Fleetio-Smartcar Integration Setup Guide

Fleetio-Smartcar Integration Tutorial

This tutorial will guide you through setting up the Fleetio-Smartcar Integration, which syncs your vehicle data (such as odometer readings) automatically from Smartcar to Fleetio. This integration keeps vehicle data accurate for maintenance tracking.

Requirements

Smartcar: Ensure your Smartcar account is connected to your vehicle(s), such as those in the Toyota app.

Fleetio: API access for syncing data.

Python: Installed on your system (3.6+).

Git: Recommended for version control.

API Credentials: Generate Smartcar and Fleetio API keys.

Step-by-Step Guide

Step 1 - Clone the Project

Download the Project:

Open your command prompt or terminal.

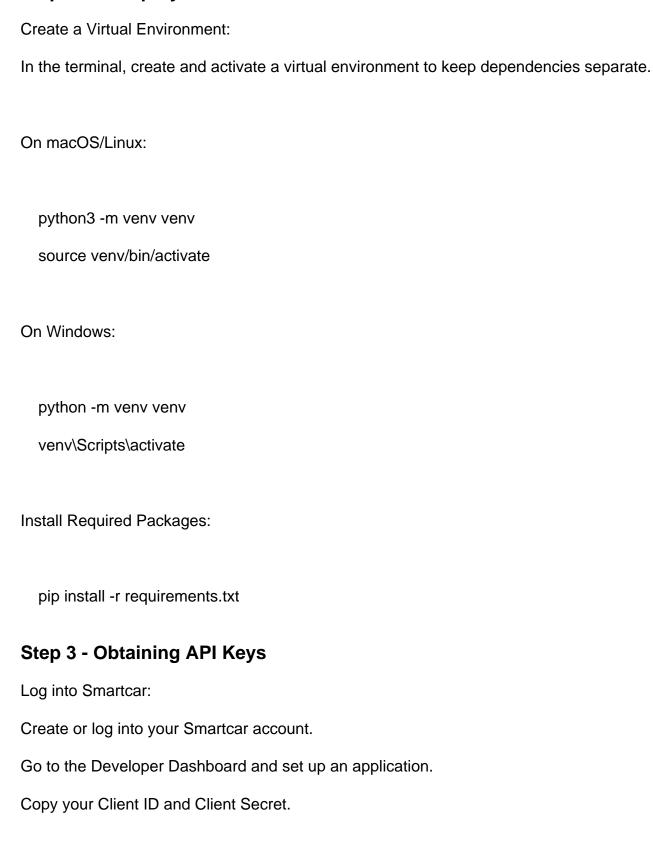
Run the following command to download the project files:

git clone https://github.com/deuber/fleetio-smartcar-integration.git

Navigate to the Project Folder:

cd fleetio-smartcar-integration

Step 2 - Set Up Python Environment



Log into your Fleetio account.

Log into Fleetio:

Go to API Settings and retrieve your API Token and Account Token.

Step 4 - Configuring .env for Credentials

Create a .env File:

In the project folder, create a file named .env.

Open this file in a text editor and add the following information:

SMARTCAR_CLIENT_ID=your_smartcar_client_id

SMARTCAR_CLIENT_SECRET=your_smartcar_client_secret

FLEETIO_API_TOKEN=your_fleetio_api_token

FLEETIO_ACCOUNT_TOKEN=your_fleetio_account_token

REDIRECT_URI=http://localhost:8000/callback

Save and Close the File.

Step 5 - Authorize Smartcar Access to Your Vehicle

Command-Line Authorization: The first time you run smart_fetch.py, it will prompt you to authenticate and authorize access to your vehicle data.

Step 6 - Running the Integration

Run the Script:

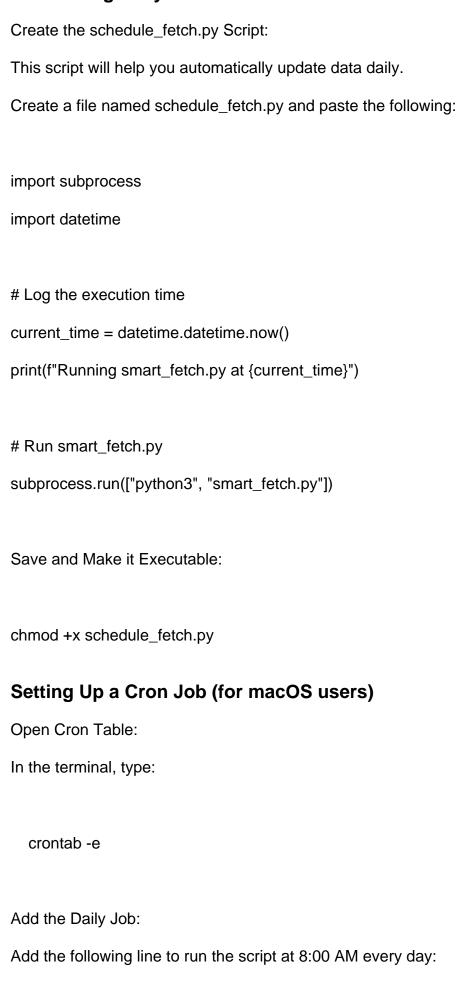
In the terminal, run the following command:

python smart_fetch.py

The script will prompt you to log in to Smartcar, retrieve vehicle data, and sync it with Fleetio.

- 1. Prompts for Smartcar authentication.
- 2. Retrieves vehicle and odometer data.
- 3. Syncs with Fleetio, updating or creating entries.

Automating Daily Execution on macOS



0 8 * * * /path/to/your/project/schedule_fetch.py >> /path/to/your/project/fetch.log 2>&1
Replace /path/to/your/project/ with the actual path.
Additional Information
Contributing:
Fork the repository on GitHub.
Make your changes and submit a pull request for review.

License:

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