Exploring Lalamove API with POSTMAN

Lalamove Developers

April, 2022

Objectives

- This deck is prepared for developers to have a taste of Lalamove APIs without writing a single line of code.

- We use POSTMAN for the illustration. It's a tool widely used by developers and is easily accessible.

- To download  POSTMAN , visit https://www.postman.com/downloads.

Pre-requisites

i. **`api_key`** AND **`secret`***
ii. POSTMAN Environment file (`XX`.`postman_environment.json`)
iii. POSTMAN Collection file (`XX`.`postman_collection.json`)

`XX` Code of the market in ISO 3166-1 alpha-2

* Separate Keys and Secrets will be generated for Sandbox *and* Production upon registration in **`partnerportal.lalamove.com`**

An example of item (2) for HK is downloadable from **HERE**.

Postman Configurations

Markets	City	POSTMAN Environment	POSTMAN Collection
Hong Kong	Hong Kong (HK)	Environment	Collection

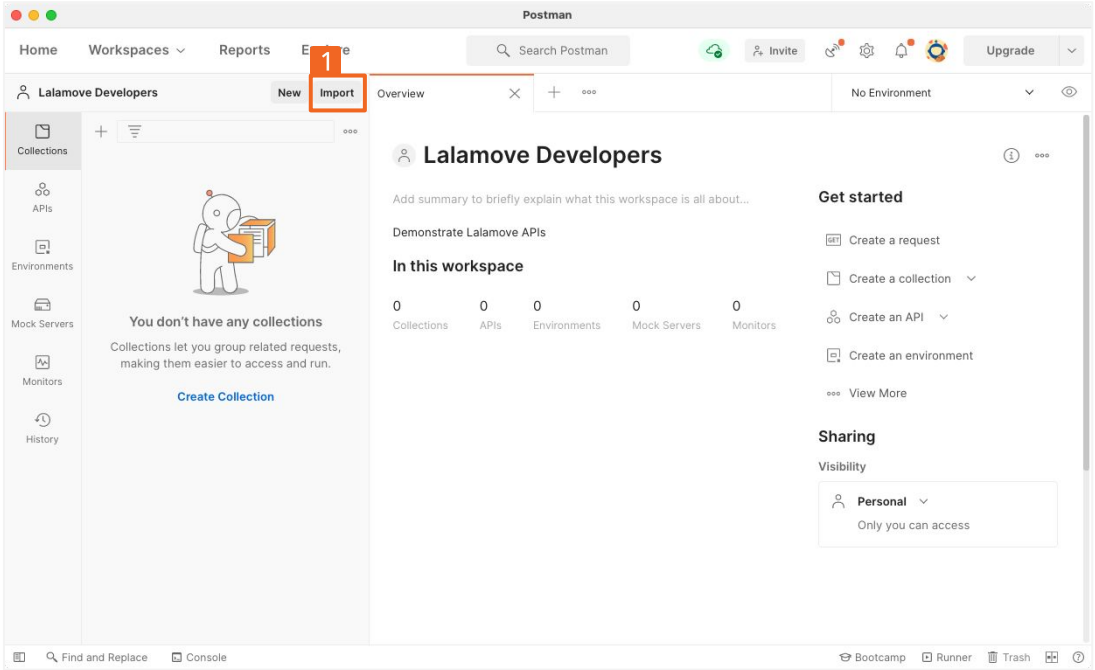
https://developers.lalamove.com/#tutorial

Getting Started

Postman Setup

At your first launch of the POSTMAN, you will see this screen.

