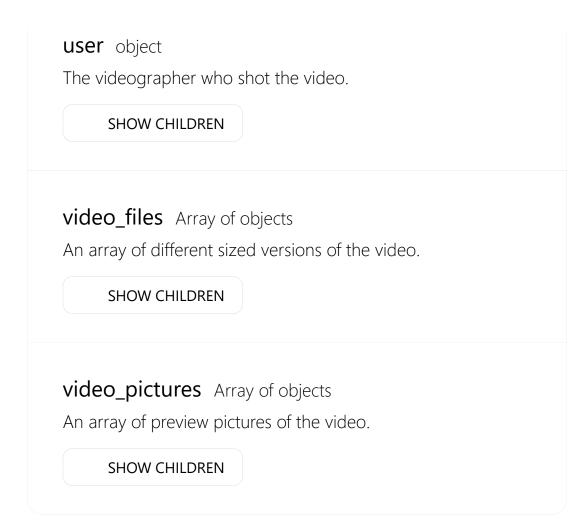
image string

URL to a screenshot of the video.

duration integer

The duration of the video in seconds.

```
"photographer": "Joey Farina",
       "nhotogranher url": "httms://www nevels com/@inev",
THE VIDEO RESOURCE
                                                 Copy
1
2
      "id": 2499611,
3
      "width": 1080,
      "height": 1920,
      "url": "https://www.pexels.com/video/2499611/",
      "image": "https://images.pexels.com/videos/2499611/
7
      "full_res": null,
      "tags": [],
      "duration": 22,
10
      "user": {
11
        "id": 680589,
12
        "name": "Joey Farina",
13
        "url": "https://www.pexels.com/@joey"
14
      },
15
      "video_files": [
16
17
           "id": 125004,
18
           "quality": "hd",
19
           "file_type": "video/mp4",
20
           "width": 1080,
21
           "height": 1920,
22
           "fps": 23.976,
23
           "link": "https://player.vimeo.com/external/3425
24
        },
25
26
           "id": 125005,
27
           "quality": "sd",
28
           "file_type": "video/mp4",
29
           "width": 540,
30
           "height": 960,
31
           "fps": 23.976,
32
           "link": "https://player.vimeo.com/external/3425
33
        },
34
35
           "id": 125006,
36
           "quality": "sd",
37
           "file_type": "video/mp4",
38
           "width": 240,
```



Search for Videos

GET https://api.pexels.com/videos/search

This endpoint enables you to search Pexels for any topic that you would like. For example your query could be something broad like **Nature**, **Tigers**, **People**. Or it could be something specific like **Group of people working**.

Parameters

```
query string | required
The search query. Ocean , Tigers , Pears , etc.
```

```
EXAMPLE REQUEST Bash Copy
```

```
1 curl -H "Authorization: YOUR_API_KEY" \
2     "https://api.pexels.com/videos/search?query=nature&p
```

```
1 {
2 "page": 1,
3 " " 1
```

orientation string | optional

Desired video orientation. The current supported orientations are: landscape, portrait or square.

size string | optional

Minimum video size. The current supported sizes are: large (4K), medium (Full HD) or small (HD).

locale string | optional

The locale of the search you are performing. The current supported locales are: <%= | 118n.available_locales.map { | locale| %(') + locale.to_s + %(') }.join(') %>.

page integer | optional

The page number you are requesting. **Default: 1**

per_page integer | optional

The number of results you are requesting per page.

Default: 15 Max: 80

Response

videos array of Video

An array of **Video** objects.

url string

```
"per_page": 1,
4
       "total_results": 20475,
5
       "url": "https://www.pexels.com/videos/",
6
       "videos": [
         {
8
           "id": 1448735,
9
           "width": 4096,
10
           "height": 2160,
11
           "url": "https://www.pexels.com/video/video-of-
12
           "image": "https://images.pexels.com/videos/144
13
           "duration": 32,
14
           "user": {
15
             "id": 574687,
16
             "name": "Ruvim Miksanskiy",
17
             "url": "https://www.pexels.com/@digitech"
18
           },
19
           "video_files": [
20
21
               "id": 58649,
22
               "quality": "sd",
23
               "file_type": "video/mp4",
24
               "width": 640,
25
               "height": 338,
26
               "link": "https://player.vimeo.com/external
27
             },
28
29
               "id": 58650,
30
               "quality": "hd",
31
               "file_type": "video/mp4",
32
               "width": 2048,
33
               "height": 1080,
34
               "link": "https://player.vimeo.com/external
35
             },
36
37
               "id": 58651,
38
               "quality": "hd",
```

The Pexels URL for the current search query.

page integer

The current page number.

Popular Videos
The number of results returned with each page.

GET https://api.pexels.com/videos/popular

This total number of results for the request.

Parameters

min_width integer | optional

The minimum width in pixels of the returned videos.

next_page string | optional

ORING HEXTIPTEDE TO PRETINE ALL APPLICABLE.

