

API monitoring

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Chapter 1. Overview

This API provides management tools of an airport monitoring information system

1.1. Version information

Version : 1.0

1.2. URI scheme

Host : localhost:8081

BasePath : /

1.3. Tags

- Aircraft Entity : Simple Jpa Repository
- AircraftType Entity : Simple Jpa Repository
- Apron Entity : Simple Jpa Repository
- Area Entity : Simple Jpa Repository
- Arrival Entity : Simple Jpa Repository
- Atv Entity : Simple Jpa Repository
- Departure Entity : Simple Jpa Repository
- Equipment Entity : Simple Jpa Repository
- Event Entity : Simple Jpa Repository
- Flight Entity : Simple Jpa Repository
- GeoElement Entity : Simple Jpa Repository
- Model Entity : Simple Jpa Repository
- ModelElement Entity : Simple Jpa Repository
- Stand Entity : Simple Jpa Repository
- Terminal Entity : Simple Jpa Repository
- TraitmentEquipement Entity : Simple Jpa Repository
- admin-controller : Admin Controller
- aircraft-type-history-controler : Aircraft Type History Controler
- arrival-history-controler : Arrival History Controler
- departure-history-controler : Departure History Controler
- geo-element-history-controler : Geo Element History Controler
- profile-controller : Profile Controller

Chapter 2. Authentication

2.1. Header

All services are rights protected, an authentication token must always be provided in the request header as follows

```
Authorization: token
```

2.2. Token

Fetching the requested authentication token is done through the below service

2.2.1. Url

```
POST /login
```

2.2.2. Parameters

Type	Name	Description	Schema
String	username <i>required</i>	username	string
String	password <i>required</i>	password	string

2.2.3. Responses

HTTP Code	Description	Schema
200	OK	The token
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Chapter 3. Resources

3.1. Aircraft Entity

Simple Jpa Repository

3.1.1. saveAircraft

POST /api/aircrafts

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	Aircraft

Responses

HTTP Code	Description	Schema
200	OK	Resource«Aircraft»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.1.2. findAllAircraft

GET /api/aircrafts

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string

Type	Name	Description	Schema
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Aircraft»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- [application/json](#)
- [application/hal+json](#)
- [text/uri-list](#)
- [application/x-spring-data-compact+json](#)

3.1.3. findByIdAircraft

```
GET /api/aircrafts/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«Aircraft»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- /

3.1.4. saveAircraft

```
PUT /api/aircrafts/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Aircraft

Responses

HTTP Code	Description	Schema
200	OK	Resource«Aircraft»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- /

3.1.5. deleteAircraft

```
DELETE /api/aircrafts/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- /

3.1.6. saveAircraft

```
PATCH /api/aircrafts/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Aircraft

Responses

HTTP Code	Description	Schema
200	OK	Resource«Aircraft»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- /

3.2. AircraftType Entity

Simple Jpa Repository

3.2.1. saveAircraftType

POST /api/aircraftTypes

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	AircraftType

Responses

HTTP Code	Description	Schema
200	OK	Resource«Aircraft Type»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.2.2. findAllAircraftType

GET /api/aircraftTypes

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«AircraftType»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- [application/json](#)
- [application/hal+json](#)
- [text/uri-list](#)
- [application/x-spring-data-compact+json](#)

3.2.3. findByIdAircraftType

```
GET /api/aircraftTypes/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«AircraftType»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- [/](#)

3.2.4. saveAircraftType

```
PUT /api/aircraftTypes/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	AircraftType

Responses

HTTP Code	Description	Schema
200	OK	Resource«Aircraft Type»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.2.5. deleteAircraftType

```
DELETE /api/aircraftTypes/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- /

3.2.6. saveAircraftType

```
PATCH /api/aircraftTypes/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	AircraftType

Responses

HTTP Code	Description	Schema
200	OK	Resource«Aircraft Type»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- /

3.3. Apron Entity

Simple Jpa Repository

3.3.1. saveApron

```
POST /api/aprons
```

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	Apron

Responses

HTTP Code	Description	Schema
200	OK	Resource«Apron»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.3.2. findAllApron

GET /api/aprons

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Apron»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/hal+json`
- `text/uri-list`
- `application/x-spring-data-compact+json`

3.3.3. findByIdApron

```
GET /api/aprons/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«Apron»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `/`

3.3.4. saveApron

```
PUT /api/aprons/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Apron

Responses

HTTP Code	Description	Schema
200	OK	Resource«Apron»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.3.5. deleteApron

```
DELETE /api/aprons/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `/`

3.3.6. saveApron