1. Click “Import” to load the POSTMAN collection file.



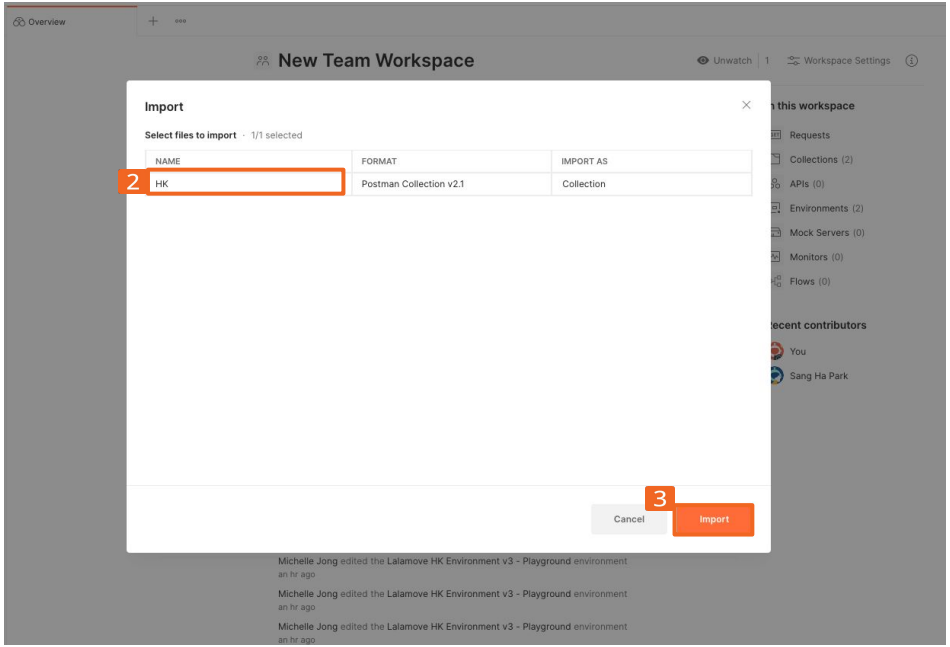
Import the POSTMAN Collection

2. Double check the name -
   it should contain a pattern like XX:

XX Code of the market in
    ISO 3166-1 alpha-2

For example,
HK
refers to Hong Kong

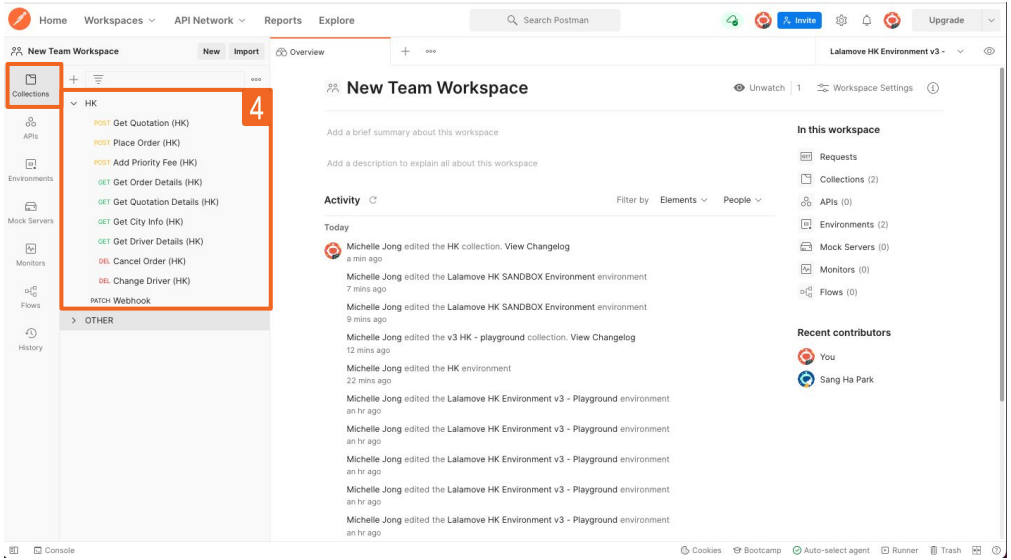
3. Click “Import” to proceed



Examine the collection

4. The collection will be imported and listed on the left panel. Click the arrow on the left and it will get expanded. You will be seeing a total of 10 API endpoints.

Remarks:
If you do not see the collection shown on the left, please make sure you click the “Collections” on the top of the left panel.

