

convection_cells
id [INTEGER]
latitude [DOUBLE PRECISION]
longitude [DOUBLE PRECISION]
radius [DOUBLE PRECISION]
timestamp [TIMESTAMP WITHOUT TIME ZONE]

airlines
id [INTEGER]
icao_code [VARCHAR(3)]
name [VARCHAR]
country [VARCHAR]

airports
id [INTEGER]
icao_code [VARCHAR(4)]
iata_code [VARCHAR(3)]
name [VARCHAR]
latitude [NUMERIC]
longitude [NUMERIC]
altitude [NUMERIC]
country [VARCHAR]

airplanes
id [INTEGER]
icao_code [VARCHAR(6)]
airline_id [INTEGER]
manufacturer [VARCHAR]
model [VARCHAR]

flight_plans
id [INTEGER]
callsign [VARCHAR]
departure_airport_id [INTEGER]
destination_airport_id [INTEGER]

flights
id [INTEGER]
created_date [TIMESTAMP WITHOUT TIME ZONE]
airplane_id [INTEGER]
flight_plan_id [INTEGER]

flight_locations
id [INTEGER]
timestamp [TIMESTAMP WITHOUT TIME ZONE]
longitude [NUMERIC]
latitude [NUMERIC]
altitude [NUMERIC]
speed [NUMERIC]
flight_id [INTEGER]

0..N {0,1}

0..N {0,1}

0..N {0,1}

0..N {0,1}

0..N {0,1}