Link to SwaggerHub: <https://app.swaggerhub.com/apis/docda940/RailwayImperium/1.0.0#/>

As backup the code:  
  
**openapi**: 3.1.0

**info**:

  title: Railway Imperium Game API

  version: 1.0.0

  description: API specification for the Railway Imperium game, facilitating interactions between players, assets, and game elements.

**servers**:

  - url: https://railway-imperium-game-api.com/{version}

    description: Production server

**paths**:

**/assets/{id}**:

**get**:

      summary: Get Asset by ID

*parameters*:

        - in: path

          name: id

          required: true

**schema**:

            type: integer

            format: int64

          description: The ID of the asset to retrieve

*responses*:

        '200':

          description: Successful response

          content:

            application/json:

              example:

                message: "Asset retrieved successfully"

                data:

                  id: 1

                  name: "Town1"

                  type: "Town"

                  population: 1000

                  level: 3

                  stockpile: 500

        '404':

          description: Asset not found

          content:

            application/json:

              example:

                message: "Asset not found"

**/assets**:

**get**:

      summary: Get all assets

*responses*:

        '200':

          description: Successful response

          content:

            application/json:

              example:

                message: "Assets retrieved successfully"

                data:

                  assets:

                    - id: 1

                      name: "Town1"

                      type: "Town"

                      population: 1000

                      level: 3

                      stockpileMax: 500

                      worldId: 2

                      position: "10,20"

                      idOwner\_FK: 3

                    - id: 2

                      name: "Business1"

                      type: "RuralBusiness"

                      population: 500

                      level: 2

                      stockpileMax: 300

                      worldId: 1

                      position: "15,25"

                      idOwner\_FK: 4

        '404':

          description: No assets found

          content:

            application/json:

              example:

                message: "No assets found"

**/asset/player/{id}**:

**get**:

      summary: Get assets for a specific player

*parameters*:

        - in: path

          name: id

          required: true

**schema**:

            type: integer

            format: int64

          description: The ID of the player to retrieve assets for

*responses*:

        '200':

          description: Successful response

          content:

            application/json:

              example:

                message: "Assets retrieved successfully"

                data:

                  assets:

                    - assetId: 1

                      name: "Town1"

                      type: "Town"

                      population: 1000

                      level: 3

                      stockpileMax: 500

                      worldId: 2

                      position: "POINT(10 20)"

                      cost: 1000

                    - assetId: 2

                      name: "Business1"

                      type: "RuralBusiness"

                      population: 500

                      level: 2

                      stockpileMax: 300

                      worldId: 1

                      position: "POINT(15 25)"

                      cost: 800

        '204':

          description: No Content

          content:

            application/json:

              example:

                message: "No Assets for the user"

        '404':

          description: User not found

          content:

            application/json:

              example:

                message: "User not found"

**/asset/buy**:

**post**:

      summary: Buy an asset

*requestBody*:

        required: true

        content:

          application/json:

**schema**:

              type: object

              properties:

**userId**:

                  type: integer

                  format: int64

                  description: The ID of the user buying the asset.

**assetId**:

                  type: integer

                  format: int64

                  description: The ID of the asset to be bought.

              required:

                - userId

                - assetId

*responses*:

        '200':

          description: Successful response

          content:

            application/json:

              example:

                message: "Asset owner updated successfully"

                data:

                  idAsset\_PK: 1

                  name: "Town1"

                  type: "Town"

                  population: 1000

                  level: 3

                  stockpileMax: 500

                  idWorld\_FK: 2

                  position: "POINT(10 20)"

                  idOwner\_FK: 3

                  cost: 1000

        '400':

          description: Invalid operation

          content:

            application/json:

              example:

                message: "Invalid operation. Check player funds or asset ownership."