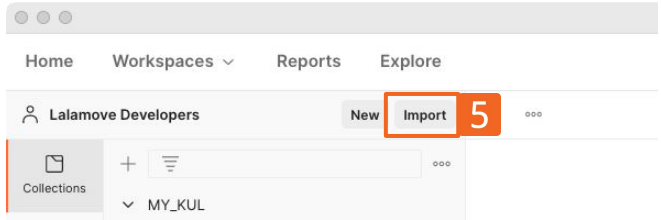


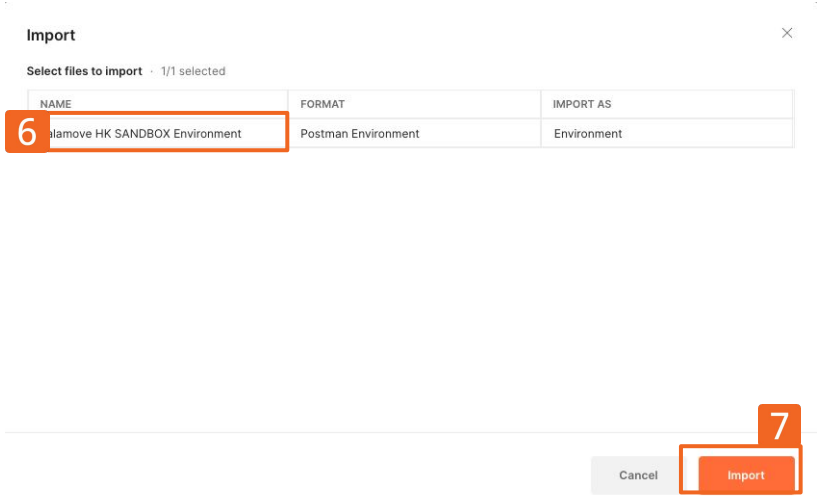
Import the environment

5. Click “Import” on the left panel and select `XX.postman_environment.json` that you have downloaded.

6. You will see “Lalamove XX SANDBOX Environment” listed in the dialog window. Click “X” to dismiss.

7. Click “Import” to proceed.

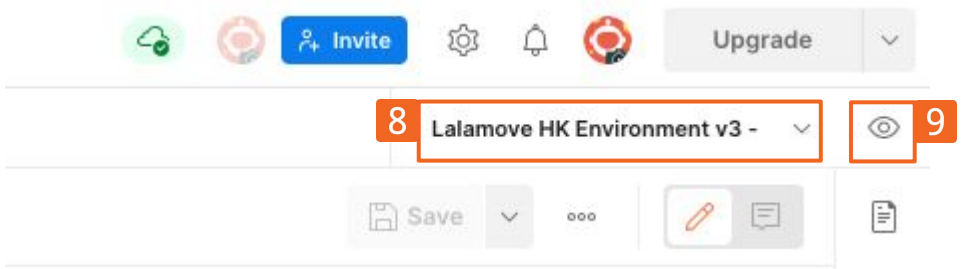




Review environment variables

8. Select “Lalamove XX_YYY SANDBOX Environment” from the drop down menu.

9. Click the icon to the right to toggle the editing window.

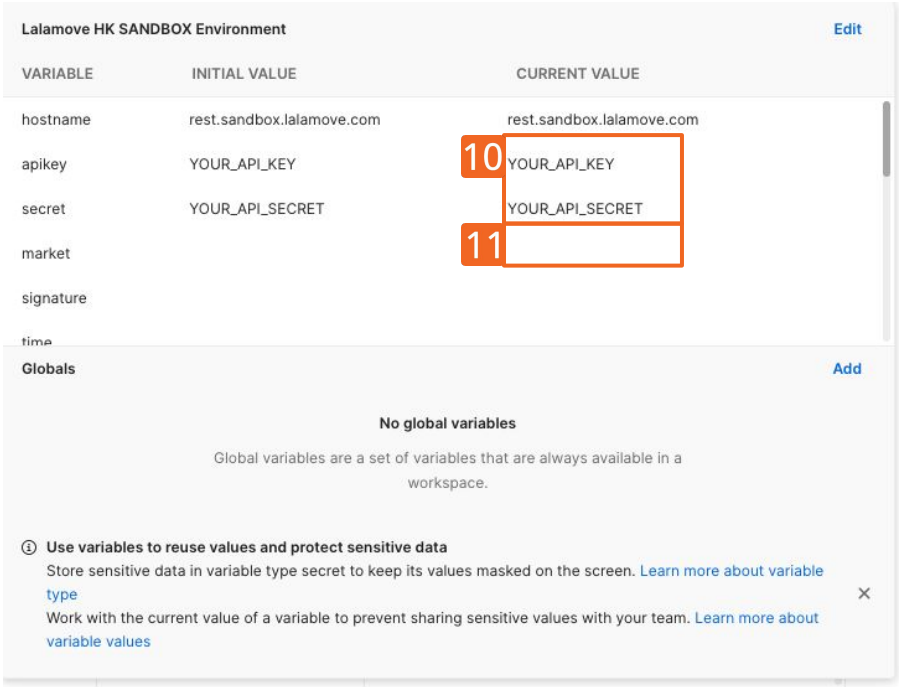


Update environment variables

10. Change `apikey` and `secret` with the credentials provided by the city team.

11. Review to see if the value in `country` matches the country and city that you are working on.

    Refer to UN/LOCODE of “Available Markets” in our documentation
    if you are unsure what to enter.