```
PATCH /api/aprons/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Apron

Responses

HTTP Code	Description	Schema
200	OK	Resource«Apron»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.4. Area Entity

Simple Jpa Repository

3.4.1. saveArea

POST /api/areas

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	Area

Responses

HTTP Code	Description	Schema
200	OK	Resource«Area»
201	Created	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.4.2. findAllArea

GET /api/areas

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Area»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/hal+json`
- `text/uri-list`
- `application/x-spring-data-compact+json`

3.4.3. findByIdArea

GET /api/areas/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«Area»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.4.4. saveArea

PUT /api/areas/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Area

Responses

HTTP Code	Description	Schema
200	OK	Resource«Area»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.4.5. deleteArea

```
DELETE /api/areas/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `/`

3.4.6. saveArea

```
PATCH /api/areas/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Type	Name	Description	Schema
Body	body <i>required</i>	body	Area

Responses

HTTP Code	Description	Schema
200	OK	Resource«Area»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.5. Arrival Entity

Simple Jpa Repository

3.5.1. saveArrival

POST /api/arrivals

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	Arrival

Responses

HTTP Code	Description	Schema
200	OK	Resource«Arrival»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.5.2. findAllArrival

```
GET /api/arrivals
```

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Arrival»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/hal+json`
- `text/uri-list`
- `application/x-spring-data-compact+json`

3.5.3. findBycallsignContainingArrival

```
GET /api/arrivals/search/findBycallsignContaining
```

Parameters

Type	Name	Description	Schema
Query	callsign <i>optional</i>	callsign	string
Query	page <i>optional</i>		integer(int32)
Query	size <i>optional</i>		integer(int32)
Query	sort <i>optional</i>		string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Arrival»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.5.4. findByifplIDContainingArrival

```
GET /api/arrivals/search/findByifplIDContaining
```

Parameters

Type	Name	Description	Schema
Query	ifplID <i>optional</i>	ifplID	string
Query	page <i>optional</i>		integer(int32)
Query	size <i>optional</i>		integer(int32)
Query	sort <i>optional</i>		string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Arrival»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.5.5. findByIdArrival

```
GET /api/arrivals/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«Arrival»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.5.6. saveArrival

```
PUT /api/arrivals/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Type	Name	Description	Schema
Body	body <i>required</i>	body	Arrival

Responses

HTTP Code	Description	Schema
200	OK	Resource«Arrival»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.5.7. deleteArrival

```
DELETE /api/arrivals/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- [/](#)

3.5.8. saveArrival

PATCH /api/arrivals/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Arrival

Responses

HTTP Code	Description	Schema
200	OK	Resource«Arrival»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.6. Atv Entity

Simple Jpa Repository

3.6.1. saveAtv

POST /api/atvs

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	Atv

Responses

HTTP Code	Description	Schema
200	OK	Resource«Atv»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.6.2. findAllAtv

```
GET /api/atvs
```

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Atv»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/hal+json`

- [text/uri-list](#)
- [application/x-spring-data-compact+json](#)

3.6.3. findByIdAtv

GET /api/atvs/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«Atv»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- [/](#)

3.6.4. saveAtv

PUT /api/atvs/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Atv

Responses

HTTP Code	Description	Schema
200	OK	Resource«Atv»
201	Created	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.6.5. deleteAtv

```
DELETE /api/atvs/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `/`

3.6.6. saveAtv

```
PATCH /api/atvs/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Atv

Responses

HTTP Code	Description	Schema
200	OK	Resource«Atv»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.7. Departure Entity

Simple Jpa Repository

3.7.1. saveDeparture

POST /api/departures

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	Departure

Responses

HTTP Code	Description	Schema
200	OK	Resource«Departure»
201	Created	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.7.2. findAllDeparture

GET /api/departures

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Departure»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/hal+json`
- `text/uri-list`
- `application/x-spring-data-compact+json`

3.7.3. findBycallsignContainingDeparture

GET /api/departures/search/findBycallsignContaining

Parameters

Type	Name	Description	Schema
Query	callsign <i>optional</i>	callsign	string
Query	page <i>optional</i>		integer(int32)
Query	size <i>optional</i>		integer(int32)
Query	sort <i>optional</i>		string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Departure»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.7.4. findByifplIDContainingDeparture

GET /api/departures/search/findByifplIDContaining

Parameters

Type	Name	Description	Schema
Query	ifplID <i>optional</i>	ifplID	string
Query	page <i>optional</i>		integer(int32)
Query	size <i>optional</i>		integer(int32)

Type	Name	Description	Schema
Query	sort <i>optional</i>		string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Departure»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.7.5. findByIdDeparture