The minimum height in pixels of the returned videos.

min_duration integer | optional

The minimum duration in seconds of the returned videos.

max_duration integer | optional

The maximum duration in seconds of the returned videos.

page integer | optional

The page number you are requesting. **Default: 1**

EXAMPLE REQUEST

Bash

Сору

```
1 curl -H "Authorization: YOUR_API_KEY" \
2    "https://api.pexels.com/videos/popular?per_page=1"
```

EXAMPLE RESPONSE

```
1
2
       "page": 1,
3
       "per_page": 1,
       "total_results": 4089,
       "url": "https://www.pexels.com/search/videos/Natur
       "videos": [
8
           "id": 1093662,
9
           "width": 1920,
10
           "height": 1080,
11
           "url": "https://www.pexels.com/video/water-cra
12
           "image": "https://images.pexels.com/videos/109
13
           "duration": 8,
14
           "user": {
15
             "id": 417939,
16
             "name": "Peter Fowler",
17
             "url": "https://www.pexels.com/@peter-fowler
18
           },
19
           "video_files": [
20
```

per_page integer | optional

The number of results you are requesting per page.

Default: 15 Max: 80

Response

videos array of Video

An array of **Video** objects.

url string

The Pexels URL for the current page.

page integer

The current page number.

per_page integer

The number of results returned with each page.

total_results integer

The total number of results for the request.

prev_page string | optional

URL for the previous page of results, if applicable.

next_page string | optional

```
21
               "id": 37101,
22
               "quality": "hd",
23
               "file_type": "video/mp4",
24
               "width": 1280,
25
               "height": 720,
26
               "link": "https://player.vimeo.com/external
27
28
29
               "id": 37102,
30
               "quality": "sd",
31
               "file_type": "video/mp4",
32
               "width": 640,
33
               "height": 360,
34
               "link": "https://player.vimeo.com/external
35
             },
36
37
               "id": 37103,
38
               "quality": "hd",
```

Get a video page of results, if applicable.

GET https://api.pexels.com/videos/videos/:id

Retrieve a specific **Video** from its id.

Parameters

id integer | required

The id of the video you are requesting.

Overview

Response are a way to group specific photos and videos into one unified gallery. This can be useful if, for example, you want to expose a specific subset of Pexels content to your users. You can access all your collections and the media within them via the Pexels API.

Note: Collections cannot be created or modified using the Pexels API. Rather, you can manage your collections on the Pexels website, iOS or Android app. API only gives you access to **featured collections** and **your own collections**.

EXAMPLE REQUEST Bash Copy

```
1 curl -H "Authorization: YOUR_API_KEY" \
2    "https://api.pexels.com/videos/videos/2499611"
```

EXAMPLE RESPONSE

```
"id": 2499611,
3
       "width": 1080,
4
       "height": 1920,
5
       "url": "https://www.pexels.com/video/2499611/",
       "image": "https://images.pexels.com/videos/2499611
       "duration": 22,
       "user": {
9
         "id": 680589,
10
         "name": "Joey Farina",
11
         "url": "https://www.pexels.com/@joey"
12
       },
13
       "video_files": [
14
15
           "id": 125004,
16
           "quality": "hd",
17
           "file_type": "video/mp4",
18
           "width": 1080,
19
           "height": 1920,
20
           "link": "https://player.vimeo.com/external/342
21
         },
22
23
           "id": 125005,
24
           "quality": "sd",
25
           "file_type": "video/mp4",
26
           "width": 540,
27
           "height": 960,
28
           "link": "https://player.vimeo.com/external/342
29
```

The Collection Resource

The **Collection** resource is a JSON formatted version of a Pexels collection. The Collection list endpoint responds with the collection data formatted in this shape.

Response

id string

The id of the collection.

title string

The name of the collection.

description string

The description of the collection.

private boolean

Whether or not the collection is marked as private.

media_count integer

The total number of media included in this collection.

photos_count integer

The total number of photos included in this collection.

THE COLLECTION RESOURCE

```
1 {
2    "id": "8xntbhr",
3    "title": "Hello Spring",
4    "description": "Baby chicks, rabbits & pretty flower
5    "private": false,
6    "media_count": 130,
7    "photos_count": 121,
8    "videos_count": 9
9 }
```

```
videos_count integer
```

The total number of videos included in this collection.

Featured Collections

```
GET https://api.pexels.com/v1/collections/
featured
```

This endpoint returns all featured collections on Pexels.

Parameters

```
page integer | optional
The page number you are requesting. Default: 1

per_page integer | optional
The number of results you are requesting per page.

Default: 15 Max: 80
```

Response

```
collections array of Collection

An array of Collection objects.

page integer

The current page number.
```

```
EXAMPLE REQUEST Bash Copy

1 curl -H "Authorization: YOUR_API_KEY" \
2  "https://api.pexels.com/v1/collections/featured?per_
```

```
1
2
      "collections": [
3
          "id": "9mp14cx",
          "title": "Cool Cats",
          "description": null,
          "private": false,
          "media_count": 6,
          "photos_count": 5,
10
          "videos_count": 1
11
12
      ],
13
14
      "page": 2,
      "per_page": 1,
15
      "total_results": 5,
16
      "next_page": "https://api.pexels.com/v1/collections
17
18
      "prev_page": "https://api.pexels.com/v1/collections
19 }
```

per_page integer

The number of results returned with each page.

total_results integer

The total number of results for the request.

prev_page string | optional

URL for the previous page of results, if applicable.

next_page string | optional

URL for the next page of results, if applicable.

