Amadeus for Developers

ΑΜΑΔΕUS

Cheat sheet

developers.amadeus.com

@ developers@amadeus.com

GETTING STARTED

1 Go to developers.amadeus.com and **Register**

2 Verify your account and **Sign in**

3 Go to My Self-Service Workspace and **Create New App**

4 Get your API Key and the API Secret linked to your app

5 Request an access token (See Requesting an access token).

6 Call the APIs by adding the header:

```
Authorization: Bearer access_token
```

REQUESTING AN ACCESS TOKEN

REQUEST

Send a POST request to:

```
https://test.api.amadeus.com/v1/security/oauth2/token
```

Adding the header:

```
Content-Type: application/x-www-form-urlencoded
```

And the body:

```
grant_type=client_credentials&client_id=API_Key&client_secret=API_Secret
```

RESPONSE `access_token` Note: valid 30 mins.

API BASE URL: `https://test.api.amadeus.com`

Flight Low-fare Search
I know where I want to fly, the dates and duration, what are the best flight deals?

`GET /v1/shopping/flight-offers` `?origin=PAR&destination=LON&departureDate=2018-09-25&returnDate=2018-09-28`

Flight Inspiration Search
Where can I fly from/to Delhi in the next months for $400?

`GET /v1/shopping/flight-destinations` `?origin=DEL&maxPrice=400`

Flight Cheapest Date Search
When is the cheapest date to fly to San Francisco from Miami?

`GET /v1/shopping/flight-dates` `?origin=MIA&destination=SFO`

Flight Check-in Links
What is the URL to my online check-in?

`GET /v2/reference-data/urls/checkin-links` `?airline=IB`

Flight Most Searched Destinations
Which were the most searched destinations from Nice in June 2017?

`GET /v1/travel/analytics/fare-searches` `?origin=NCE&sourceCountry=FR&period=2017-06`

Flight Most Traveled Destinations
Where were people flying to the most from London in September 2017?

`GET /v1/travel/analytics/air-traffic/traveled` `?origin=LON&period=2017-09`

Flight Most Booked Destinations
Where were the most number of bookings made to from Bangalore last November?

`GET /v1/travel/analytics/air-traffic/booked` `?origin=BLR&period=2017-11`

Flight Busiest Traveling Period
What was the busiest travel period for New York, based on either arrivals or departures?

`GET /v1/travel/analytics/air-traffic/busiest-period` `?cityCode=NYC&period=2017&direction=ARRIVING`

Airport Nearest Relevant
What relevant airports are there around a specific location?

`GET /v1/reference-data/locations/airports` `?latitude=49.0000&longitude=2.55&sort=relevance`

Airport & City Search
Which cities and/or airports start with 'PA' characters?

`GET /v1/reference-data/locations` `?subType=AIRPORT,CITY&keyword=PAR&countryCode=FR`

Airline Code Lookup
Which airline has IATA code BA?

`GET /v1/reference-data/airlines` `?IATACode=BA`

Hotel Search
What are the best hotel offers during my trip to London?

`GET /v1/shopping/hotel-offers` `?cityCode=LON`