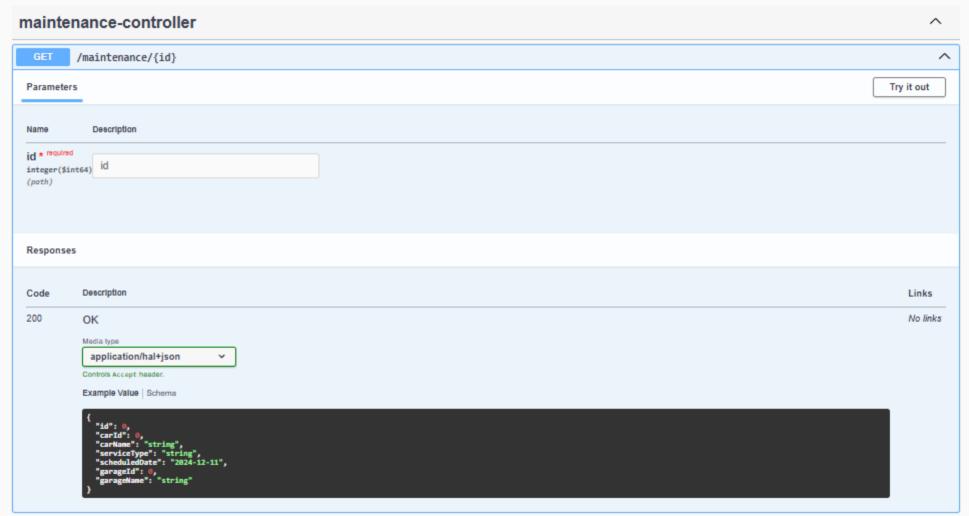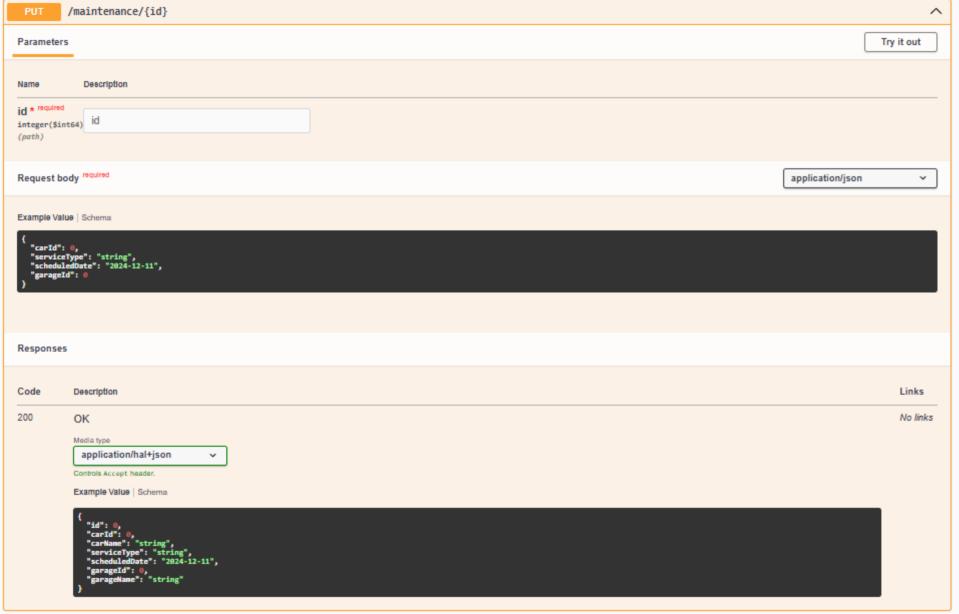```
GarageDailyAvailabilityReportDTO ∨ {
    date   ∨ string($date)
    requests   ∨ integer($int32)
    availableCapacity   ∨ integer($int32)
}
```

```
Car ∨ {
    id                      ∨ integer($int64)
    make                    ∨ string
    model                   ∨ string
    productionYear          ∨ integer($int32)
    licensePlate            ∨ string
    garages                 ∨ [Garage ∨ {
                                id          ∨ integer($int64)
                                name        ∨ string
                                location    ∨ string
                                city        ∨ string
                                capacity    ∨ integer($int32)
                            }]
}
```

maintenance-controller ∧

GET /maintenance/{id} ∧

Parameters

Try it out

Name	Description
id * required integer($int64) (path)	id

Responses

Code	Description	Links
200	OK	*No links*

Media type

application/hal+json ∨

Controls Accept header.

Example Value | Schema

```json
{
  "id": 0,
  "carId": 0,
  "carName": "string",
  "serviceType": "string",
  "scheduledDate": "2024-12-11",
  "garageId": 0,
  "garageName": "string"
}
```

PUT /maintenance/{id}

Parameters

<button class="action-btn">Try it out</button>

Name	Description
id * required integer($int64) (path)	id

Request body required

application/json

Example Value | Schema

```json
{
  "carId": 0,
  "serviceType": "string",
  "scheduledDate": "2024-12-11",
  "garageId": 0
}
```

Responses

Code	Description	Links
200	OK	No links

Media type

application/hal+json

Controls Accept header.

Example Value | Schema

