

Tracking Order API Documentation

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- **Introduction**

The Tracking Order API allows you to retrieve tracking information for orders using a provided order ID. Third party API service is used.

- **Base URL :** <https://localhost:8080>

- **Authentication**

The API uses API keys for authentication. You need to set up environment variables to provide your API keys. Refer to the "Setting Up Environment Variables" section for details.

- **Setting Up Environment Variables**

To use this API, set the following environment variables in a .env file:

- TRACKSHIP_API_KEY: Your API key for accessing the TrackShip service.
- app_name: Your application name, required by the TrackShip API.

- **Get Trackship API key Steps**

URL for Reading Trackship documentation:

<https://docs.trackship.com/docs/tracking-api/create-shipment/>

Steps:

1. Sign Up to the trackship website.
2. You will get email authentication to your registered email
3. <https://docs.trackship.com/docs/tracking-api/api-requests-authentication/> go to authentication documentation and follow the steps. Remember, it requires the given images information in your application as authentication header information.

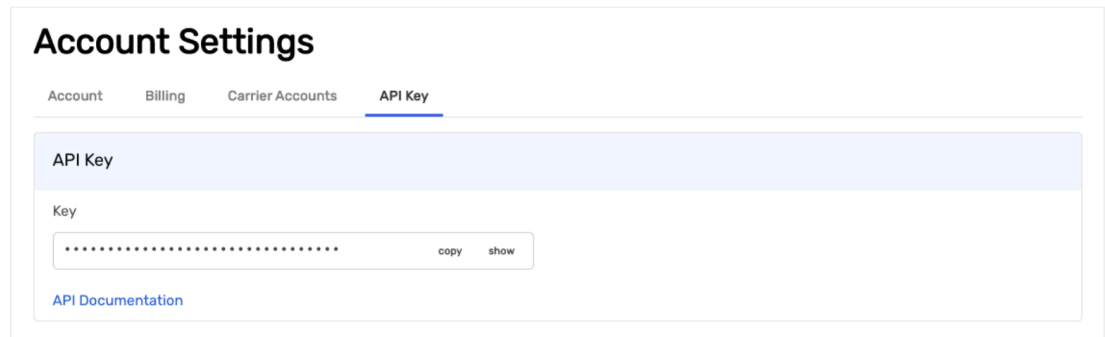
Replace the **API_KEY_HERE** with your own API key. and Replace the **APP_NAME** with your app name

```
trackship-api-key: API_KEY_HERE
app-name: APP_NAME
Content-Type: application/json
```

4. How to find API key from your account then go to : <https://my.trackship.com/> and follow the steps as the below screenshots

How to find your API Key

Navigate to Account Setting > API Key, you can copy your key to the clipboard by clicking the copy your API Key. The API Key will be used to authenticate you when you use the Tracking API and in the webhook.



The screenshot shows the 'Account Settings' page with tabs for 'Account', 'Billing', 'Carrier Accounts', and 'API Key'. The 'API Key' tab is selected. Below the tab, there is a section titled 'API Key' with a 'Key' field containing a masked value (dots) and buttons for 'copy' and 'show'. A link for 'API Documentation' is also visible.

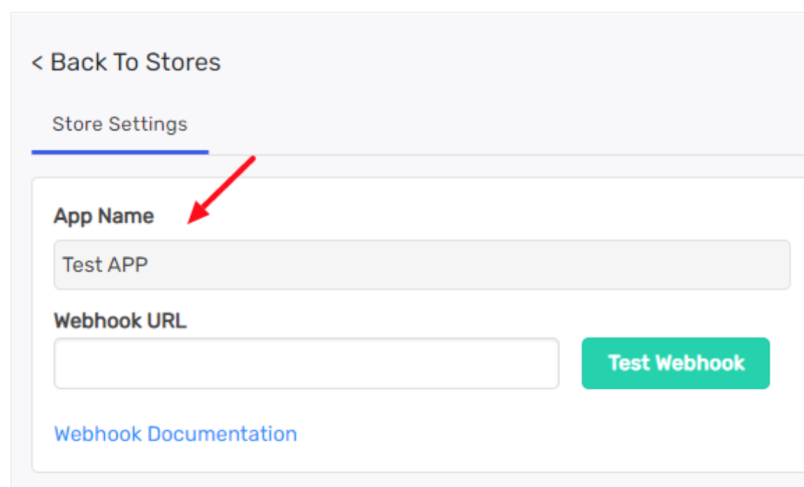
Copy the Given API key to your .env file of your application. For example: apikey = <paste your API key>

5. To set the app name follow the steps below images. Do not necessarily use webhooks.

Save your App name in your .env file of your application. For example : app_name=<your App name>

How to find your APP name

Navigate to the Stores > settings icon, you will find the APP name there. Use that for API calls



The screenshot shows the 'Store Settings' page with a '< Back To Stores' link at the top. The 'Store Settings' section is highlighted. Below it, there is a form with an 'App Name' field containing 'Test APP', a 'Webhook URL' field, and a 'Test Webhook' button. A red arrow points to the 'App Name' field. A link for 'Webhook Documentation' is also visible.