```
GET /api/departures/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«Departure»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.7.6. saveDeparture

PUT /api/departures/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Departure

Responses

HTTP Code	Description	Schema
200	OK	Resource«Departure»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.7.7. deleteDeparture

DELETE /api/departures/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- /

3.7.8. saveDeparture

```
PATCH /api/departures/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Departure

Responses

HTTP Code	Description	Schema
200	OK	Resource«Departure»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- [application/json](#)

Produces

- /

3.8. Equipment Entity

Simple Jpa Repository

3.8.1. saveEquipment

POST /api/equipments

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	Equipment

Responses

HTTP Code	Description	Schema
200	OK	Resource«Equipment»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.8.2. findAllEquipment

GET /api/equipments

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Equipment»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- [application/json](#)
- [application/hal+json](#)
- [text/uri-list](#)
- [application/x-spring-data-compact+json](#)

3.8.3. findByIdEquipment

```
GET /api/equipments/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«Equipment»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- [/](#)

3.8.4. saveEquipment

```
PUT /api/equipments/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Equipment

Responses

HTTP Code	Description	Schema
200	OK	Resource«Equipment»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.8.5. deleteEquipment

```
DELETE /api/equipments/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- /

3.8.6. saveEquipment

```
PATCH /api/equipments/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Equipment

Responses

HTTP Code	Description	Schema
200	OK	Resource«Equipment»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- /

3.9. Event Entity

Simple Jpa Repository

3.9.1. saveEvent

```
POST /api/events
```

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	Event

Responses

HTTP Code	Description	Schema
200	OK	Resource«Event»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.9.2. findAllEvent

GET /api/events

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Event»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/hal+json`
- `text/uri-list`
- `application/x-spring-data-compact+json`

3.9.3. findByIdEvent

```
GET /api/events/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«Event»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `/`

3.9.4. saveEvent

```
PUT /api/events/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Event

Responses

HTTP Code	Description	Schema
200	OK	Resource«Event»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.9.5. deleteEvent

```
DELETE /api/events/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `/`

3.9.6. saveEvent

```
PATCH /api/events/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Event

Responses

HTTP Code	Description	Schema
200	OK	Resource«Event»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.10. Flight Entity

Simple Jpa Repository

3.10.1. saveFlight

POST /api/flights

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	Flight

Responses

HTTP Code	Description	Schema
200	OK	Resource«Flight»
201	Created	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.10.2. findAllFlight

GET /api/flights

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Flight»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/hal+json`
- `text/uri-list`
- `application/x-spring-data-compact+json`

3.10.3. findByIdFlight

GET /api/flights/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«Flight»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.10.4. saveFlight

PUT /api/flights/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Flight

Responses

HTTP Code	Description	Schema
200	OK	Resource«Flight»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.10.5. deleteFlight

```
DELETE /api/flights/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `/`

3.10.6. saveFlight

```
PATCH /api/flights/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Type	Name	Description	Schema
Body	body <i>required</i>	body	Flight

Responses

HTTP Code	Description	Schema
200	OK	Resource«Flight»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.11. GeoElement Entity

Simple Jpa Repository

3.11.1. saveGeoElement

POST /api/geoElements

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	GeoElement

Responses

HTTP Code	Description	Schema
200	OK	Resource«GeoElement»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.11.2. findAllGeoElement

GET /api/geoElements

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«GeoElement»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/hal+json`
- `text/uri-list`
- `application/x-spring-data-compact+json`

3.11.3. findByIdGeoElement

GET /api/geoElements/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«GeoElement»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.11.4. saveGeoElement

PUT /api/geoElements/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	GeoElement

Responses

HTTP Code	Description	Schema
200	OK	Resource«GeoElement»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.11.5. deleteGeoElement

```
DELETE /api/geoElements/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `/`

3.11.6. saveGeoElement

```
PATCH /api/geoElements/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Type	Name	Description	Schema
Body	body <i>required</i>	body	GeoElement

Responses

HTTP Code	Description	Schema
200	OK	Resource«GeoElement»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.12. Model Entity

Simple Jpa Repository

3.12.1. saveModel

POST /api/models

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	Model

Responses

HTTP Code	Description	Schema
200	OK	Resource«Model»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.12.2. findAllModel

```
GET /api/models
```

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Model»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/hal+json`
- `text/uri-list`
- `application/x-spring-data-compact+json`

3.12.3. findByIdModel

GET /api/models/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«Model»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.12.4. saveModel

PUT /api/models/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Model

Responses

HTTP Code	Description	Schema
200	OK	Resource«Model»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.12.5. deleteModel