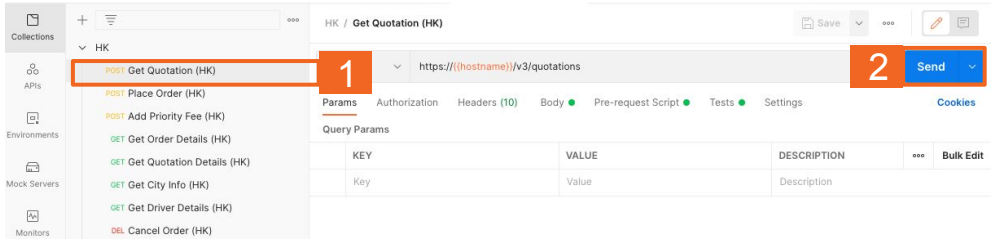
API Details

Making your first request - Get Quotation

"Everything starts with a quotation."

1. Click on "Get Quotation" and you will see there is a new tab on the right. Modify the `data` section of "Pre-req." / "Pre-request Script" as necessary.
2. Hit "Send" and you will be seeing the response at the bottom.
3. "201 Created" indicates your request is successful.
4. Check the response body. It is supposed to be aligned with the `data` in your request payload.

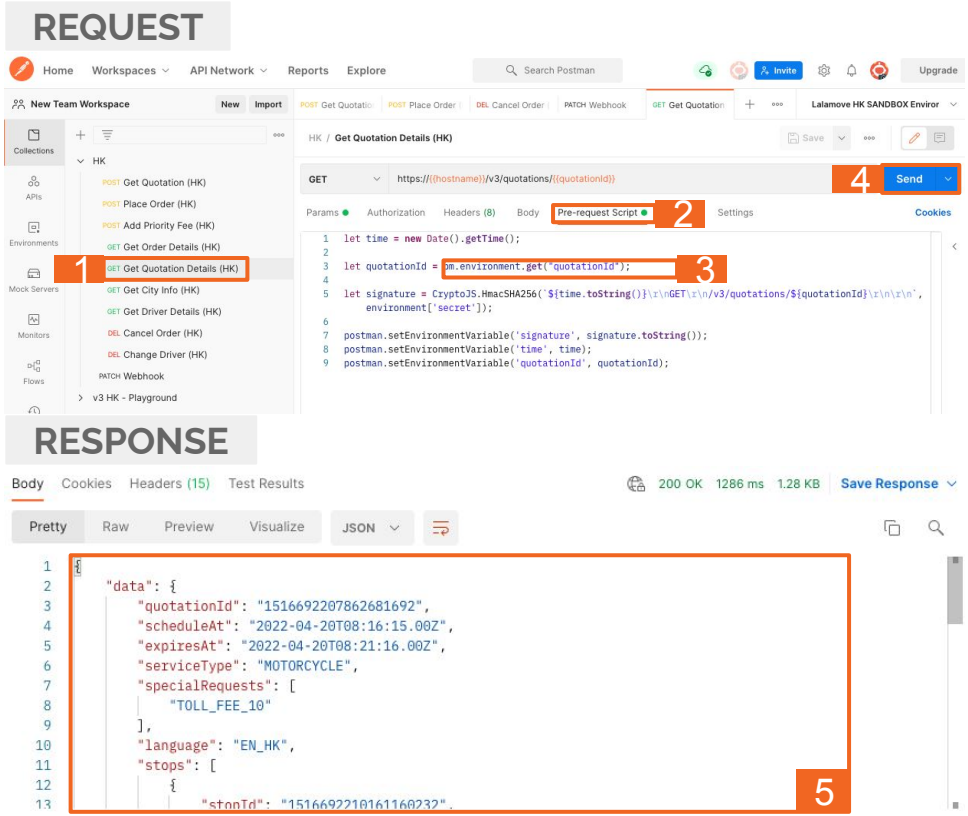
REQUEST



RESPONSE

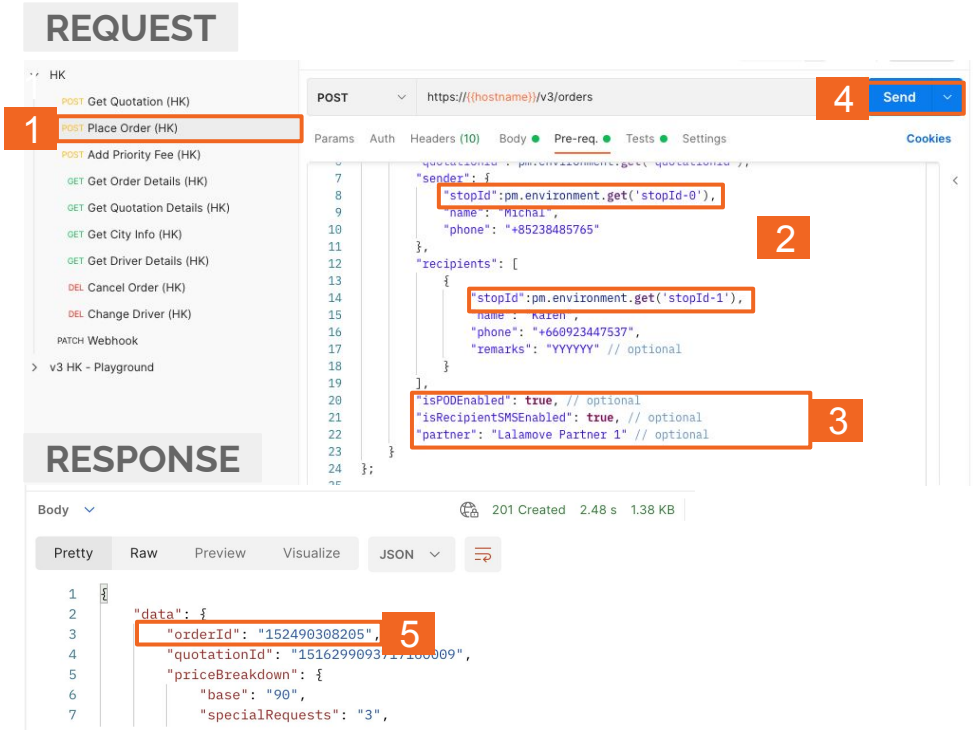
Get Quotation Details

1. Click “Get Quotation Details” on the left panel.
2. Navigate to “Pre-req.”/”Pre-request Script”
3. We are using the value received from the response of Get Quotation API.
4. Hit “Send”.
5. “200 OK” indicates your request is successful. The returned quotation details are supposed to be similar to the response of Get Quotation API.