6. Done

- **My API Endpoints**

1. *Welcome Message*

- **Endpoint:** /
- **HTTP Method:** GET
- **Description:** Get a welcome message indicating successful API access.
- **Request Format:** No request required.
- **Response Format:** A text response with the welcome message.
- **Status Codes:**
 - 200: Success - The API is accessible.

2. *Retrieve Tracking Information*

- **Endpoint:** /order/tracker/:order_id
- **HTTP Method:** POST
- **Description:** Retrieve tracking information for a specific order provided in :order_id.
- **Request Format:**
 - URL Parameter:
 - :order_id (string, required) - The unique order ID to retrieve tracking information for.
- **Response Format with status code:**
 - 200: Success
JSON response containing tracking information.

```
200
{
  "order_id": "13",
  "tracking_number": "1Z4937W56728755212",
  "tracking_provider": "ups",
  "destination": "US"
}
```

- 404: Order Not Found
 - Text response: "Order not found."
- 404: Tracking Information Not Found
 - Text response: "Tracking information not found."
- 500: Server Error
 - Text response: "An error occurred during tracker API execution."

- **Testing Using Postman setting**

As its POST method, To test on postman set the following details in the Header of POSTMAN

Params	Auth	Headers (10)	Body	Pre-req.	Tests	Settings
		Key	Value			Bull
		<input checked="" type="checkbox"/> Postman-Token ⓘ	<calculated when request is sent>			
		<input checked="" type="checkbox"/> Content-Type ⓘ	application/json			
		<input checked="" type="checkbox"/> Content-Length ⓘ	<calculated when request is sent>			
		<input checked="" type="checkbox"/> Host ⓘ	<calculated when request is sent>			
		<input type="checkbox"/> User-Agent ⓘ	PostmanRuntime/7.34.0			
		<input type="checkbox"/> Accept ⓘ	*/*			
		<input type="checkbox"/> Accept-Encoding ⓘ	gzip, deflate, br			
		<input type="checkbox"/> Connection ⓘ	keep-alive			
		<input checked="" type="checkbox"/> trackship-api-key	your API key			
		<input checked="" type="checkbox"/> app-name	your Given app name			
		Key	Value			

POSTMAN Body: As it is mentioned in the third party API use.

Params	Auth	Headers (10)	Body	Pre-req.	Tests	Settings
			raw			
			JSON			
			<pre> 1 { 2 "tracking_number": "1Z4937W56728755212", 3 "tracking_provider": "ups", 4 "order_id": "13", 5 "postal_code": "98012", 6 "destination_country": "US" 7 } </pre>			

❖ **OTHER INFORMATION TO USE TRACKING APP API**

- **MY app URL:** <https://localhost:8080/order/track/13>
- **Third party URL embedded in the code:**
<https://my.trackship.com/api/shipment/get/> pass as post API
- Use the same name as per the documentation for header parameter setting and other information setting.

```
headers: {
  'app-name': app_name,
  'trackship-api-key': apikey,
  'Content-Type': 'application/json'
}
```

➤ POST Request

Params Auth Headers (10) **Body** Pre-req. Tests Settings

raw JSON

```
1 {
2   ... "tracking_number": "1Z4937W56728755212",
3   ... "tracking_provider": "ups",
4   ... "order_id": "13",
5   ... "postal_code": "98012",
6   ... "destination_country": "US"
7 }
```

➤ Request Parameter

"order_id": "string"-> Respective Order ID

● Error Handling

The API provides detailed error responses for different scenarios. Please check the status codes and response messages above mentioned.

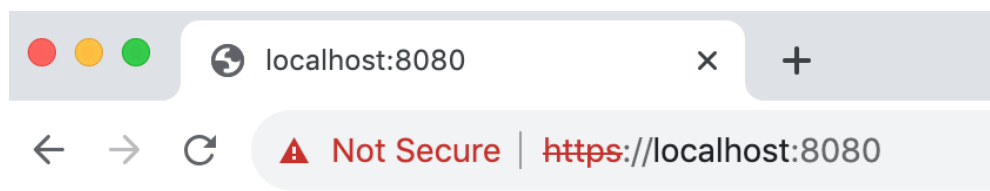
● Example Request and Response

○ Request-> Welcome page

■ **URL:** GET <https://localhost:8080/>

○ Response->Welcome page

■ **Success:**



Welcome to tracking order application

- **Request-> Retrieve Tracking Information**

- **URL:** POST <https://localhost:8080/order/track/13>

- **Response->Retrieve Tracking Information**

- **Success:**

```
{
  "order_id": "13",
  "tracking_number": "1Z4937W56728755212",
  "tracking_provider": "ups",
  "destination": "US"
}
```

- **(404 Order not Found)**

- **Error generation URL:** POST <https://localhost:8080/order/track/34>
 - **Response:**

Order not found

- **(404 Tracking Information not Found)**

- **Error generation URL:** POST <https://localhost:8080/order/track/1>
 - **Response:**

Pretty Raw Preview Visualize HTML  

1 Tracking information not found

- **(500 server error) -> when third party API is wrong or down**

- **Error generation URL:** POST <https://localhost:8080/order/track/13>
 - **Response:**

An error occurred during tracker API execution.