```json
{
  "id": 0,
  "carId": 0,
  "carName": "string",
  "serviceType": "string",
  "scheduledDate": "2024-12-11",
  "garageId": 0,
  "garageName": "string"
}
```

DELETE /maintenance/{id}

Parameters

[Try it out]

Name	Description
id * required integer($int64) (path)	id

Responses

Code	Description	Links
200	OK	No links

GET `/maintenance`

Parameters

Try it out

Name	Description
carId integer($int64) (query)	carId
garageId integer($int64) (query)	garageId
startDate string($date) (query)	startDate
endDate string($date) (query)	endDate

Responses

Code	Description	Links
200	OK	*No links*

Media type

application/hal+json ▼

Controls Accept header.

Example Value | Schema

GET /maintenance

Parameters

Name	Description
carId integer($int64) (query)	carId
garageId integer($int64) (query)	garageId
startDate string($date) (query)	startDate
endDate string($date) (query)	endDate

Responses

Code	Description		Links
200	OK		No links

Media type

```
application/hal+json          ▼
```

Controls Accept header.

Example Value | Schema

```
[
  {
    "id": 0,
    "carId": 0,
    "carName": "string",
    "serviceType": "string",
    "scheduledDate": "2024-12-11",
    "garageId": 0,
    "garageName": "string"
  }
]
```

POST /maintenance

Parameters

Try it out

No parameters

Request body ^{required}

application/json ▾

Example Value | Schema

```json
{
  "garageId": 0,
  "carId": 0,
  "serviceType": "string",
  "scheduledDate": "2024-12-11"
}
```

Responses

Code	Description	Links
200	OK	*No links*

Media type

application/hal+json ▾

Controls Accept header.

Example Value | Schema

```json
{
  "id": 0,
  "carId": 0,
  "carName": "string",
  "serviceType": "string",
  "scheduledDate": "2024-12-11",
  "garageId": 0,
  "garageName": "string"
}
```

| GET | /maintenance/monthlyRequestsReport | ∧ |

Parameters

Try it out

Name	Description
garageId integer($int64) (query)	garageId
startMonth * required string (query)	startMonth
endMonth * required string (query)	endMonth

Responses

Code	Description	Links
200	OK	No links

Media type

application/hal+json ∨

Controls Accept header.

Example Value | Schema

```
[
  {
    "additionalProp1": {},
    "additionalProp2": {},
    "additionalProp3": {}
  }
]
```

garage-controller

GET /garages/{id}

Parameters

Try it out

Name	Description
id * required integer($int64) (path)	id

Responses

Code	Description	Links
200	OK	No links

Media type

application/hal+json

Controls Accept header.

Example Value | Schema

```
{
  "id": 0,
  "name": "string",
  "location": "string",
  "city": "string",
  "capacity": 0
}
```

PUT /garages/{id}

Parameters

Try it out

Name	Description
id * required integer($int64) (path)	id

Request body   required

application/json

Example Value | Schema

```
{
    "name": "string",
    "location": "string",
    "capacity": 0,
    "city": "string"
}
```

Responses

Code	Description	Links
200	OK	*No links*

Media type

application/hal+json

Controls Accept header.

Example Value | Schema

```
{
    "id": 0,
    "name": "string",
    "location": "string",
    "city": "string",
    "capacity": 0
}
```

DELETE /garages/{id} ∧

Parameters

Name	Description
id * required integer($int64) (path)	id

Responses

Code	Description	Links
200	OK	No links

GET /garages ⌃

Parameters

Try it out

Name	Description
city **string** *(query)*	city

Responses

Code	Description	Links
200	**OK**	*No links*

Media type

application/hal+json ⌄

Controls Accept header.

Example Value | Schema

```
[
  {
    "id": 0,
    "name": "string",
    "location": "string",
    "city": "string",
    "capacity": 0
  }
]
```

POST /garages

Parameters

<button>Try it out</button>

No parameters

Request body ^{required}

application/json ⌄

Example Value | Schema

```
{
  "name": "string",
  "location": "string",
  "city": "string",
  "capacity": 0
}
```

Responses

Code	Description	Links
200	OK	*No links*

Media type

application/hal+json ⌄

Controls Accept header.

Example Value | Schema

```
{
  "id": 0,
  "name": "string",
  "location": "string",
  "city": "string",
  "capacity": 0
}
```

GET /garages/dailyAvailabilityReport ^

Parameters

Try it out

Name	Description
garageId * required integer($int64) (query)	garageId
startDate * required string($date) (query)	startDate
endDate * required string($date) (query)	endDate

Responses

Code	Description	Links
200	OK	No links

Media type

application/hal+json ▾

Controls Accept header.

Example Value | Schema

```
[
  {
    "date": "2024-12-11",
    "requests": 0,
    "availableCapacity": 0
  }
]
```

car-controller ∧

GET /cars/{id} ∧

Parameters

Name	Description
id * required integer($int64) (path)	id

Responses

Code	Description		Links
200	OK		*No links*

Media type

application/hal+json ∨

Controls Accept header.

Example Value | Schema

