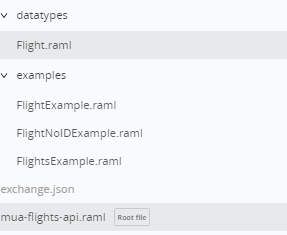
MUA-Flights\_API



**mua-flights-api.raml**

#%RAML 1.0

title: MUA Flights API

version: 1.0

types:

  Flight: !include datatypes/Flight.raml

/flights:

  get:

    displayName: Get flights

    queryParameters:

      code:

        displayName: Destination airport code

        required: false

        enum:

          - SFO

          - LAX

          - PDX

          - CLE

          - PDF

      airline:

        displayName: Airline

        required: false

        enum:

          - united

          - delta

          - american

    responses:

      200:

        body:

          application/json:

            type: Flight[]

            examples:

              output: !include examples/FlightsExample.raml

  post:

    body:

      application/json:

        type: Flight

        examples:

          input: !include examples/FlightNoIDExample.raml

    responses:

      201:

        body:

          application/json:

            example:

              message: Flight added (but not really)

**Flight.raml**

#%RAML 1.0 DataType

type: object

properties:

  ID?: integer

  airline: string

  flightCode: string

  fromAirportCode: string

  toAirportCode: string

  departureDate: string

  emptySeats: integer

  totalSeats?: integer

  price: number

  planeType?: string

**FlightExample.raml**

#%RAML 1.0 NamedExample

value:

  ID: 1

  airline: Delta

  flightCode: ER0945

  fromAirportCode: PDX

  toAirportCode: CLE

  departureDate: June 1, 2016

  emptySeats: 24

  totalSeats: 350

  price: 450

  planeType: Boeing 747

**FlightNoIDExample.raml**

#%RAML 1.0 NamedExample

value:

  airline: Delta

  flightCode: ER0945

  fromAirportCode: PDX

  toAirportCode: CLE

  departureDate: June 1, 2016

  emptySeats: 24

  totalSeats: 350

  price: 450

  planeType: Boeing 747

**FlightsExample.raml**

#%RAML 1.0 NamedExample

value:

  -

    airline: United

    flightCode: ER38sd

    fromAirportCode: LAX

    toAirportCode: SFO

    departureDate: May 21, 2016

    emptySeats: 0

    totalSeats: 200

    price: 199

    planeType: Boeing 737

  -

    airline: Delta

    flightCode: ER0945

    fromAirportCode: PDX

    toAirportCode: CLE

    departureDate: June 1, 2016

    emptySeats: 24

    totalSeats: 350

    price: 450

    planeType: Boeing 747