```
DELETE /api/models/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `/`

3.12.6. saveModel

```
PATCH /api/models/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Model

Responses

HTTP Code	Description	Schema
200	OK	Resource«Model»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `/`

3.13. ModelElement Entity

Simple Jpa Repository

3.13.1. saveModelElement

POST /api/modelElements

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	ModelElement

Responses

HTTP Code	Description	Schema
200	OK	Resource«ModelElement»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- /

3.13.2. findAllModelElement

```
GET /api/modelElements
```

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«ModelElement»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/hal+json`
- `text/uri-list`
- `application/x-spring-data-compact+json`

3.13.3. findByIdModelElement

```
GET /api/modelElements/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«ModelElement»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- /

3.13.4. saveModelElement

```
PUT /api/modelElements/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	ModelElement

Responses

HTTP Code	Description	Schema
200	OK	Resource«ModelElement»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- /

3.13.5. deleteModelElement

DELETE /api/modelElements/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

• /

3.13.6. saveModelElement

PATCH /api/modelElements/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	ModelElement

Responses

HTTP Code	Description	Schema
200	OK	Resource«ModelElement»
204	No Content	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `/`

3.14. Stand Entity

Simple Jpa Repository

3.14.1. saveStand

POST /api/stands

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	Stand

Responses

HTTP Code	Description	Schema
200	OK	Resource«Stand»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.14.2. findAllStand

GET /api/stands

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Stand»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/hal+json`
- `text/uri-list`
- `application/x-spring-data-compact+json`

3.14.3. findByIdStand

GET /api/stands/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«Stand»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- /

3.14.4. saveStand

```
PUT /api/stands/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Stand

Responses

HTTP Code	Description	Schema
200	OK	Resource«Stand»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- /

3.14.5. deleteStand

```
DELETE /api/stands/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- /

3.14.6. saveStand

```
PATCH /api/stands/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Stand

Responses

HTTP Code	Description	Schema
200	OK	Resource«Stand»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- /

3.15. Terminal Entity

Simple Jpa Repository

3.15.1. saveTerminal

POST /api/terminals

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	Terminal

Responses

HTTP Code	Description	Schema
200	OK	Resource«Terminal»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- /

3.15.2. findAllTerminal

GET /api/terminals

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«Terminal»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- [application/json](#)
- [application/hal+json](#)
- [text/uri-list](#)
- [application/x-spring-data-compact+json](#)

3.15.3. findByIdTerminal

```
GET /api/terminals/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«Terminal»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- /

3.15.4. saveTerminal

```
PUT /api/terminals/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Terminal

Responses

HTTP Code	Description	Schema
200	OK	Resource«Terminal»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- /

3.15.5. deleteTerminal

```
DELETE /api/terminals/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- /

3.15.6. saveTerminal

```
PATCH /api/terminals/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	Terminal

Responses

HTTP Code	Description	Schema
200	OK	Resource«Terminal»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- /

3.16. TraitementEquipement Entity

Simple Jpa Repository

3.16.1. saveTraitmentEquipement

POST /api/traitmentEquipements

Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	TraitmentEquipement

Responses

HTTP Code	Description	Schema
200	OK	Resource«TraitmentEquipement»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

3.16.2. findAllTraitmentEquipement

GET /api/traitmentEquipements

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	page	string
Query	size <i>optional</i>	size	string
Query	sort <i>optional</i>	sort	string

Responses

HTTP Code	Description	Schema
200	OK	Resources«TraitmentEquipement»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- [application/json](#)
- [application/hal+json](#)
- [text/uri-list](#)
- [application/x-spring-data-compact+json](#)

3.16.3. findByIdTraitmentEquipement

```
GET /api/traitmentEquipements/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	Resource«TraitmentEquipement»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- [/](#)

3.16.4. saveTraitmentEquipement

```
PUT /api/traitmentEquipements/{id}
```


Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	TraitmentEquipement

Responses

HTTP Code	Description	Schema
200	OK	Resource«TraitmentEquipement»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

3.16.5. deleteTraitmentEquipement

```
DELETE /api/traitmentEquipements/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- /

3.16.6. saveTraitmentEquipement

```
PATCH /api/traitmentEquipements/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)
Body	body <i>required</i>	body	TraitmentEquipement

Responses

HTTP Code	Description	Schema
200	OK	Resource«TraitmentEquipement»
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- /

3.17. Admin-controller

Admin Controller

3.17.1. deleteData