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/asset/station**:

**post**:

      summary: Get station details for a specific asset

*requestBody*:

        required: true

        content:

          application/json:

**schema**:

              type: object

              properties:

**assetId**:

                  type: integer

                  format: int64

                  description: The ID of the asset to retrieve station details for.

              required:

                - assetId

*responses*:

        '200':

          description: Successful response

          content:

            application/json:

              example:

                message: "Station retrieved successfully"

                data:

                  idStation\_PK: 1

                  name: "Station1"

                  cost: 2000

                  operationCost: 500

                  idAsset\_FK: 1

        '404':

          description: Asset has no Station

          content:

            application/json:

              example:

                message: "Asset has no Station"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/asset/world/{id}**:

**get**:

      summary: Get assets for a specific world

*parameters*:

        - in: path

          name: id

          required: true

**schema**:

            type: integer

            format: int64

          description: The ID of the world to retrieve assets for

*responses*:

        '200':

          description: Successful response

          content:

            application/json:

              example:

                message: "Success"

                data:

                  - idAsset\_PK: 1

                    name: "Town1"

                    type: "Town"

                    population: 1000

                    level: 3

                    stockpileMax: 500

                    position:

                      x: 10.0

                      y: 20.0

                    idOwner\_FK: 3

                    cost: 1000

                    goods: null

                  - idAsset\_PK: 2

                    name: "Business1"

                    type: "RuralBusiness"

                    population: 500

                    level: 2

                    stockpileMax: 300

                    position:

                      x: 15.0

                      y: 25.0

                    idOwner\_FK: 4

                    cost: 800

                    goods:

                      - idGood\_PK: 1

                        name: "Wheat"

                      - idGood\_PK: 2

                        name: "Cotton"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Error in the stored procedure"

**/good/{id}**:

**get**:

      summary: Get information about a specific good

*parameters*:

        - in: path

          name: id

          required: true

**schema**:

            type: integer

            format: int64

          description: The ID of the good to retrieve information for

*responses*:

        '200':

          description: Successful response

          content:

            application/json:

              example:

                message: "Good retrieved successfully"

                data:

                  id: 1

                  name: "Wheat"

        '404':

          description: Good not found

          content:

            application/json:

              example:

                message: "Good not found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/goods**:

**get**:

      summary: Get information about all goods

*responses*:

        '200':

          description: Successful response

          content:

            application/json:

              example:

                message: "Goods retrieved successfully"

                data:

                  - id: 1

                    name: "Wheat"

                  - id: 2

                    name: "Cotton"

        '404':

          description: No goods found

          content:

            application/json:

              example:

                message: "No goods found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/industries**:

**get**:

      summary: Get information about all industries

*responses*:

        '200':

          description: Successful response

          content:

            application/json:

              example:

                message: "Industries retrieved successfully"

                data:

                  - id: 1

                    name: "Farm"

                    warehouseCapacity: 1000

                    assetId: 2

                  - id: 2

                    name: "Textile Mill"

                    warehouseCapacity: 500

                    assetId: 3

        '404':

          description: No industries found

          content:

            application/json:

              example:

                message: "No industries found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/industry/{id}**:

**get**:

      summary: Get information about a specific industry

*parameters*:

        - in: path

          name: id

          required: true

**schema**:

            type: integer

            format: int64

          description: The ID of the industry to retrieve information for

*responses*:

        '200':

          description: Successful response

          content:

            application/json:

              example:

                message: "Industry retrieved successfully"

                data:

                  id: 1

                  name: "Farm"

                  warehouseCapacity: 1000

                  assetId: 2

        '404':

          description: Industry not found

          content:

            application/json:

              example:

                message: "Industry not found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/industry/create**:

**post**:

      summary: Create a new industry

*requestBody*:

        required: true

        content:

          application/json:

**schema**:

              type: object

              properties:

**name**:

                  type: string

**idAsset**:

                  type: integer

                  format: int64

**type**:

                  type: string

                  enum: ['BREWERY', 'BUTCHER', 'BAKERY', 'SAWMILL', 'CHEESEMAKER', 'CARPENTER', 'TAILOR', 'SMELTER', 'SMITHY', 'JEWELER']

              required:

                - name

                - idAsset

                - type

*responses*:

        '201':

          description: Industry created successfully

          content:

            application/json:

              example:

                message: "Industry created successfully"

                industry:

                  id: 1

                  name: "Farm"

                  type: "BREWERY"

                  idAsset: 2

        '400':

          description: Failed to create industry

          content:

            application/json:

              example:

                message: "Failed to create industry"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/register**:

**post**:

      summary: Register a new user

*requestBody*:

        required: true

        content:

          application/json:

**schema**:

              type: object

              properties:

**username**:

                  type: string

**password**:

                  type: string

**salt**:

                  type: string

              required:

                - username

                - password

                - salt

*responses*:

        '201':

          description: User registered successfully

          content:

            application/json:

              example:

                message: "User registered successfully"

                new\_world\_created: 1

                new\_world\_id: 5

                result:

                  id: 23

                  username: "john\_doe"

                  password: "hashed\_password"

                  salt: "random\_salt"

                  world\_id: 5

        '400':

          description: Username already exists or other error

          content:

            application/json:

              example:

                message: "Username already exists"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                  message: "Internal Server Error"

**/login**:

**post**:

      summary: Log in a user

*requestBody*:

        required: true

        content:

          application/json:

**schema**:

              type: object

              properties:

**username**:

                  type: string

**password**:

                  type: string

              required:

                - username

                - password

*responses*:

        '200':

          description: Login successful

          content:

            application/json:

              example:

                message: "Login successful"

                user:

                  id: 23

                  username: "john\_doe"

                  idWorld: 5

                token: "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9..."

        '401':

          description: Incorrect password

          content:

            application/json:

              example:

                message: "Incorrect password"

        '404':

          description: Username not found

          content:

            application/json:

              example:

                message: "Username not found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/player/{id}**:

**get**:

      summary: Get player information by ID

*parameters*:

        - name: id

          in: path

          description: The ID of the player to retrieve

          required: true

**schema**:

            type: integer

            format: int64

*responses*:

        '200':

          description: Player retrieved successfully

          content:

            application/json:

              example:

                message: "User retrieved successfully"

                data:

                  userId: 23

                  username: "john\_doe"

                  worldId: 5

                  funds: 1000

        '404':

          description: User not found

          content:

            application/json:

              example:

                message: "User not found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/players**:

**get**:

      summary: Get all players

*responses*:

        '200':

          description: Players retrieved successfully

          content:

            application/json:

              example:

                message: "Players retrieved successfully"

                data:

                  - userId: 23

                    username: "john\_doe"

                    worldId: 5

                  - userId: 42

                    username: "jane\_smith"

                    worldId: 5

                  # Additional players...

        '404':

          description: No players found

          content:

            application/json:

              example:

                message: "No players found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/player/stockpile**:

**post**:

      summary: Get player stockpiles

*requestBody*:

        required: true

        content:

          application/json:

**schema**:

              type: object

              properties:

**userId**:

                  type: integer

                  format: int64

                  description: The ID of the player for whom to retrieve stockpiles

              required:

                - userId

*responses*:

        '200':

          description: Stock retrieved successfully

          content:

            application/json:

              example:

                message: "Stock retrieved successfully"

                data:

                  assets\_with\_goods:

                    - asset\_id: 1

                      asset\_name: "Town A"

                      goods:

                        - good\_name: "Wood"

                          quantity: 100

                        - good\_name: "Stone"

                          quantity: 50

                    - asset\_id: 2

                      asset\_name: "Town B"

                      goods:

                        - good\_name: "Food"

                          quantity: 200

                        - good\_name: "Iron"

                          quantity: 75

        '404':

          description: No stock found

          content:

            application/json:

              example:

                message: "No Stock found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/player/needs**:

**post**:

      summary: Get player needs

*requestBody*:

        required: true

        content:

          application/json:

**schema**:

              type: object

              properties:

**userId**:

                  type: integer

                  format: int64

                  description: The ID of the player for whom to retrieve needs

              required:

                - userId

*responses*:

        '200':

          description: Needs retrieved successfully

          content:

            application/json:

              example:

                message: "Needs retrieved successfully"

                data:

                  assets\_with\_needs:

                    - asset\_id: 1

                      asset\_name: "Town A"

                      needs:

                        - good\_name: "Food"

                          consumption: 10

                        - good\_name: "Water"

                          consumption: 5

                    - asset\_id: 2

                      asset\_name: "Town B"

                      needs:

                        - good\_name: "Wood"

                          consumption: 8

                        - good\_name: "Stone"

                          consumption: 6

        '404':

          description: No needs found

          content:

            application/json:

              example:

                message: "No Needs found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/player/railways**:

**post**:

      summary: Get player railways

*requestBody*:

        required: true

        content:

          application/json:

**schema**:

              type: object

              properties:

**userId**:

                  type: integer

                  format: int64

                  description: The ID of the player for whom to retrieve railways

              required:

                - userId

*responses*:

        '200':

          description: Stations and railways retrieved successfully

          content:

            application/json:

              example:

                message: "Stations and railways retrieved successfully"

                data:

                  - station\_id: 1

                    station\_name: "Station A"

                    railways:

                      - railway\_id: 101

                        distance: 15

                        connected\_stations:

                          - connected\_station\_id: 201

                            connected\_station\_name: "Station B"

                            assetId: 301

                          - connected\_station\_id: 202

                            connected\_station\_name: "Station C"

                            assetId: 302

                  - station\_id: 2

                    station\_name: "Station B"

                    railways: []

        '404':

          description: No stations found for the player

          content:

            application/json:

              example:

                message: "No stations found for the player"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/player/trains**:

**post**:

      summary: Get player trains

*requestBody*:

        required: true

        content:

          application/json:

**schema**:

              type: object

              properties:

**userId**:

                  type: integer

                  format: int64

                  description: The ID of the player for whom to retrieve trains

              required:

                - userId

*responses*:

        '200':

          description: Trains retrieved successfully

          content:

            application/json:

              example:

                message: "Trains retrieved successfully"

                data:

                  - id: 1

                    name: "Express Train"

                    cost: 5000

                    operationalCost: 100

                    traveledDistance: 120

                    idRailway\_FK: 101

                    idAsset\_Starts\_FK: "Station A"

                    idAsset\_Destines\_FK: "Station B"

                    willReturnWithGoods: true

                    isReturning: false

                    goodsTransported:

                      - idname: "Passengers"

                        amount: 150

                      - idname: "Mail"

                        amount: 50

                  - id: 2

                    name: "Cargo Train"

                    cost: 8000

                    operationalCost: 150

                    traveledDistance: 200

                    idRailway\_FK: 102

                    idAsset\_Starts\_FK: "Station C"

                    idAsset\_Destines\_FK: "Station D"

                    willReturnWithGoods: false

                    isReturning: true

                    goodsTransported:

                      - idname: "Goods"

                        amount: 300

        '404':

          description: User not found or user does not own a town

          content:

            application/json:

              example:

                message: "User not found or user does not own a town"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/player/industries**:

**post**:

      summary: Get player industries

*requestBody*:

        required: true

        content:

          application/json:

**schema**:

              type: object

              properties:

**userId**:

                  type: integer

                  format: int64

                  description: The ID of the player for whom to retrieve industries

              required:

                - userId

*responses*:

        '200':

          description: Industries retrieved successfully

          content:

            application/json:

              example:

                message: "Industries retrieved successfully"

                data:

                  - asset\_id: 1

                    asset\_name: "Industrial Zone A"

                    industries:

                      - industry\_id: 101

                        industry\_name: "Factory A"

                        warehouse\_capacity: 500

                        industry\_type: "Manufacturing"

                        produced\_good\_name: "Goods"

                        cost: 10000

                        upkeep\_cost: 500

                      - industry\_id: 102

                        industry\_name: "Warehouse B"

                        warehouse\_capacity: 1000

                        industry\_type: "Storage"

                        produced\_good\_name: null

                        cost: 8000

                        upkeep\_cost: 200

                  - asset\_id: 2

                    asset\_name: "Industrial Zone B"

                    industries:

                      - industry\_id: 103

                        industry\_name: "Farm C"

                        warehouse\_capacity: 800

                        industry\_type: "Agriculture"

                        produced\_good\_name: "Crops"

                        cost: 12000

                        upkeep\_cost: 600

        '404':

          description: No industries found for the player

          content:

            application/json:

              example:

                message: "No industries found for the player"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/railway/create**:

**post**:

      summary: Create a new railway between two stations

*requestBody*:

        required: true

        content:

          application/json:

**schema**:

              type: object

              properties:

**station1Id**:

                  type: integer

                  format: int64

                  description: The ID of the first station

**station2Id**:

                  type: integer

                  format: int64

                  description: The ID of the second station

**userId**:

                  type: integer

                  format: int64

                  description: The ID of the user initiating the creation

              required:

                - station1Id

                - station2Id

                - userId

*responses*:

        '200':

          description: Railway created successfully

          content:

            application/json:

              example:

                message: "Railway created successfully"

                railway:

                  id: 1

                  station1Id: 10

                  station2Id: 15

        '400':

          description: Maximum limit of railways per station reached for one or both stations

          content:

            application/json:

              example:

                message: "Maximum limit of railways per station reached for one or both stations"

        '404':

          description: One or both stations not found

          content:

            application/json:

              example:

                message: "One or both stations not found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/railway/{id}**:

**get**:

      summary: Get details of a railway by ID

*parameters*:

        - name: id

          in: path

          required: true

          description: The ID of the railway

**schema**:

            type: integer

            format: int64

*responses*:

        '200':

          description: Railway retrieved successfully

          content:

            application/json:

              example:

                message: "Railway retrieved successfully"

                data:

                  id: 1

                  distance: 150

        '404':

          description: Railway not found

          content:

            application/json:

              example:

                message: "Railway not found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/railways**:

**get**:

      summary: Get details of all railways

*responses*:

        '200':

          description: Railways retrieved successfully

          content:

            application/json:

              example:

                message: "Railways retrieved successfully"

                data:

                  - id: 1

                    distance: 150

                  - id: 2

                    distance: 200

        '404':

          description: No railways found

          content:

            application/json:

              example:

                message: "No railways found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/station/create**:

**post**:

      summary: Create a new station

*requestBody*:

        required: true

        content:

          application/json:

            example:

              name: "Central Station"

              assetId: 1

*responses*:

        '200':

          description: Station created successfully

          content:

            application/json:

              example:

                message: "Station created successfully"

                station:

                  id: 1

                  name: "Central Station"

                  assetId: 1

        '404':

          description: Asset not found

          content:

            application/json:

              example:

                message: "Asset not found"

        '409':

          description: Conflict - Station or name already exists

          content:

            application/json:

              example:

                message: "Station name already exists"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/station/{id}**:

**get**:

      summary: Get station details by ID

*parameters*:

        - name: id

          in: path

          description: ID of the station to retrieve

          required: true

**schema**:

            type: integer

            format: int64

*responses*:

        '200':

          description: Station retrieved successfully

          content:

            application/json:

              example:

                message: "Station retrieved successfully"

                data:

                  id: 1

                  name: "Central Station"

                  cost: 50000

                  operationCost: 2000

                  assetId: 1

        '404':

          description: Station not found

          content:

            application/json:

              example:

                message: "Station not found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/stations**:

**get**:

      summary: Get all station details

*responses*:

        '200':

          description: Stations retrieved successfully

          content:

            application/json:

              example:

                message: "Stations retrieved successfully"

                data:

                  stations:

                    - id: 1

                      name: "Central Station"

                      cost: 50000

                      operationCost: 2000

                      assetId: 1

                    - id: 2

                      name: "City Terminal"

                      cost: 45000

                      operationCost: 1800

                      assetId: 1

                    # ... more station entries ...

        '404':

          description: No stations found

          content:

            application/json:

              example:

                message: "No stations found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/station/name**:

**post**:

      summary: Get station details by name

*requestBody*:

        content:

          application/json:

**schema**:

              type: object

              properties:

**station\_name**:

                  type: string

*responses*:

        '200':

          description: Station retrieved successfully

          content:

            application/json:

              example:

                message: "Station retrieved successfully"

                data:

                  station:

                    id: 1

                    name: "Central Station"

                    cost: 50000

                    operationCost: 2000

                    idAsset\_FK: 1

        '404':

          description: Station not found

          content:

            application/json:

              example:

                message: "Station not found"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/train/create**:

**post**:

      summary: Create a new train

*requestBody*:

        content:

          application/json:

**schema**:

              type: object

              properties:

**name**:

                  type: string

**idRailway**:

                  type: integer

**idAsset\_Starts**:

                  type: integer

**idAsset\_Destines**:

                  type: integer

**willReturnWithGoods**:

                  type: boolean

*responses*:

        '201':

          description: Train created successfully

          content:

            application/json:

              example:

                status\_code: 201

                message: "Train created successfully"

                train:

                  id: 1

                  name: "Express Train"

                  idRailway: 1

                  idAsset\_Starts: 1

                  idAsset\_Destines: 2

                  willReturnWithGoods: true

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                message: "Internal Server Error"

**/train/{id}**:

**get**:

      summary: Get information about a specific train

*parameters*:

        - name: id

          in: path

          description: ID of the train to retrieve

          required: true

**schema**:

            type: integer

*responses*:

        '200':

          description: Train retrieved successfully

          content:

            application/json:

              example:

                status\_code: 200

                message: "Train retrieved successfully"

                data:

                  id: 1

                  name: "Express Train"

                  traveledDistance: 120

                  operationalCost: 500

                  railwayId: 1

                  idAsset\_Starts\_FK: 2

                  idAsset\_Destines\_FK: 3

        '404':

          description: Train not found

          content:

            application/json:

              example:

                status\_code: 404

                message: "Train not found"

**/trains**:

**get**:

      summary: Get information about all trains

*responses*:

        '200':

          description: Trains retrieved successfully

          content:

            application/json:

              example:

                status\_code: 200

                message: "Trains retrieved successfully"

                data:

                  - id: 1

                    name: "Express Train"

                    cost: 1000

                    operationalCost: 500

                    railwayId: 1

                  - id: 2

                    name: "Cargo Train"

                    cost: 1200

                    operationalCost: 600

                    railwayId: 2

                  # Additional train entries...

        '404':

          description: No trains found

          content:

            application/json:

              example:

                status\_code: 404

                message: "No trains found"

**/train/delete**:

**delete**:

      summary: Delete a train and its wagons

*requestBody*:

        required: true

        content:

          application/json:

            example:

              trainId: 1

              userId: 123

*responses*:

        '200':

          description: Train and wagons deleted successfully

          content:

            application/json:

              example:

                status\_code: 200

                message: "Train and wagons deleted successfully"

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                status\_code: 500

                message: "Internal Server Error"

**/train/demand**:

**post**:

      summary: Demand a train to transport goods

*requestBody*:

        required: true

        content:

          application/json:

            example:

              assetFromId: 1

              assetToId: 2

              railwayId: 3

              goodId: 4

              amount: 100

*responses*:

        '200':

          description: Train and wagons created successfully

          content:

            application/json:

              example:

                status\_code: 200

                message: "Train and wagons created successfully"

        '400':

          description: Bad Request

          content:

            application/json:

              example:

                status\_code: 400

                message: "Not enough stockpile space in the destination asset for the specified amount of goods"

**/world/{id}**:

**get**:

      summary: Get information about a world

*parameters*:

        - name: id

          in: path

          description: ID of the world to retrieve

          required: true

**schema**:

            type: integer

            format: int64

*responses*:

        '200':

          description: World retrieved successfully

          content:

            application/json:

              example:

                status\_code: 200

                message: "World retrieved successfully"

                data:

                  id: 1

                  creationDate: "2024-01-10T12:30:45Z"

        '404':

          description: World not found

          content:

            application/json:

              example:

                status\_code: 404

                message: "World not found"

**/worlds**:

**get**:

      summary: Get information about all worlds

*responses*:

        '200':

          description: Worlds retrieved successfully

          content:

            application/json:

              example:

                status\_code: 200

                message: "Worlds retrieved successfully"

                data:

                  - id: 1

                    creationDate: "2024-01-10T12:30:45Z"

                  - id: 2

                    creationDate: "2024-01-11T15:20:30Z"

                  # Additional world objects...

        '500':

          description: Internal Server Error

          content:

            application/json:

              example:

                status\_code: 500

                message: "Error in the stored procedure"