Place Order

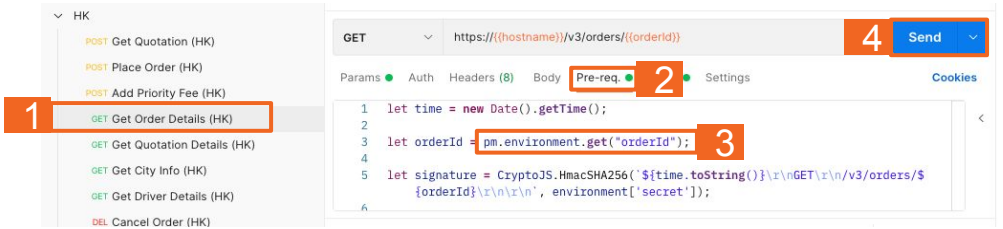
1. Click “Place Order” on the left panel. Navigate to “Pre-req.”/”Pre-request Script”
2. Ensure that the `stopId` values for sender and receiver(s) are aligned with the response from ‘Get Quotation’ API.
3. Furthermore, modify `isPODEnabled`, `isRecepientSMSEnabled`, and `partner` as necessary.
4. Hit “Send”.
5. “200 OK” indicates your request is successful and `orderId` is the order ID used by Lalamove.



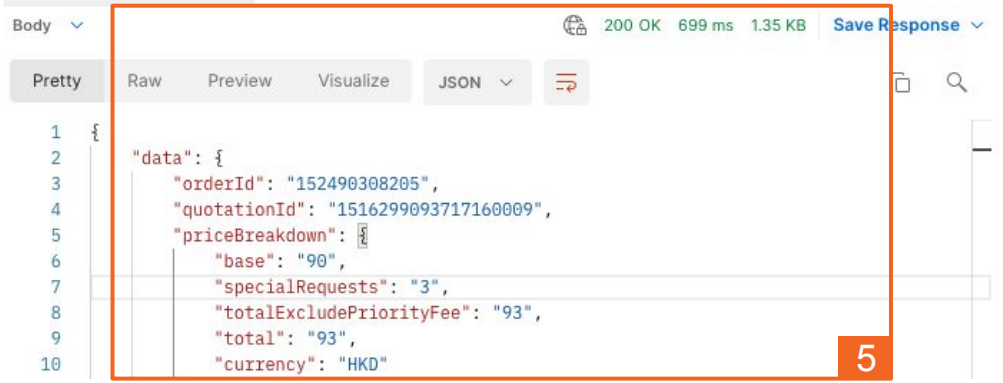
Get Order Details

1. Click “Get Order Details” on the left panel.
2. Navigate to “Pre-req.”/”Pre-request Script”
3. We are using the value received from the response of Place Order API.
4. Hit “Send”.
5. “200 OK” indicates your request is successful. Order details are returned, fields include `orderId`, `quotationId`, & `priceBreakdown`.
6. More details on this topic at “Appendix”.