My Collections

GET https://api.pexels.com/v1/collections

This endpoint returns all of your collections.

Parameters

page integer | optional

The page number you are requesting. **Default: 1**

per_page integer | optional

The number of results you are requesting per page.

Default: 15 Max: 80

Response

```
EXAMPLE REQUEST Bash Copy
```

```
1 curl -H "Authorization: YOUR_API_KEY" \
2    "https://api.pexels.com/v1/collections?per_page=1"
```

```
collections array of Collection
```

An array of **Collection** objects.

page integer

The current page number.

per_page integer

The number of results returned with each page.

total_results integer

Correction moderates it afor the request.

GET https://api.pexels.com/v1/collections/:id

prev_page string | optional

This endpoint returns all the media (photos and videos) within a single URL for the previous page of results, if applicable. collection. You can filter to only receive photos or videos using the

type parameter.

Parameters | optional

URL for the next page of results, if applicable.

type string | optional

The type of media you are requesting. If not given or if given with an invalid value, all media will be returned. Supported values are **photos** and **videos**.

sort string | optional

The order of items in the media collection. Supported values are: asc, desc. Default: asc

```
pnotos_count : 5,
10
          "videos_count": 1
11
      ],
12
13
14
      "page": 2,
15
      "per_page": 1,
      "total_results": 5,
16
17
      "next page": "https://api.pexels.com/v1/collections
      "prev_page": "https://api.pexels.com/v1/collections
18
19 }
```

EXAMPLE REQUEST Bash Copy

```
1 curl -H "Authorization: YOUR_API_KEY" \
2    "https://api.pexels.com/v1/collections/9mp14cx?per_p
```

```
1
2
       "id": "9mp14cx",
3
       "media": [
4
5
           "type": "Photo",
6
           "id": 2061057,
7
           "width": 4850,
8
           "height": 3224,
9
           "url": "https://www.pexels.com/photo/gray-and-
10
           "nhotogranher" · "Tranmautritam"
```

page integer | optional

The page number you are requesting. **Default: 1**

per_page integer | optional

The number of results you are requesting per page.

Default: 15 Max: 80

Response

id string

The id of the collection you are requesting.

media array of Photo or Video objects.

An array of media objects. Each object has an extra **type** attribute to indicate the type of object.

page integer

The current page number.

per_page integer

The number of results returned with each page.

total_results integer

The total number of results for the request.

Changelog

```
photographici . Iraimaaci itam ,
11
           "photographer_url": "https://www.pexels.com/@t
12
           "photographer_id": 8509,
13
           "avg_color": "#BBBEC3",
14
           "src": {
15
             "original": "https://images.pexels.com/photo
16
             "large2x": "https://images.pexels.com/photos
17
             "large": "https://images.pexels.com/photos/2
18
             "medium": "https://images.pexels.com/photos/
19
             "small": "https://images.pexels.com/photos/2
20
             "portrait": "https://images.pexels.com/photo
21
             "landscape": "https://images.pexels.com/phot
22
             "tiny": "https://images.pexels.com/photos/20
23
           },
24
           "liked": false
25
         },
26
27
           "type": "Video",
28
           "id": 854982,
29
           "width": 1280,
30
           "height": 720,
31
           "duration": 11,
32
           "full_res": null,
33
           "tags": [],
34
           "url": "https://www.pexels.com/video/video-of-
35
           "image": "https://images.pexels.com/videos/854
36
           "avg_color": null,
37
           "user": {
38
             "id": 2659,
```

This is religious planting people that Pexels API.

URL for the previous page of results, if applicable.

2023-11-22

Added sort query parameter to the /collections/:id next page string | optional endpoint.
 URL for the next page of results, if applicable.

2022-09-15

• Added video_file.fps attribute for the Video resource.

2021-12-14

- Added alt attribute to the Photo resource.
- Added previously-exposed **liked** attribute to the **Photo** responses.

2021-09-13

- Updated **image** attribute for the **Video** resource to use the correct orientation.
- Updated video_picture.picture attribute for the Video resource to use the correct orientation.

2021-08-12

- Added Featured Collections endpoint.
- Updated /collections/:id . Returns a collection if the collection is featured or belongs to the authenticated user.

2021-04-19

• Added Collections resource and endpoints.

2020-12-11

• Added avg color attribute to the Photo resource.

2020-11-12

- Added **orientation**, **size** and **color** filters to Photo Search.
- Added orientation and size filters to Video Search.

2020-05-28

• Initial version of this documentation.