openapi: 3.0.0

info:

  title: Аренда ресурсов в облачном сервисе

description: |-

Это пример API для хранения заказов бронирования столиков в ресторане.

termsOfService: <https://gb.ru/>

contact:

email: lidagb@mail.r

license:

name: GBArcitecture HW9

url: <https://gb.ru/>

  version: 0.0.1

servers:

  - url: http://localhost:8080/api/v1/

    description: Dev servers

paths:

  /clouds:

    get:

      summary: Метод получения списка ресурсов на облако

      tags:

        - Clouds

      operationId: getAllClouds

      responses:

        "200":

          description: Успешный ответ на запрос

          content:

            aplication/json:

              schema:

                $ref: "#/components/schemas/Clouds"

"404":

description: Ресурс не найден

content:

aplication/json:

schema:

$ref: "#/components/schemas/Error"

        "default":

          description: Всё остальное

          content:

            aplication/json:

              schema:

                $ref: "#/components/schemas/Error"

    post:

      summary: Создание заказа на облако

      tags:

        - Clouds

      operationId: createCloud

      requestBody:

        content:

          aplication/json:

            schema:

              $ref: "#/components/schemas/Cloud"

      responses:

        "200":

          description: Успешный ответ

          content:

            aplication/json:

              schema:

                $ref: "#/components/schemas/Clouds"

        "405":

description: Неверный ввод

content:

            aplication/json:

              schema:

                $ref: "#/components/schemas/Error"

        "default":

          description: Всё остальное

          content:

            aplication/json:

              schema:

                $ref: "#/components/schemas/Error"

  /cloud/{cloudId}:

    delete:

      summary: Отмена заказа по ID

      tags:

        - Clouds

      operationId: canselCloudByID

      parameters:

        - name: cloudId

          in: path

          required: true

          description: Id заказа на облако

          schema:

            type: integer

          example: 123123

      responses:

        "200":

          description: Отмена прошла успешно

          content:

            aplication/json: {}

        "default":

          description: Всё остальное

          content:

            aplication/json:

              schema:

                $ref: "#/components/schemas/Error"

     put:

tags:

- UpdateClouds

summary: Обновить информацию о заказах

operationId: updateClouds

parameters:

- name: cloudId

in: path

description: Id заказа на облако

required: true

schema:

type: integer

requestBody:

description: Обновить существующий заказ

content:

application/json:

schema:

$ref: '#/components/schemas/Cloud'

application/xml:

schema:

$ref: '#/components/schemas/Cloud'

responses:

default:

description: successful operation

components:

  schemas:

    Cloud:

      type: object

      required:

        - id\_client

        - OS

        - RAM

        - CPU

        - SSD

      properties:

        cloudId:

          type: integer

          example: 123123

        clientId:

          type: integer

          example: 234234

        OS:

          type: string

          enum:

            - Linux

            - Windows

- MacOC

        RAM:

          type: integer

          example: 256

        CPU:

          type: integer

          example: 4

        SSD:

          type: integer

          example: 1024

    Clouds:

      type: array

      items:

        $ref: "#/components/schemas/Cloud"

    Error:

      type: object

      required:

        - code

        - message

      properties:

        code:

          type: integer

        message:

          type: string