

PETI public APIs

PETI Public APIs (Integration Guide)

This document describes the public PETI APIs intended for third-party integration, including endpoints, request formats, supported filters, and content types.

Overview

PETI provides two ways to access data:

1. **PETI Read API (real-time)**
Query stop data with optional filters. Data is updated in real time.
 2. **Kooste static datasets (daily)**
Bulk downloadable files updated once per day.
-

1) PETI Read API (Real-time)

Purpose

Read PETI stop data with real-time updates. Supports filtering by `transportModes` and `areaCodes`.

Environments / Base URLs

- **Test:** `https://peti-test.fintraffic.fi/api/fintraffic/v1/stops`
- **Production:** `https://peti.fintraffic.fi/api/fintraffic/v1/stops`

Request

HTTP method

- GET

Query parameters (optional)

- `transportModes`
Comma-separated list of transport modes.

- `areaCodes`
Comma-separated list of TVV codespace identifiers (three uppercase letters).

If no query parameters are provided, the API returns **all data**.

Supported `transportModes` values

- `air`
- `bus`
- `coach`
- `ferry`
- `metro`
- `rail`
- `trolleyBus`
- `tram`
- `water`
- `cableway`
- `funicular`
- `lift`
- `other`

`areaCodes` format

- TVV codespaces: **three uppercase letters** (example: HSL, FÖL).
- Multiple values: comma-separated (example: `areaCodes=HSL,FÖL`).

Example requests

- All data:
`GET https://peti.fintraffic.fi/api/fintraffic/v1/stops`
- Filter by multiple area codes:
`GET https://peti.fintraffic.fi/api/fintraffic/v1/stops?areaCodes=HSL,FÖL`
- Filter by multiple transport modes and area codes:
`GET https://peti.fintraffic.fi/api/fintraffic/v1/stops?transportModes=rail,bus&areaCodes=HSL,FÖL`

Responses (typical)

- 200 OK
Content-Type: application/xml; charset=utf-8
 - 400 Bad Request (invalid parameter values)
 - 5xx (transient server errors)
-

2) Kooste Static Datasets (Daily)

Purpose

Download prepackaged static datasets for bulk/offline use. Updated once per day.

Environments / Base URLs

- **Test:** `https://rae-test.fintraffic.fi/kooste`
- **Production:** `https://rae.fintraffic.fi/kooste`

Access method

- HTTP download (GET) of dataset files from the base URL.

Data freshness

- Updated once per day.

Content types

- Request header (recommended): `Accept: application/zip`
- Response header (typical): `Content-Type: application/zip`

Example requests

- PETI-all-GTFS.zip:
`GET https://rae-test.fintraffic.fi/exports/PETI-all-GTFS.zip`
- PETI-all-NeTEx.zip:
`GET https://rae-test.fintraffic.fi/exports/PETI-all-NeTEx.zip`
- PETI-rail-NeTEx.zip:
`GET https://rae-test.fintraffic.fi/exports/PETI-rail-NeTEx.zip`

Responses (typical)

- 200 OK (*.zip)
- 404 Not Found (unknown file)
- 5xx (transient server errors)