



User Guide

Open Data API Integration

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Introduction



Introduction

- This document provides details of Swagger API developed for Ministry of transportation and logistics services (MoTLS) open data. This guide describe the Requests and response for the service methods.

- **MoTLS Open Data APIs:**

GetAllData

Retrieve all records in the dataset

GetFilteredData

Retrieve specific number of records from the dataset

- **API Path (Swagger):**

<https://api.mot.gov.sa/swagger/ui/index#/OpenData>





02



Service Methods

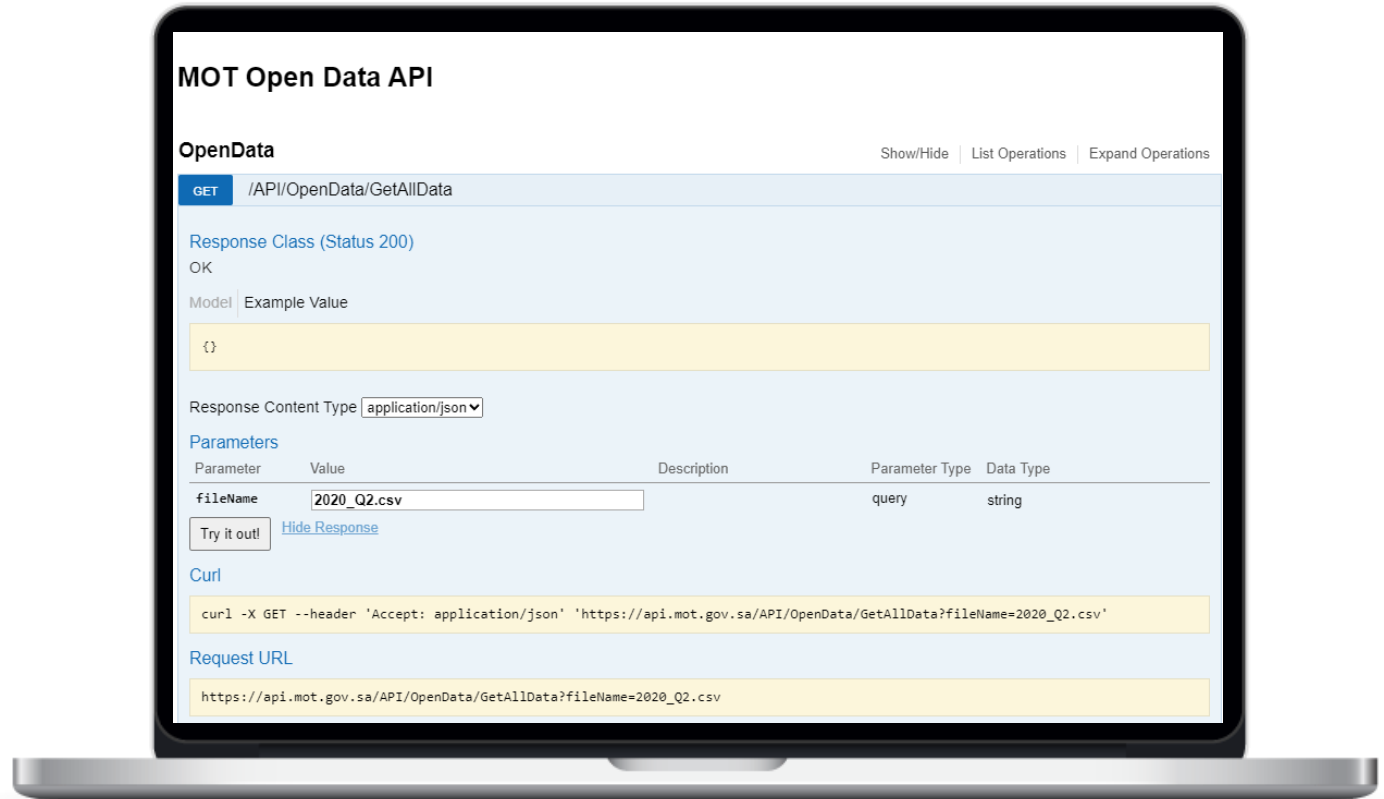


2.1 Get All Data

1. Request

Parameter Description

Type	POST
Parameter Name	fileName
Data Type	String

