AirlineControllerService API :

1.

@Path("getAirlines")

@GET

@Produces(MediaType.APPLICATION\_JSON)

public List<Airline> getAllAirlines()

return type : JSON.

URL : <http://localhost:8080/airlinesWebApp/rs/airline/getAirlines>

Note : it will return all airlines in the database.

2.

@Path("getAirlineByName")

@POST

@Produces(MediaType.APPLICATION\_JSON)

public Airline getAirpline(@FormParam("name") String name)

return type : JSON.

URL : [http://localhost:8080/airlinesWebApp/rs/airline/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)getAirlineByName

NOTE : return an airline by the name.

POST

3.

@Path("create")

@POST

@Consumes(MediaType.APPLICATION\_JSON)

public void create(Airline airline)

JSON

URL : [http://localhost:8080/airlinesWebApp/rs/airline/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)create

NOTE : It can create an airline in dataBase.

POST

4.

@Path("delete/{id}")

@GET

public void delete(@PathParam("id") long id)

VOID

URL : [http://localhost:8080/airlinesWebApp/rs/airline/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)delete/${id}

NOTE : it will use id to search the airline in the dataBase and delete.

GET

5.

@Path("update/{id}/{name}")

@GET

@Produces(MediaType.APPLICATION\_JSON)

public void update(@PathParam("id") long id, @PathParam("name") String name)

JSON

URL : [http://localhost:8080/airlinesWebApp/rs/airline/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)update/${id}/${name}

NOTE : can update airline

6.

@Path("find/{id}")

@GET

@Produces(MediaType.APPLICATION\_JSON)

public Airline find(@PathParam("id") long id)

URL : [http://localhost:8080/airlinesWebApp/rs/airline/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)find/${id}

NOTE : find an airline by id.

AirlineControllerService API :

1.

@Path("getAirplanes")

@GET

@Produces(MediaType.APPLICATION\_JSON)

public List<Airplane> getAllAirplanes()

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)airplane/getAirplanes

NOTE : find all airplanes.

2.

@Path("create")

@POST

@Consumes

public void create(Airplane airplane)

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)airplane/create

NOTE : create an airplane

3.

@Path("delete/{id}")

@GET

public void delete(@PathParam("id") long id)

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)airplane/delete/${id}

NOTE : delete an airplane by id.

4.

@Path("update/{id}/{serialnr}/{model}/{capacity}")

@GET

@Produces(MediaType.APPLICATION\_JSON)

public void update(@PathParam("id") long id,

@PathParam("serialnr") String serialnr,

@PathParam("model") String model,

@PathParam("capacity") int capacity)

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)airplane/update/${id}/${serialnr}/${model}/${capacity}

NOTE : update an airplane in dataBase.

5.

@Path("find/{id}")

@GET

@Produces(MediaType.APPLICATION\_JSON)

public Airplane find(@PathParam("id") long id)

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)airplane/find/${id}

NOTE : find an airplane by id.

AirportControllerService API :

1.

@Path("getAirports")

@GET

@Produces(MediaType.APPLICATION\_JSON)

public List<Airport> getAllAirports()

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)airport/getAirports

NOTE : get all airports.

2.

@Path("create")

@POST

@Consumes

public void create(Airport airport)

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)airport/create

NOTE : create an airport in dataBase.

3.

@Path("delete/{id}")

@GET

public void delete(@PathParam("id") long id)

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)airport/delete/${id}

NOTE : delete an airport in dataBase.

4.

@Path("update/{id}/{airportcode}/{name}/{city}/{country}")

@GET

@Produces(MediaType.APPLICATION\_JSON)

public void update(@PathParam("id") long id,

@PathParam("airportcode") String airportcode,

@PathParam("name") String name,

@PathParam("city") String city,

@PathParam("country") String country)

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)airport/update/${id}/${airportcode}/${name}/${city}/${country}

NOTE : update an airport in dataBase.

5.

@Path("find/{id}")

@GET

@Produces(MediaType.APPLICATION\_JSON)

public Airport find(@PathParam("id") long id)

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)airport/find/${id}

NOTE : find an airport in dataBase.

FlightControllerService API :

1.

@Path("getFlights")

@GET

@Produces(MediaType.APPLICATION\_JSON)

public List<Flight> getAllFlights()

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)flights/getFlights

NOTE : get all fights in dataBase.

2.

@Path("update/{id}/{flightnr}／{departureDate}/{departureTime}/{arrivalDate}/{arrivalTime}")

@GET

@Produces(MediaType.APPLICATION\_JSON)

public void update(@PathParam("id") long id,

@PathParam("flightnr") String flightnr,

@PathParam("departureDate") String departureDate,

@PathParam("departureTime") String departureTime,

@PathParam("arrivalDate") String arrivalDate,

@PathParam("arrivalTime") String arrivalTime)

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)flights/update/${id}/${flightnr}／${departureDate}/${departureTime}/${arrivalDate}/${arrivalTime}

NOTE : update a flight.

3.

@Path("find/{id}")

@GET

@Produces(MediaType.APPLICATION\_JSON)

public Flight find(@PathParam("id") long id)

URL : [http://localhost:8080/airlinesWebApp/rs/](http://localhost:8080/airlinesWebApp/rs/airline/getAirlines)flights/find/${id}

NOTE : find a flight by id.