

# Cheat sheet

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SDKs



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## GETTING STARTED

- 1 Go to [developers.amadeus.com](https://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 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 Madrid from New York?

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

### 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 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