Amadeus for Developers

aMaDEUS

Cheat sheet

SDKs

developers.amadeus.com / developers@amadeus.com

github.com/amadeus4dev

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

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

GET /v1/shopping/flight-destinations ?origin=MAD

Flight Cheapest Date Search
When is the cheapest date to fly to London from Madrid?

GET /v1/shopping/flight-dates ?origin=MAD&destination=LON

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=2019-07-25&returnDate=2019-07-28

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

GET /v1/travel/analytics/air-traffic/searched ?origin=NCE&sourceCountry=FR&period=2017-06

Flight Most Traveled Destinations
Where were people flying to from Madrid in the January 2017?

GET /v1/travel/analytics/air-traffic/traveled ?originCityCode=MAD&period=2017-01

Flight Most Booked Destinations
What were the top destinations people booked flights to from MAD in August 2017?

GET /v1/travel/analytics/air-traffic/booked ?originCityCode=MAD&period=2017-08

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

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

GET /v2/reference-data/urls/checkin-links ?airlineCode=BA

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

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

Airport & City Search
Which cities or airports start with 'LON'?

GET /v1/reference-data/locations ?subType=AIRPORT,CITY&keyword=LON

Airline Code Lookup
Which airline has IATA code BA?

GET /v1/reference-data/airlines ?airlineCodes=BA

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

GET /v2/shopping/hotel-offers ?cityCode=LON

Points of Interest
What are the coolest places to visit during my stay in Barcelona?

GET /v1/reference-data/locations/pois ?latitude=41.397158&longitude=2.160873

Flight Choice Prediction
What is the probability that the traveler will choose one flight offer over the other?

POST /v1/shopping/flight-offers/prediction Send the output of Flight Low-fare Search API as the body input for this request.