Contents

USERS

POST /api/v1/login

Description:

User authorization.

Parameters:

- **In body:**
  - **email – type string (required)**
  - **password – type string (required)**

Responses:

- **200 OK**
  - **JWT in Cookie**

- **401 Wrong credentials**

POST /api/v1/account/logout

Description:

Logout user, adding token to blacklist.

Responses:

- **200 OK**

POST /api/v1/users

Description:

Create user. Create new catalog in main server catalog with name like user's email – place where user's photos will be stored.

Parameters:

- **In body:**
  - **email – type string (required)**
  - **password – type string (required)**
  - **firstName – type string (required)**
  - **lastName – type string (required)**

Responses:

- **200 OK**
- **400 Bad request**

GET /api/v1/users

Description:

Load list of app users data.

Responses:

- **200 OK**
  - **userID – type long**
  - **email – type string**
  - **firstName – type string**
  - **lastName – type string**
  - **password – type string**
  - **role – type string**

- **401 Unauthorized**

--

GET /api/v1/users/{email}

Description:

Load user data, or id if it is not current user.

Parameters:

- **In path:**
  - **email – type string (required)**

Responses:

- **200 OK**
  - **userID – type long**
  - **email – type string**
  - **firstName – type string**
  - **lastName – type string**
  - **password – type string**
  - **role – type string**

  OR

  - **userID – type long**
  - **email – type string**

- **400 BAD REQUEST**

PUT /api/v1/users

Description:

Edit user.

Parameters:

- **In body:**
  - ○ **password – type string (not required)**
  - ○ **firstName – type string (not required)**
  - ○ **lastName – type string (not required)**

Responses:

- **200 OK**
- **401 Unauthorized**

DELETE /api/v1/users

Description:

Remove user and all related data.

Responses:

- **200 OK**
- **400 Bad request**

PHOTOS

POST /api/v1/photos

Description:

Create photo info.

Parameters:

- **In body:**
  - **name – type string (required)**
  - **description – type string (not required – default NULL)**
  - **shareState – type string (not required – default “PRIVATE”)**
  - **photoState – type string (not required – default “ACTIVE”)**

Responses:

- **200 OK**
  - **id – type long**
- **400 Bad request**

PUT /api/v1/photos/{id}

Description:

Edit photo info.

Parameters:

- **In body:**
  - **description – type string (not required)**
  - **shareState – type string (not required)**
  - **photoState – type string (not required)**

Responses:

- **200 OK**
- **400 Bad request**

DELETE   /api/v1/photos/{id}

Description:

Remove photo and all related data, include image.

Parameters:

- **In path:**
  - ○ **id – type long   (required)**

Responses:

- **200 OK**
- **400 Bad request**
-

GET   /api/v1/photos/count/{state}

Description:

Returns number of photos by its state.

Parameters:

- **In path:**
  - ○ **state – PUBLIC | PRIVATE   (required)**

Responses:

- **200 OK**
  - ○ **count – type long**
- **204 No content**

PHOTOS PUBLIC

GET /api/v1/photos/public/hot/{beg}/{end}

Description:

Load list of public photos sorted by sorted by rates count descending.

GET /api/v1/photos/public/trending/{beg}/{end}

Description:

Load list of public photos from last 3 days sorted by rates count descending.

GET /api/v1/photos/public/fresh/{beg}/{end}

Description:

Load list of public photos sorted by date descending.

Responses:

- **200 OK**
  - **photoID – type long**
  - **name – type string**
  - **user – type string**
  - **uploadTime – type timestamp**
  - **description – type string**
  - **rate – type int**
  - **tags –**
    - **tagID – type long**
    - **name – type string**
    - **photo_id - type long**
- **204 No content**

GET /api/v1/photos/public/tags/any/{tags}

Description:

Load list of public photos which has any of tags sorted by rate descending.

GET /api/v1/photos/public/tags/all/{tags}

Description:

Load list of public photos which has all of tags sorted by rate descending.

Parameters:

- **In path:**
  - **tags – type string (required) example “ …/all/1,2,3… ”**

Responses:

- **200 OK**
  - **photoID – type long**
  - **name – type string**
  - **user – type string**
  - **uploadTime – type timestamp**
  - **description – type string**
  - **rate – type int**
  - **tags –**
    - **tagID – type long**
    - **name – type string**
    - **photo_id - type long**
- **204 No content**

PHOTOS PRIVATE

GET /api/v1/photos

Description:

Load list of private photos info sorted by upload time descending.

