Duffel API Walkthrough

**Header Configuration**

Duffel API utilizes an auth token under the bearer notation:

A screenshot of a computer

Description automatically generated

And also requires a Duffel-version header field:

A screen shot of a computer program

Description automatically generated

**Query Process**

To submit a flight order and purchase tickets, you must:

Flight Offer Requests -> Flight Offer Confirmation -> Create Order

Flight Offer Requests

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Description automatically generated*

**Query Path:** https://api.duffel.com/air/offer\_requests

**Method:** POST

**Query Params:** JSON encapsulated under “data”

Key JSON fields:

*- cabin\_class (string enum):* first/business/premium\_economy/economy

*- max\_connections (integer):* Number of connections per slice of an offer

*- slices (REQUIRED, list):* The slices that make up the request. Slices encompass a section of the flight from one location to another.

* *origin (REQUIRED, string*): 3 Letter IATA Code (Airport code)
* *destination (REQUIRED, string)*: 3 Letter IATA Code (Airport code)
* *departure\_date (REQUIRED, date)*: “YYYY-MM-DD”
* *arrival\_time (nullable, object)*: Holds a time range for a wanted arrival time:

{

“to”: “hh:mm”,

“from”: “hh:mm”

}

* *departure\_time (nullable, object):* Holds a time range for a wanted departure time, same format as arrival\_time

*- passengers (REQUIRED, list):* JSON list denoting passenger info

* *origin (REQUIRED, string*): 3 Letter IATA Code (Airport code)