```
DELETE /admin/data/{entity}/{date}
```

Parameters

Type	Name	Description	Schema
Path	date <i>required</i>	date	string
Path	entity <i>required</i>	entity	string

Responses

HTTP Code	Description	Schema
200	OK	string
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

• /

3.17.2. dropColumn

```
DELETE /admin/schema/{table}/{column}
```

Parameters

Type	Name	Description	Schema
Path	column <i>required</i>	column	string
Path	table <i>required</i>	table	string

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

• /

3.18. Aircraft-type-history-controller

Aircraft Type History Controller

3.18.1. getHistory

```
GET /history/aircrafttype/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	< AircraftType > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.19. Arrival-history-controller

Arrival History Controller

3.19.1. getHistory

```
GET /history/arrival/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	< Arrival > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.20. Departure-history-controller

Departure History Controller

3.20.1. getHistory

```
GET /history/departure/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	< Departure > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.21. Geo-element-history-controller

Geo Element History Controller

3.21.1. getHistory

```
GET /history/geoelement/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	id	integer(int64)

Responses

HTTP Code	Description	Schema
200	OK	< GeoElement > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.22. Profile-controller

Profile Controller

3.22.1. listAllFormsOfMetadata

```
GET /api/profile
```

Responses

HTTP Code	Description	Schema
200	OK	ResourceSupport
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

• /

3.22.2. profileOptions

OPTIONS /api/profile

Responses

HTTP Code	Description	Schema
200	OK	object
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- application/json

Produces

- /

Chapter 4. Definitions

4.1. Aircraft

Name	Schema
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
nbSeats <i>optional</i>	integer(int32)
type <i>optional</i>	AircraftType

4.2. AircraftType

Name	Schema
creationTime <i>optional</i>	string(date-time)
fullName <i>optional</i>	string
icao <i>optional</i>	string
id <i>optional</i>	integer(int64)
length <i>optional</i>	number(double)
lowCostSeats <i>optional</i>	integer(int32)
modificationTime <i>optional</i>	string(date-time)
nominalSeats <i>optional</i>	integer(int32)
type <i>optional</i>	string

Name	Schema
wingspan <i>optional</i>	number(double)

4.3. Apron

Name	Schema
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
stands <i>optional</i>	< Stand > array
terminal <i>optional</i>	Terminal

4.4. Area

Name	Schema
creationTime <i>optional</i>	string(date-time)
equipments <i>optional</i>	< Equipment > array
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
nbPax <i>optional</i>	integer(int32)
traitmentEquipements <i>optional</i>	< TraitmentEquipement > array
x <i>optional</i>	number(double)

Name	Schema
y <i>optional</i>	number(double)

4.5. Arrival

Name	Schema
adep <i>optional</i>	string
aibt <i>optional</i>	string(date-time)
airline <i>optional</i>	string
aldt <i>optional</i>	string(date-time)
atv <i>optional</i>	Atv
callsign <i>optional</i>	string
creationTime <i>optional</i>	string(date-time)
eibt <i>optional</i>	string(date-time)
eldt <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
gate <i>optional</i>	string
iataNumber <i>optional</i>	string
id <i>optional</i>	integer(int64)
ifplID <i>optional</i>	string
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
paxCount <i>optional</i>	integer(int32)
runway <i>optional</i>	string

Name	Schema
sibt <i>optional</i>	string(date-time)
taxiTime <i>optional</i>	integer(int64)

4.6. Atv

Name	Schema
aircraft <i>optional</i>	Aircraft
arrival <i>optional</i>	Arrival
creationTime <i>optional</i>	string(date-time)
departure <i>optional</i>	Departure
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
stand <i>optional</i>	Stand
status <i>optional</i>	enum (DBR, RDI, RPO, IBK, GOA, INI, FNL, TXI, DBC, RTN, CNX, IDH, TXO, BRD, DIV, BRC, TXOD, SCH, RDY, FIR, DEP, TMA, DEI, SBY, AIR)

4.7. Departure

Name	Schema
ades <i>optional</i>	string
airline <i>optional</i>	string
aobt <i>optional</i>	string(date-time)
atot <i>optional</i>	string(date-time)

Name	Schema
atv <i>optional</i>	Atv
callsign <i>optional</i>	string
creationTime <i>optional</i>	string(date-time)
eobt <i>optional</i>	string(date-time)
etot <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
gate <i>optional</i>	string
iataNumber <i>optional</i>	string
id <i>optional</i>	integer(int64)
ifplID <i>optional</i>	string
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
paxCount <i>optional</i>	integer(int32)
runway <i>optional</i>	string
sobt <i>optional</i>	string(date-time)