Responses:

- **200 OK**
  - **photoID – type long**
  - **name – type string**
  - **user – type string**
  - **uploadTime – type timestamp**
  - **description – type string**
  - **rate – type int**
  - **tags –**
    - **tagID – type long**
    - **name – type string**
    - **photo_id - type long**

- **204 No content**

GET /api/v1/photos/id/{id}

Description:

Load private photo by id.

Parameters:

- **In path:**
  - **id – type long (required)**

Responses:

- **200 OK**
  - **photoID – type long**
  - **name – type string**
  - **user – type string**
  - **uploadTime – type timestamp**
  - **description – type string**
  - **rate – type int**
  - **tags –**
    - **tagID – type long**
    - **name – type string**
    - **photo_id - type long**
- **204 No content**

GET /api/v1/photos/name/{name}

Description:

Load list of private photos by name.

Parameters:

- **In path:**
  - **name – type string (required)**

Responses:

- **200 OK**
  - **photoID – type long**
  - **name – type string**
  - **user – type string**
  - **uploadTime – type timestamp**
  - **description – type string**
  - **rate – type int**
  - **tags –**
    - **tagID – type long**
    - **name – type string**
    - **photo_id - type long**
- **204 No content**

GET /api/v1/photos/shared

Description:

Load list of private photos which are shared to the current user sorted by upload time descending.

Responses:

- **200 OK**
  - **photoID – type long**
  - **name – type string**
  - **user – type string**
  - **uploadTime – type timestamp**
  - **description – type string**
  - **rate – type int**
  - **tags –**
    - **tagID – type long**
    - **name – type string**
    - **photo_id - type long**
- **204 No content**

GET /api/v1/photos /tags/any/{tags}

Description:

Load list of private photos which has any of tags sorted by rate descending.

GET /api/v1/photos /tags/all/{tags}

Description:

Load list of private photos which has all of tags sorted by rate descending.

Parameters:

- **In path:**
  - **tags – type string (required) example “ …/all|any/1,2,3… ”**

Responses:

- **200 OK**
  - **photoID – type long**
  - **name – type string**
  - **user – type string**
  - **uploadTime – type timestamp**
  - **description – type string**
  - **rate – type int**
  - **tags –**
    - **tagID – type long**
    - **name – type string**
    - **photo_id - type long**
- **204 No content**

GET /api/v1/photos /categories/any/{tags}

Description:

Load list of private photos which has any of categories sorted by rate descending.

GET /api/v1/photos / categories /all/{tags}

Description:

Load list of private photos which has all of categories sorted by rate descending.

Parameters:

- **In path:**
  - **categories – type string (required) example “ …/all|any/1,2,3… ”**

Responses:

- **200 OK**
  - **photoID – type long**
  - **name – type string**
  - **user – type string**
  - **uploadTime – type timestamp**
  - **description – type string**
  - **rate – type int**
  - **tags –**
    - **tagID – type long**
    - **name – type string**
    - **photo_id - type long**

- **204 No content**

GET /api/v1/photos /nocat

Description:

Load list of private photos with no category assignment.

GET /api/v1/photos /archived

Description:

Load list of private, archived photos.

Responses:

- **200 OK**
  - **photoID – type long**
  - **name – type string**
  - **user – type string**
  - **uploadTime – type timestamp**
  - **description – type string**
  - **rate – type int**
  - **tags –**
    - **tagID – type long**
    - **name – type string**
    - **photo_id - type long**

- **204 No content**

IMAGES

POST /api/v1/images/{photoId}

Description:

Create image. Only logged user can call this method. User must have his own catalog { catalog name = user's e-mail } in the main server catalog. Before uploading image, photo info must be sent to the server.

Parameters:

- **In path**
  - **photoId – type long (required)**
- **In body / in form-data:**
  - **Key : "file" , Value: multipartFile (required)**

Responses:

- **201 Created**
- **400 Bad request**

GET /api/v1/images/{photoid}

Description:

Load image by id.

Parameters:

- **In path:**
  - **photoid – type long (required)**

Responses:

- **200 OK**
  - **Header – contentType – image/jpeg**
  - **type file**
- **204 No content**

CATEGORIES

POST /api/v1/categories

Description:

Create new category.

Parameters:

- In body:
  - name – type string (required)
  - parentCategory - type long (not required – default NULL)

Responses:

- 200 OK
- 400 Bad request

GET /api/v1/categories/{parentid}

Description:

Load list of user's categories – children of parentid.

