

Antoine Augusti - Senior Software Engineer
at transport.data.gouv.fr

→ Previously worked in Montréal, CA at the
Canadian Digital Service and the
FR Prime Minister services (data policy
and data-driven products)



French national access point missions

- Encourage the use of **sustainable mobility solutions**
- Raise **awareness and encourage data producers** to open their data
- **Make life easier for data reusers** (discoverable & high quality data)
- **Be an intermediary** between producers and reusers of the data.
- Comply with the **European directive** (late 2019 in France)

The screenshot displays the homepage of the French national access point for transport data. At the top, the title reads "French national access point to transport data". Below this, there is a search bar with the placeholder text "Search data for a region, a city, a network..." and an example search term "ex: Nouvelle-Aquitaine". A section titled "You can also" offers three options: "Use the map", "Use our APIs", and "See newly added datasets". The main content area features a horizontal banner with illustrations of various transport modes: a train, a tram, a dog, a person on a bicycle, and a car. Below the banner, three key service pillars are highlighted in white boxes: "A freely accessible service", "ALL French open mobility data at the same place" (with sub-points for "Selected formats" and "Selected licences"), and "Online tools to ease data reuses". The bottom section, titled "Available data by theme", lists six categories with their respective dataset counts: Public transit - static schedules (320 datasets), Public transport - realtime traffic (69 datasets), Long distance coach (5 datasets), Rail transport (13 datasets), Sea and river transport (11 datasets), and Air transport (2 datasets).

Available data by theme



Public transit - static schedules

326 datasets



Public transport - realtime traffic

71 datasets



Long distance coach

5 datasets



Rail transport

15 datasets



Sea and river transport

14 datasets



Air transport

2 datasets



Bike and scooter sharing

43 datasets



Bike networks

10 datasets



Bike parking

6 datasets



Road data

5 datasets



Low emission zones

13 datasets



Carpooling areas

1 dataset



Charging & refuelling stations

4 datasets



Private parking

1 dataset



Locations

4 datasets



Visualising and validating data

GTFS-RT feed content

Entities

Entities present in this feed at 2022-04-07 at 11:00 Europe/Paris.

[service_alerts \(5\)](#) [trip_updates \(0\)](#) [vehicle_positions \(0\)](#)

Entities seen in the last 7 days.

[service_alerts](#)

Service alerts

Here is a display of service alerts contained in this feed at 2022-04-07 at 11:00 Europe/Paris.

Ligne 3, déviation les mardis matins [Detour](#)

Ligne 3 Déviation les mardis matin 29/03 et 5,12 et 19/04 jusqu'à 14h00 Travaux secteur Saint Marc, Arrêt Dixmude non desservi direction Océanopolis Arrêt de report: Brazza

Between 2022-03-23 at 08:00 Europe/Paris and 2022-04-22 at 18:00 Europe/Paris

[See details](#)


Ligne 3, déviation secteur Saint Marc [Detour](#)

Ligne 3 Travaux secteur Saint Marc à partir du 24/03/22, pour un mois Arrêts Dixmude et Brazza non desservis direction Océanopolis Arrêts de report: Maleysie et Saint Marc (sauf les mardis matin [Marché de St Marc])

Between 2022-03-23 at 08:00 Europe/Paris and 2022-04-22 at 20:00 Europe/Paris


[See details](#)

Download availability



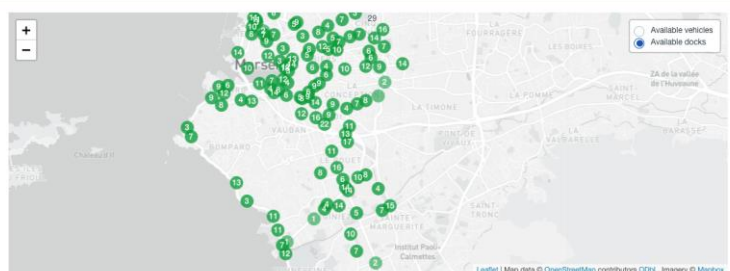
[Learn more](#)

Stops and routes visualization of the GTFS file



Visualising and validating data

Visualization



Real-time visualization of "Point d'accès informations GBFS".

Real time resources



Point d'accès informations GBFS
🔄 real-time 🕒 60s
📊 100%

No error detected during validation

Version 1.1
gbfs [Download](#)

MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE
Zohair Hamani

transport.data.gouv.fr

Documentation Tools Producer infos Regulation Blog Antoine Augusti  

Check the quality of a file or a feed

Data type
GTFS-RT

Your GTFS' URL
<https://example.com/gtfs.zip>

Your GTFS realtime's URL
<https://example.com/gtfs-rt.bin>

[Validate](#)

Why we're choosing open source

- **Public money, public code** principle. We work in the open.
- Small team, small budget, high impact.
- Be an active player in the ecosystem.
- Use **industry-recognized** tools.
- Importance of **accountability** as a national gov.

Our open source usage

- transport-site: our platform in Elixir (90 stars, 23 contributors)
- GTFS validator and its dependencies in Rust
- A lot of things from MobilityData : GBFS, GTFS-RT, GTFS, documentation and specifications
- TableSchema and JSON Schema schemas, leveraging schema.data.gouv.fr
- Collaborative data creation tooling (carpool places, schemas)

Thanks!

