

## Files

The Files API contains the operations returning the different files dataset.

- **GTFS:**

The General Transit Feed Specification (GTFS) defines a common format for public transportation schedules and associated geographic information. GTFS "feeds" allow public transit agencies to publish their static transit data and developers to write applications that consume that data in an interoperable way.

You can read more about the GTFS at <https://developers.google.com/transit/gtfs/>

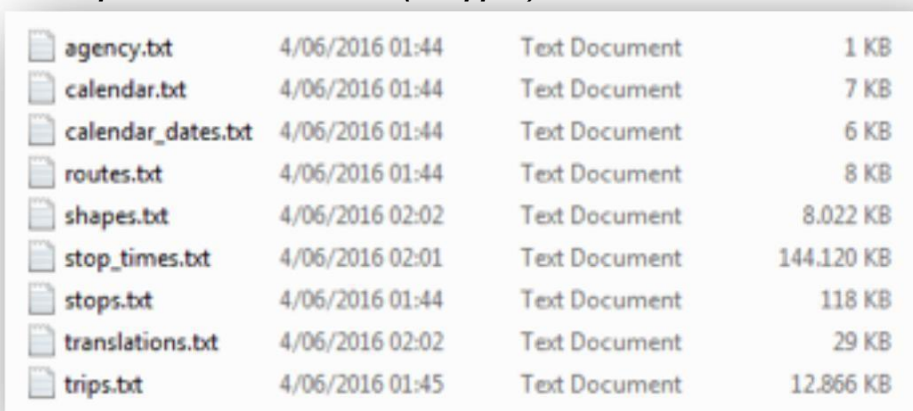
The GTFS files are zipped within a file with a size of about 25 Mb. The GTFS files are updated every two weeks. You only need to download this file every 2 weeks to always be up to date.

<b>Endpoint</b>	<b><a href="https://opendata-api.stib-mivb.be/Files/2.0/Gtfs">https://opendata-api.stib-mivb.be/Files/2.0/Gtfs</a></b>
<b>Method</b>	GET
<b>MimeType</b>	application/zip
<b>Returned value</b>	a stream to download the GTFS.ZIP file

### 1. Sample with CURL

- `curl -k -X GET --header "Accept: application/zip" --header "Authorization: Bearer b2ba6c7a35d667564ffa2765aec6ea07" -o ./gtfs.zip "https://opendata-api.stib-mivb.be/Files/2.0/Gtfs"`
- This sample will download the gtfs.zip file to the current folder
- Replace the sample token by your own token

### 2. Sample of the download file (unzipped)



agency.txt	4/06/2016 01:44	Text Document	1 KB
calendar.txt	4/06/2016 01:44	Text Document	7 KB
calendar_dates.txt	4/06/2016 01:44	Text Document	6 KB
routes.txt	4/06/2016 01:44	Text Document	8 KB
shapes.txt	4/06/2016 02:02	Text Document	8.022 KB
stop_times.txt	4/06/2016 02:01	Text Document	144.120 KB
stops.txt	4/06/2016 01:44	Text Document	118 KB
translations.txt	4/06/2016 02:02	Text Document	29 KB
trips.txt	4/06/2016 01:45	Text Document	12.866 KB

#### **4. Comments**

There are several ways to check the validity date of a GTFS:

- By using a GTFS content browsing tool such as transitfeed.
  - **Feedvalidator**: validates and gives the validity dates of the data.
  - **Schedule\_viewer**: browses visually the content of the file and thus it is easy to see over which period of time the journeys are spread out.
- By using the planning data: the date of the last journey can be found via the « calendar.txt » file.