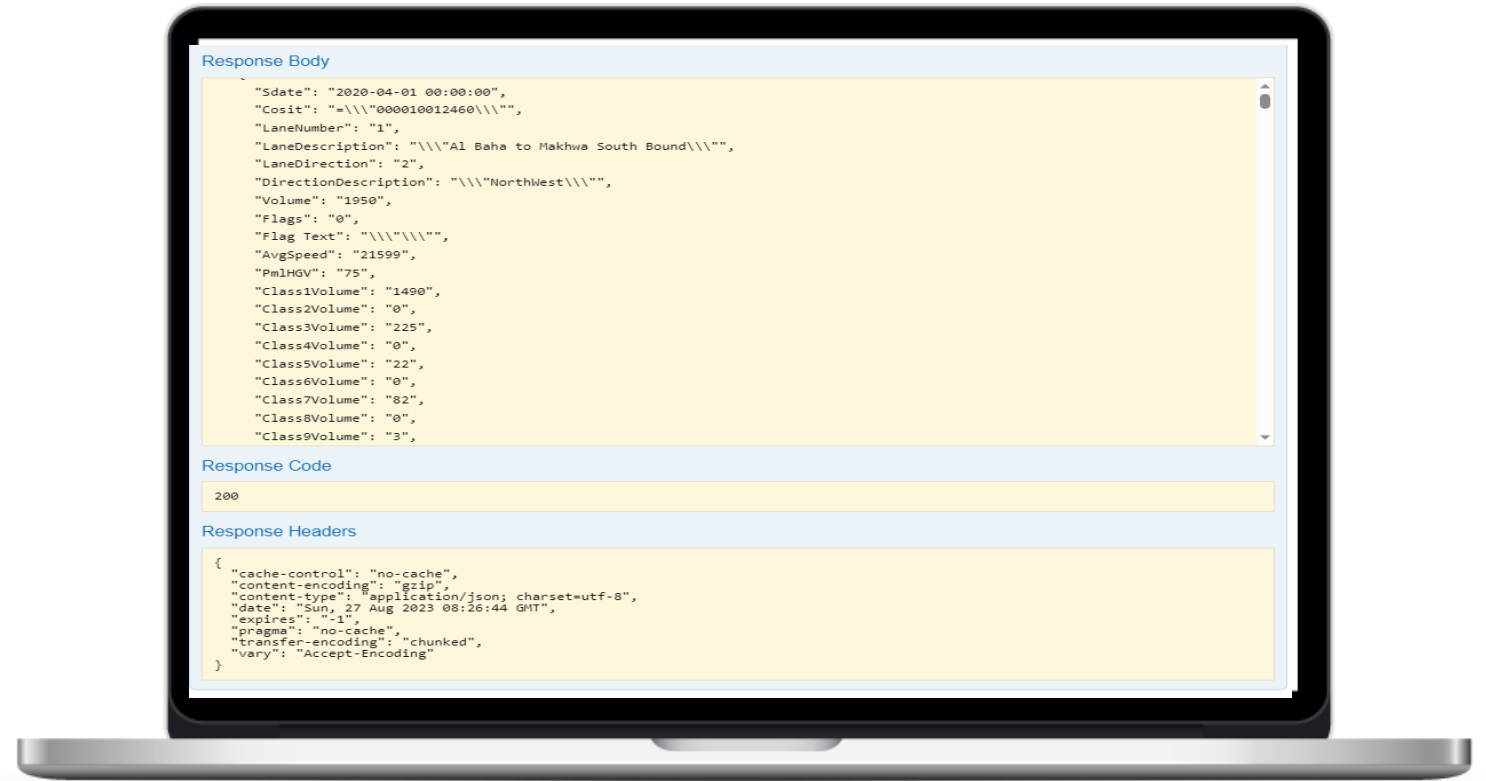


Sample of Swagger request



2.1 Get All Data

2. Response



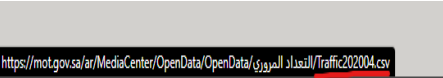
Sample of Swager response

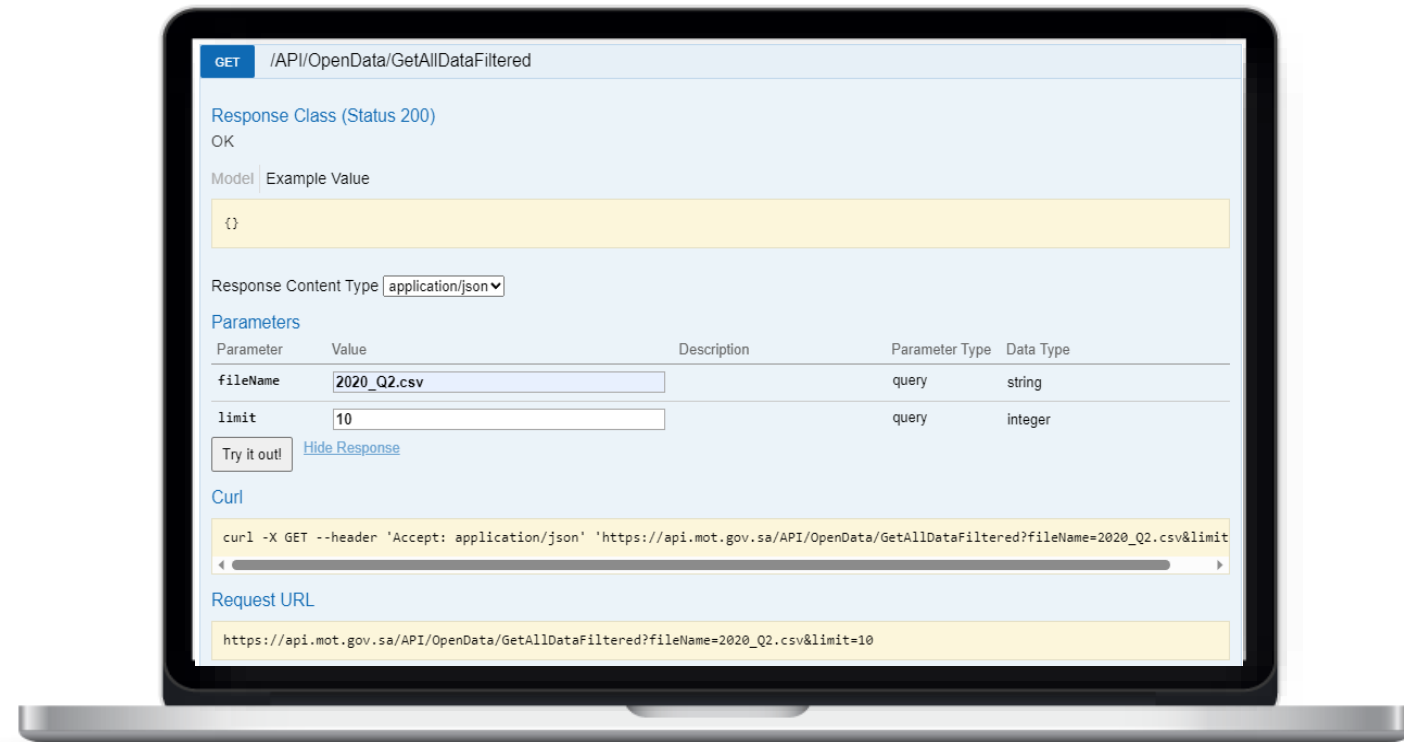


2.2 Get Filtered Data

1. Request

Parameter Description

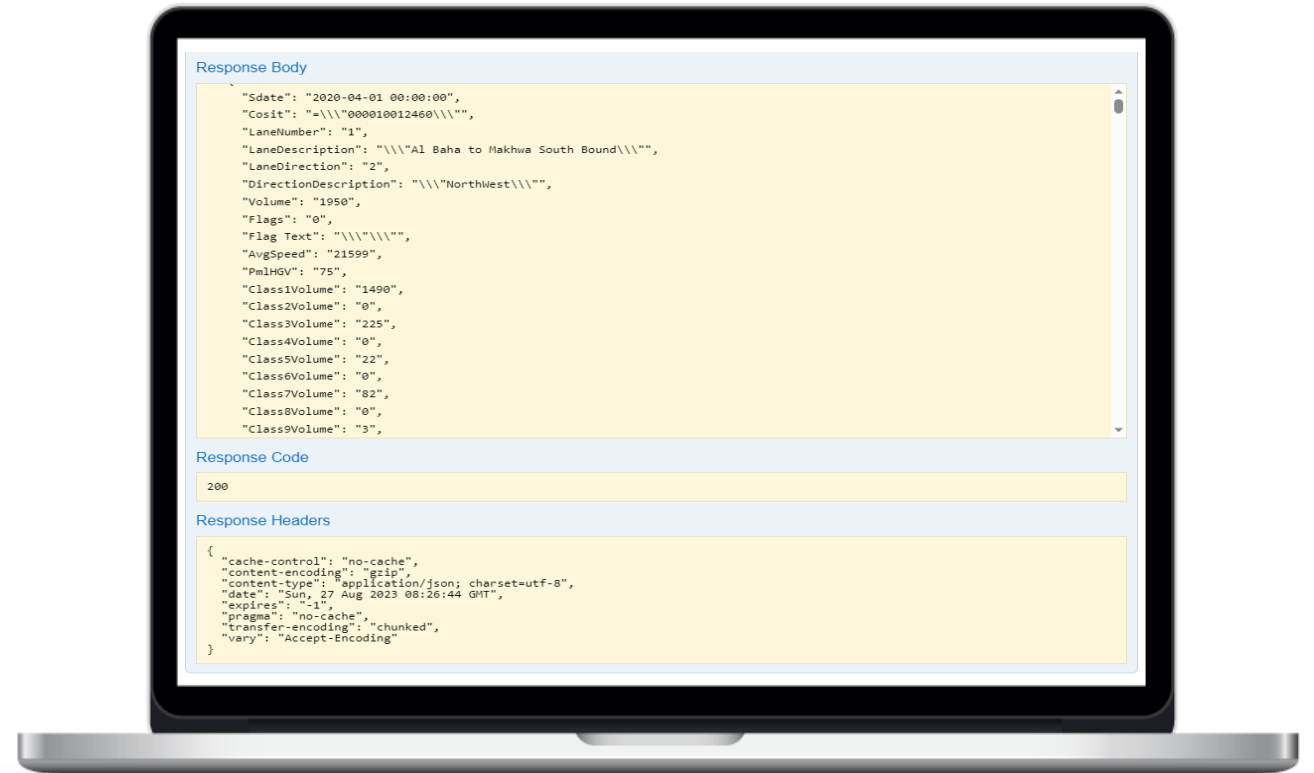
Type	POST
Parameter Name	fileName
Data Type	Integer
Description	<p>Extract a file name from :</p> <p>https://mot.gov.sa/ar/MediaCenter/OpenData/Pages/default.aspx#/opendata</p> <ol style="list-style-type: none">1. Choose category. For example: التعداد المروري2. Choose which the file you wanted from "اسم الملف", for example: التعداد المروري من شهر ابريل الى شهر يونيو 2019-3. Under colum downloads "تحميل"4. Moseover at