taxiTime <i>optional</i>	integer(int64)
toht <i>optional</i>	string(date-time)
transferPax <i>optional</i>	integer(int32)

4.8. EmbeddedCollection«AircraftType»

Embedded collection of AircraftType

Name	Description	Schema
aircraftTypes <i>required</i>	Resource collection	< AircraftType > array

4.9. EmbeddedCollection«Aircraft»

Embedded collection of Aircraft

Name	Description	Schema
aircrafts <i>required</i>	Resource collection	< Aircraft > array

4.10. EmbeddedCollection«Apron»

Embedded collection of Apron

Name	Description	Schema
aprons <i>required</i>	Resource collection	< Apron > array

4.11. EmbeddedCollection«Area»

Embedded collection of Area

Name	Description	Schema
areas <i>required</i>	Resource collection	< Area > array

4.12. EmbeddedCollection«Arrival»

Embedded collection of Arrival

Name	Description	Schema
arrivals <i>required</i>	Resource collection	< Arrival > array

4.13. EmbeddedCollection«Atv»

Embedded collection of Atv

Name	Description	Schema
atvs <i>required</i>	Resource collection	< Atv > array

4.14. EmbeddedCollection«Departure»

Embedded collection of Departure

Name	Description	Schema
departures <i>required</i>	Resource collection	< Departure > array

4.15. EmbeddedCollection«Equipment»

Embedded collection of Equipment

Name	Description	Schema
equipments <i>required</i>	Resource collection	< Equipment > array

4.16. EmbeddedCollection«Event»

Embedded collection of Event

Name	Description	Schema
events <i>required</i>	Resource collection	< Event > array

4.17. EmbeddedCollection«Flight»

Embedded collection of Flight

Name	Description	Schema
flights <i>required</i>	Resource collection	< Flight > array

4.18. EmbeddedCollection«GeoElement»

Embedded collection of GeoElement

Name	Description	Schema
geoElements <i>required</i>	Resource collection	< GeoElement > array

4.19. EmbeddedCollection«ModelElement»

Embedded collection of ModelElement

Name	Description	Schema
modelElements <i>required</i>	Resource collection	< ModelElement > array

4.20. EmbeddedCollection«Model»

Embedded collection of Model

Name	Description	Schema
models <i>required</i>	Resource collection	< Model > array

4.21. EmbeddedCollection«Stand»

Embedded collection of Stand

Name	Description	Schema
stands <i>required</i>	Resource collection	< Stand > array

4.22. EmbeddedCollection«Terminal»

Embedded collection of Terminal

Name	Description	Schema
terminals <i>required</i>	Resource collection	< Terminal > array

4.23. EmbeddedCollection«TraitmentEquipement»

Embedded collection of TraitmentEquipement

Name	Description	Schema
traitmentEquipements <i>required</i>	Resource collection	< TraitmentEquipement > array

4.24. Equipment

Name	Schema
active <i>optional</i>	boolean

Name	Schema
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
type <i>optional</i>	string
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)

4.25. Event

Name	Schema
active <i>optional</i>	boolean
creationTime <i>optional</i>	string(date-time)
description <i>optional</i>	string
duration <i>optional</i>	integer(int64)
element <i>optional</i>	ModelElement
id <i>optional</i>	integer(int64)
location <i>optional</i>	string
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
start <i>optional</i>	string
type <i>optional</i>	integer(int32)

Name	Schema
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)

4.26. Flight

Name	Schema
airline <i>optional</i>	string
atv <i>optional</i>	Atv
callsign <i>optional</i>	string
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
gate <i>optional</i>	string
iataNumber <i>optional</i>	string
id <i>optional</i>	integer(int64)
ifplID <i>optional</i>	string
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
paxCount <i>optional</i>	integer(int32)
runway <i>optional</i>	string
taxiTime <i>optional</i>	integer(int64)

4.27. GeoElement

Name	Schema
creationTime <i>optional</i>	string(date-time)

Name	Schema
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)

4.28. Link

Name	Schema
deprecation <i>optional</i>	string
href <i>optional</i>	string
hreflang <i>optional</i>	string
media <i>optional</i>	string
rel <i>optional</i>	string
templated <i>optional</i>	boolean
title <i>optional</i>	string
type <i>optional</i>	string

4.29. Model

Name	Schema
aircrafts <i>optional</i>	< Aircraft > array
aircrafttype <i>optional</i>	< AircraftType > array
allEvents <i>optional</i>	< Event > array

Name	Schema
atvs <i>optional</i>	< Atv > array
creationTime <i>optional</i>	string(date-time)
flights <i>optional</i>	< Flight > array
id <i>optional</i>	integer(int64)
modificationTime <i>optional</i>	string(date-time)
terminals <i>optional</i>	< Terminal > array

4.30. ModelElement

Name	Schema
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string

4.31. ResourceSupport

Name	Schema
links <i>optional</i>	< Link > array

4.32. Resources«AircraftType»