REQUEST

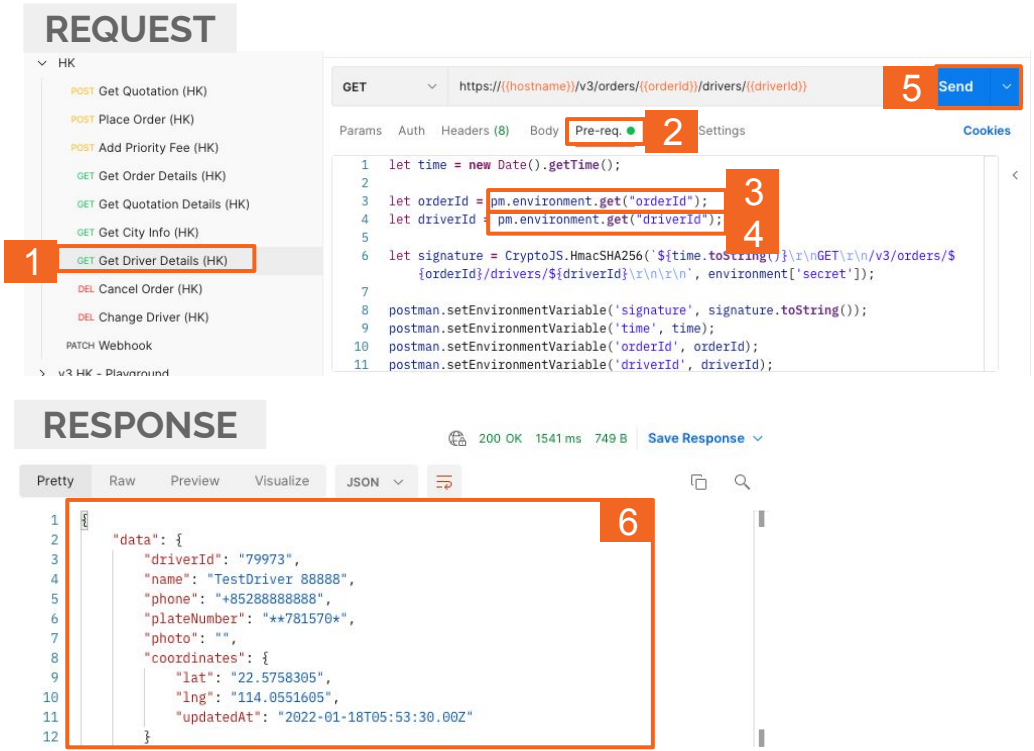


RESPONSE



Get Driver Details

1. Click “Get Driver Details”.
2. Navigate to “Pre-req.”/”Pre-request Script”
3. For `orderID`, we refer to the response of Place Order API.
4. For `driverId`, we refer to the response of Place Order API.
5. Hit “Send”.
6. “200 OK” indicates your request is successful. Returned fields include `name`, `phone`, `plateNumber`, `photo`& `coordinates`.