file icon5. filename like: Traffic202004.csv  <p>https://mot.gov.sa/ar/MediaCenter/OpenData/OpenData/التعداد المروري/Traffic202004.csv</p>



Sample of Swager request

2.2 Get Filtered Data

2. Response



Sample of Swager response





03



Glossary



3.1 Conventions

1

Client - Client application.

2

Status - HTTP status code of response.

3

All the possible responses are listed under 'Responses' for each method. Only one of them is issued per request server.

4

All response are in xml format.

5

All request parameters are mandatory unless explicitly marked as [optional]

6

The type of values accepted for a *request* parameter are shown the values column like this [10|<any number>]. The | symbol means *OR*. If the parameter is [optional], the default value is shown in blue bold text, as 10 is written in [10|<any number>].



3.2 Status Code

All status codes are standard HTTP status codes.
The below ones are used in this API.

2XX - Success of some kind

4XX - Error occurred in client's part

5XX - Error occurred in server's part

Status Code	Description
200	OK
201	Created
202	Accepted (Request accepted, and queued for execution)
400	Bad request
401	Authentication failure
403	Forbidden
404	Resource not found
405	Method Not Allowed
409	Conflict
412	Precondition Failed
413	Request Entity Too Large
415	Unsupported Media Type
500	Internal Server Error
501	Not Implemented
503	Service Unavailable



Thank You

رسمنا الطريق،
وللمستقبل وجهتنا

