Contents

USERS

<mark>POST   /api/v1/login</mark>

Description:

      User authorization.

Parameters:

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

Responses:

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

- **401 Wrong credentials**

<mark>POST   /api/v1/account/logout</mark>

Description:

      Logout user, adding token to blacklist.

Responses:

- **200 OK**

<mark>POST   /api/v1/users</mark>

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

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**

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

Description:

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

Responses:

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

- **204 No content**

Description:

> **Load private photo by id.**

Parameters:

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

Responses:

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

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**

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**

IMAGES

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**

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

<mark>POST   /api/v1/tags</mark>
Description:

      Create new tags.

Parameters:

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

Responses:

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

<mark>POST   /api/v1/tags/</mark>
Description:

      Create new tag.

Parameters:

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

Responses:

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

<mark>GET   /api/v1/tags</mark>
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**

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**

Description:

Edit tag.

Parameters:

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

Responses:

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

Description:

Remove tag.

Parameters:

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

Responses:

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

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**

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**