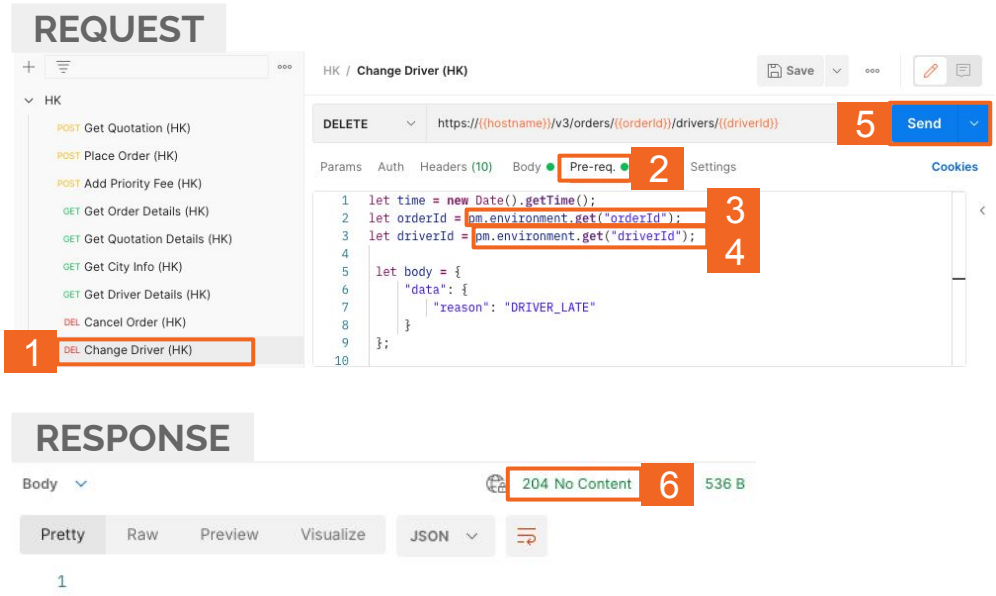
Change Driver

Pre-requisites:

- The following APIs need to be called prior to calling this API: Place Order, Get Order Details, and Get Driver Details
- Change Driver API can only be called 15 minutes after 15 the driver has been assigned to the order

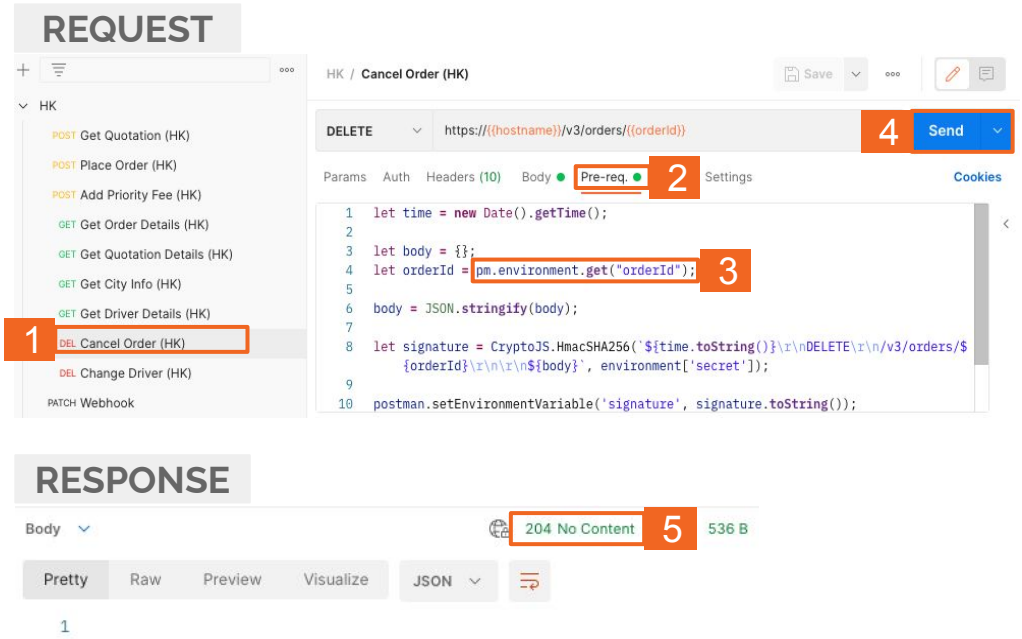
Steps:

1. Click “Change Driver” on the left panel. You will then see a tab created.
2. Navigate to “Pre-req.”/”Pre-request Script”
3. For `orderID`, we refer to the response of Place Order API.
4. For `driverId`, we refer to the response of Place Order API.
5. Hit “Send”.
6. “204 No Content” indicates your request is successful. No fields will be returned.