Resources of AircraftType

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection « AircraftType »
_links <i>required</i>	Link collection	< string, Link > map

4.33. Resources«Aircraft»

Resources of Aircraft

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «Aircraft»
_links <i>required</i>	Link collection	< string, Link > map

4.34. Resources«Apron»

Resources of Apron

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «Apron»
_links <i>required</i>	Link collection	< string, Link > map

4.35. Resources«Area»

Resources of Area

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «Area»
_links <i>required</i>	Link collection	< string, Link > map

4.36. Resources«Arrival»

Resources of Arrival

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «Arrival»
_links <i>required</i>	Link collection	< string, Link > map

4.37. Resources«Atv»

Resources of Atv

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «Atv»
_links <i>required</i>	Link collection	< string, Link > map

4.38. Resources«Departure»

Resources of Departure

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «Departure»
_links <i>required</i>	Link collection	< string, Link > map

4.39. Resources«Equipment»

Resources of Equipment

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «Equipment»
_links <i>required</i>	Link collection	< string, Link > map

4.40. Resources«Event»

Resources of Event

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «Event»
_links <i>required</i>	Link collection	< string, Link > map

4.41. Resources«Flight»

Resources of Flight

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «Flight»

Name	Description	Schema
_links <i>required</i>	Link collection	< string, Link > map

4.42. Resources«GeoElement»

Resources of GeoElement

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «GeoElement»
_links <i>required</i>	Link collection	< string, Link > map

4.43. Resources«ModelElement»

Resources of ModelElement

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «ModelElement»
_links <i>required</i>	Link collection	< string, Link > map

4.44. Resources«Model»

Resources of Model

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «Model»
_links <i>required</i>	Link collection	< string, Link > map

4.45. Resources«Stand»

Resources of Stand

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «Stand»
_links <i>required</i>	Link collection	< string, Link > map

4.46. Resources«Terminal»

Resources of Terminal

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «Terminal»
_links <i>required</i>	Link collection	< string, Link > map

4.47. Resources«TraitmentEquipement»

Resources of TraitmentEquipement

Name	Description	Schema
_embedded <i>required</i>		EmbeddedCollection «TraitmentEquipement»
_links <i>required</i>	Link collection	< string, Link > map

4.48. Resource«AircraftType»

Name	Schema
creationTime <i>optional</i>	string(date-time)
fullName <i>optional</i>	string
icao <i>optional</i>	string
id <i>optional</i>	integer(int64)
length <i>optional</i>	number(double)
links <i>optional</i>	< Link > array
lowCostSeats <i>optional</i>	integer(int32)
modificationTime <i>optional</i>	string(date-time)
nominalSeats <i>optional</i>	integer(int32)
type <i>optional</i>	string

Name	Schema
wingspan <i>optional</i>	number(double)

4.49. Resource«Aircraft»

Name	Schema
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
nbSeats <i>optional</i>	integer(int32)
type <i>optional</i>	AircraftType

4.50. Resource«Apron»

Name	Schema
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
stands <i>optional</i>	< Stand > array
terminal <i>optional</i>	Terminal

4.51. Resource«Area»

Name	Schema
creationTime <i>optional</i>	string(date-time)
equipments <i>optional</i>	< Equipment > array
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
nbPax <i>optional</i>	integer(int32)
traitmentEquipements <i>optional</i>	< TraitmentEquipement > array
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)

4.52. Resource«Arrival»

Name	Schema
adep <i>optional</i>	string
aibt <i>optional</i>	string(date-time)
airline <i>optional</i>	string
aldt <i>optional</i>	string(date-time)
atv <i>optional</i>	Atv
callsign <i>optional</i>	string
creationTime <i>optional</i>	string(date-time)

Name	Schema
eibt <i>optional</i>	string(date-time)
eldt <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
gate <i>optional</i>	string
iataNumber <i>optional</i>	string
id <i>optional</i>	integer(int64)
ifplID <i>optional</i>	string
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
paxCount <i>optional</i>	integer(int32)
runway <i>optional</i>	string
sibt <i>optional</i>	string(date-time)
taxiTime <i>optional</i>	integer(int64)

4.53. Resource«Atv»

Name	Schema
aircraft <i>optional</i>	Aircraft
arrival <i>optional</i>	Arrival
creationTime <i>optional</i>	string(date-time)
