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openapi: 3.0.4

info:

version: "1.0"

title: Prime factorization API

paths:

/primes:

post:

requestBody:

description: The numbers to be factorized

content:

application/json:

schema:

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

responses:

200:

description: Returns the prime factors of the sumbitted values

content:

application/json:

schema:

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

servers:

- url: http://localhost:8080

components:

schemas:

InputNumbers:

type: object

required:

- input\_numbers

properties:

input\_numbers:

type: array

minItems: 1

items:

type: integer

maximum: 1000

minimum: 1

PrimeFactorization:

type: object

required:

- result

properties:

result:

type: array

minItems: 1

items:

type: object

required:

- input\_number

- prime\_factors

properties:

input\_number:

type: integer

minimum: 1

maximum: 1000

prime\_factors:

type: array

items:

type: integer

minimum: 1

maximum: 1000