```
{
  "id": 0,
  "make": "string",
  "model": "string",
  "productionYear": 0,
  "licensePlate": "string",
  "garages": [
    {
      "id": 0,
      "name": "string",
      "location": "string",
      "city": "string",
      "capacity": 0
    }
  ]
}
```

PUT /cars/{id}

Parameters

Try it out

Name	Description
id * required integer($int64) (path)	id

Request body required

application/json

Example Value | Schema

```
{
  "make": "string",
  "model": "string",
  "productionYear": 0,
  "licensePlate": "string",
  "garageIds": [
    0
  ]
}
```

Responses

Code	Description	Links
200	OK	No links

Media type

application/hal+json

Controls Accept header.

Example Value | Schema

```
{
  "id": 0,
  "make": "string",
  "model": "string",
  "productionYear": 0,
  "licensePlate": "string",
  "garageIds": [
    {
      "id": 0,
      "name": "string",
      "location": "string",
      "city": "string",
      "capacity": 0
    }
  ]
}
```

DELETE /cars/{id} ︿

Parameters

Name	Description
id * required integer($int64) (path)	id

Responses

Code	Description	Links
200	OK	No links

GET /cars

Parameters

Try it out

Name	Description
carMake **string** *(query)*	carMake
garageId **integer($int64)** *(query)*	garageId
fromYear **integer($int32)** *(query)*	fromYear
toYear **integer($int32)** *(query)*	toYear

Responses

Code	Description	Links
200	OK	*No links*

Media type

application/hal+json ▼

Controls Accept header.

Example Value | Schema

```
[
  {
    "id": 0,
    "make": "string",
    "model": "string",
    "productionYear": 0,
    "licensePlate": "string",
    "garages": [
      {
        "id": 0,
        "name": "string",
        "location": "string",
        "city": "string",
        "capacity": 0
      }
    ]
  }
]
```

POST /cars

Parameters

Try it out

No parameters

Request body *required*

`application/json` ▾

Example Value | Schema

```
{
  "make": "string",
  "model": "string",
  "productionYear": 0,
  "licensePlate": "string",
  "garageIds": [
    0
  ]
}
```

Responses

Code	Description	Links
200	OK	*No links*

Media type

`application/hal+json` ▾

Controls Accept header.

Example Value | Schema

```
{
  "id": 0,
  "make": "string",
  "model": "string",
  "productionYear": 0,
  "licensePlate": "string",
  "garageIds": [
    {
      "id": 0,
      "name": "string",
      "location": "string",
      "city": "string",
      "capacity": 0
    }
  ]
}
```

Schemas

UpdateMaintenanceDTO ˅ {
- carId   ˅ integer($int64)
- serviceType   ˅ string
- scheduledDate   ˅ string($date)
- garageId   ˅ integer($int64)

}

ResponseMaintenanceDTO ˅ {
- id   ˅ integer($int64)
- carId   ˅ integer($int64)
- carName   ˅ string
- serviceType   ˅ string
- scheduledDate   ˅ string($date)
- garageId   ˅ integer($int64)
- garageName   ˅ string

}

UpdateGarageDTO ˅ {
- name   ˅ string
- location   ˅ string
- capacity   ˅ integer($int32)
- city   ˅ string

}

ResponseGarageDTO ˅ {
- id   ˅ integer($int64)
- name   ˅ string
- location   ˅ string
- city   ˅ string
- capacity   ˅ integer($int32)

}

UpdateCarDTO ˅ {
- make   ˅ string
- model   ˅ string
- productionYear   ˅ integer($int32)
- licensePlate   ˅ string
- garageIds   ˅ [˅ integer($int64)]

}

```
ResponseCarDTO ∨ {
    id                          ∨ integer($int64)
    make                        ∨ string
    model                       ∨ string
    productionYear              ∨ integer($int32)
    licensePlate                ∨ string
    garageIds                   ∨ [ResponseGarageDTO ∨ {
                                    id          ∨ integer($int64)
                                    name        ∨ string
                                    location    ∨ string
                                    city        ∨ string
                                    capacity    ∨ integer($int32)
                                }]
}

CreateMaintenanceDTO ∨ {
    garageId                    ∨ integer($int64)
    carId                       ∨ integer($int64)
    serviceType                 ∨ string
    scheduledDate               ∨ string($date)
}

CreateGarageDTO ∨ {
    name                        ∨ string
    location                    ∨ string
    city                        ∨ string
    capacity                    ∨ integer($int32)
}

Garage ∨ {
    id                          ∨ integer($int64)
    name                        ∨ string
    location                    ∨ string
    city                        ∨ string
    capacity                    ∨ integer($int32)
}

CreateCarDTO ∨ {
    make                        ∨ string
    model                       ∨ string
    productionYear              ∨ integer($int32)
    licensePlate                ∨ string
    garageIds                   ∨ [ ∨ integer($int64)]
}
```