departure <i>optional</i>	Departure
events <i>optional</i>	< Event > array

Name	Schema
id <i>optional</i>	integer(int64)
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
stand <i>optional</i>	Stand
status <i>optional</i>	enum (DBR, RDI, RPO, IBK, GOA, INI, FNL, TXI, DBC, RTN, CNX, IDH, TXO, BRD, DIV, BRC, TXOD, SCH, RDY, FIR, DEP, TMA, DEI, SBY, AIR)

4.54. Resource«Departure»

Name	Schema
ades <i>optional</i>	string
airline <i>optional</i>	string
aobt <i>optional</i>	string(date-time)
atot <i>optional</i>	string(date-time)
atv <i>optional</i>	Atv
callsign <i>optional</i>	string
creationTime <i>optional</i>	string(date-time)
eobt <i>optional</i>	string(date-time)
etot <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
gate <i>optional</i>	string
iataNumber <i>optional</i>	string

Name	Schema
id <i>optional</i>	integer(int64)
ifplID <i>optional</i>	string
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
paxCount <i>optional</i>	integer(int32)
runway <i>optional</i>	string
sobt <i>optional</i>	string(date-time)
taxiTime <i>optional</i>	integer(int64)
tobt <i>optional</i>	string(date-time)
transferPax <i>optional</i>	integer(int32)

4.55. Resource«Equipment»

Name	Schema
active <i>optional</i>	boolean
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
type <i>optional</i>	string

Name	Schema
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)

4.56. Resource«Event»

Name	Schema
active <i>optional</i>	boolean
creationTime <i>optional</i>	string(date-time)
description <i>optional</i>	string
duration <i>optional</i>	integer(int64)
element <i>optional</i>	ModelElement
id <i>optional</i>	integer(int64)
links <i>optional</i>	< Link > array
location <i>optional</i>	string
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
start <i>optional</i>	string
type <i>optional</i>	integer(int32)
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)

4.57. Resource«Flight»

Name	Schema
airline <i>optional</i>	string

Name	Schema
atv <i>optional</i>	Atv
callsign <i>optional</i>	string
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
gate <i>optional</i>	string
iataNumber <i>optional</i>	string
id <i>optional</i>	integer(int64)
ifplID <i>optional</i>	string
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
paxCount <i>optional</i>	integer(int32)
runway <i>optional</i>	string
taxiTime <i>optional</i>	integer(int64)

4.58. Resource«GeoElement»

Name	Schema
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)

Name	Schema
name <i>optional</i>	string
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)

4.59. Resource«ModelElement»

Name	Schema
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string

4.60. Resource«Model»

Name	Schema
aircrafts <i>optional</i>	< Aircraft > array
aircrafttype <i>optional</i>	< AircraftType > array
allEvents <i>optional</i>	< Event > array
atvs <i>optional</i>	< Atv > array
creationTime <i>optional</i>	string(date-time)
flights <i>optional</i>	< Flight > array
id <i>optional</i>	integer(int64)
links <i>optional</i>	< Link > array

Name	Schema
modificationTime <i>optional</i>	string(date-time)
terminals <i>optional</i>	< Terminal > array

4.61. Resource«Stand»

Name	Schema
apron <i>optional</i>	Apron
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
size <i>optional</i>	number(double)
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)

4.62. Resource«Terminal»

Name	Schema
aprons <i>optional</i>	< Apron > array
areas <i>optional</i>	< Area > array
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)

Name	Schema
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)

4.63. Resource«TraitmentEquipement»

Name	Schema
active <i>optional</i>	boolean
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
inFlow <i>optional</i>	integer(int32)
links <i>optional</i>	< Link > array
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
outFlow <i>optional</i>	integer(int32)
type <i>optional</i>	string
waitingTime <i>optional</i>	integer(int64)
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)

4.64. Stand

Name	Schema
apron <i>optional</i>	Apron
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
size <i>optional</i>	number(double)
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)

4.65. Terminal

Name	Schema
aprons <i>optional</i>	< Apron > array
areas <i>optional</i>	< Area > array
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)

4.66. TraitmentEquipement

Name	Schema
active <i>optional</i>	boolean
creationTime <i>optional</i>	string(date-time)
events <i>optional</i>	< Event > array
id <i>optional</i>	integer(int64)
inFlow <i>optional</i>	integer(int32)
modificationTime <i>optional</i>	string(date-time)
name <i>optional</i>	string
outFlow <i>optional</i>	integer(int32)
type <i>optional</i>	string
waitingTime <i>optional</i>	integer(int64)
x <i>optional</i>	number(double)
y <i>optional</i>	number(double)