Parameters:

- In path:
  - parentid – type long (required)

Responses:

- 200 OK
  - categoryID – type long
  - name – type string
  - user – type long
  - parentCategory - type long
- 204 No content

GET /api/v1/categories

Description:

Load list of user’s root categories.

Responses:

- **200 OK**
  - **categoryID – type long**
  - **name – type string**
  - **user – type long**
  - **parentCategory - type long**

- **204 No content**

--

PUT /api/v1/categories/{id}

Description:

Edit category.

Parameters:

- **In path**
  - **Id – type long (required)**
- **In body:**
  - **name – type string (required)**
  - **parentCategory - type long (not required – default NULL)**

Responses:

- **200 OK**
- **400 Bad request**

--

DELETE /api/v1/categories/{id}

Description:

Remove category and its kids.

Parameters:

- **In path:**
  - **id – type long (required)**

Responses:

- **200 OK**
- **400 Bad request**

POST /api/v1/category

Description:

Assigns category to the photo.

Parameters:

- **In body:**
  - ○ **category – type long (id) (required)**
  - ○ **photo - type long (id) (required)**

Responses:

- **200 OK**
- **400 Bad request**

PUT /api/v1/category/{photoId}/{categoryId}

Description:

Assigns new category to the photo.

Parameters:

- **In path**
  - ○ **photoId – type long (required)**
  - ○ **categoryId – type long (required)**

Responses:

- **200 OK**
- **400 Bad request**

DELETE /api/v1/category/{photoid}

Description:

Remove category assignment.

Parameters:

- **In path:**
  - ○ **photoid – type long (required)**

Responses:

- **200 OK**
- **400 Bad request**

TAGS

POST /api/v1/tags

Description:

Create new tags.

Parameters:

- **In body:**
  - **List:**
    - **name – type string (required)**
    - **photo – type long (required)**

Responses:

- **200 OK**
- **400 Bad request**

POST /api/v1/tags/

Description:

Create new tag.

Parameters:

- **In body:**
    - **name – type string (required)**
    - **photo – type long (required)**

Responses:

- **200 OK**
- **400 Bad request**

GET /api/v1/tags

Description:

Load list of user's tags.

Responses:

- **200 OK**
  - **tagID – type long**
  - **photo – type long**
  - **user – type long**
  - **name – type string**

- **204 No content**

GET /api/v1/tags/{letters}

Description:

Load list of user's tags started with letters.

Parameters:

- **In path**
  - **letters – type string (required)**

Responses:

- **200 OK**
  - **tagID – type long**
  - **photo – type long**
  - **user – type long**
  - **name – type string**
- **204 No content**

GET /api/v1/tags/public

Description:

Load list of public tags.

Responses:

- **200 OK**
  - **tagID – type long**
  - **photo – type long**
  - **user – type long**
  - **name – type string**
- **204 No content**

GET /api/v1/tags/public/{letters}

Description:

Load list of public tags started with letters.

Parameters:

- **In path**
  - **letters – type string (required)**

Responses:

- **200 OK**
  - **tagID – type long**
  - **photo – type long**
  - **user – type long**
  - **name – type string**

- **204 No content**

PUT /api/v1/tag/{id}/{name}

Description:

Edit tag.

Parameters:

- **In path**
  - **id – type long (required)**
  - **name – type string (required)**

Responses:

- **200 OK**
- **400 Bad request**

DELETE /api/v1/tag/{id}

Description:

Remove tag.

Parameters:

- **In path:**
  - **id – type long (required)**

Responses:

- **200 OK**
- **400 Bad request**

SHARES

POST /api/v1/shares

Description:

Create new share. Before adding share application must send request for user id by /users/{email}.

Parameters:

- **In body:**
  - **user - type long (required)**
  - **photo - type long(required)**

Responses:

- **200 OK**
- **400 Bad request**

--

DELETE /api/v1/shares/{id}

Description:

Remove share.

Parameters:

- **In path:**
  - **id – type long (required)**

Responses:

- **200 OK**
- **400 Bad request**

RATES

POST /api/v1/rates/{photoId}

Description:

Create new rate.

Parameters:

- **In path:**
  - **photoId – type long (required)**

Responses:

- **201 Created**
- **400 Bad request**

DELETE /api/v1/rates/{photoid}

Description:

Remove rate.

Parameters:

- **In path:**
  - **photoId – type long (required)**

Responses:

- **200 OK**
- **400 Bad request**