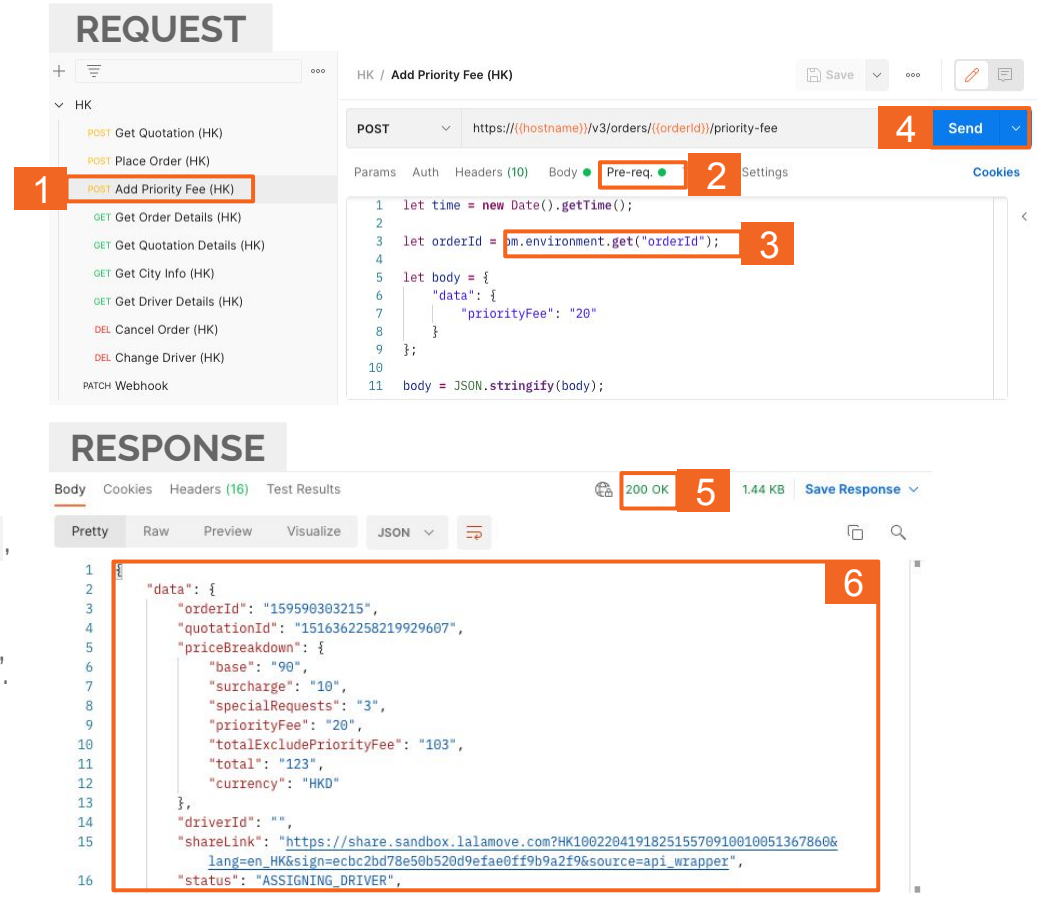
Cancel Order

1. Click “Cancel Order”
2. Navigate to “Pre-req.”/”Pre-request Script”
3. For `orderID`, we refer to the response of Place Order API.
4. Hit “Send”.
5. “204 No Content” indicates your request is successful. No fields will be returned.



Add Priority Fee

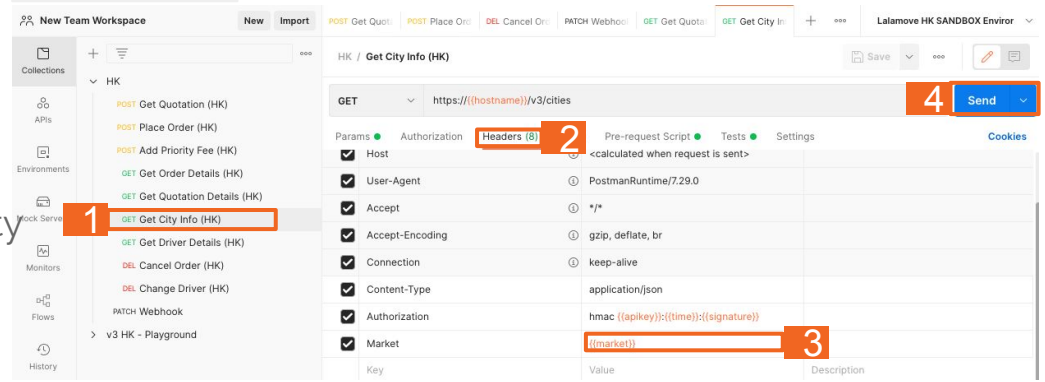
1. Click “Add Priority Fee”
2. Navigate to “Pre-req.”/”Pre-request Script”
3. For `orderID`, we refer to the response of Place Order API.
4. “200 OK” indicates your request is successful.
5. Updated order details are returned, fields include `orderId`, `quotationId`, `priceBreakdown`, `driverId`, `shareLink`& `status`
6. More details on this topic at “Appendix”.



Get City Info

1. Click “Get City Info”
2. Navigate to “Headers”
3. Ensure that value of `market` is pointing to the city of interest.
4. Hit “Send”.
5. Details of the service provided in the city will be returned.

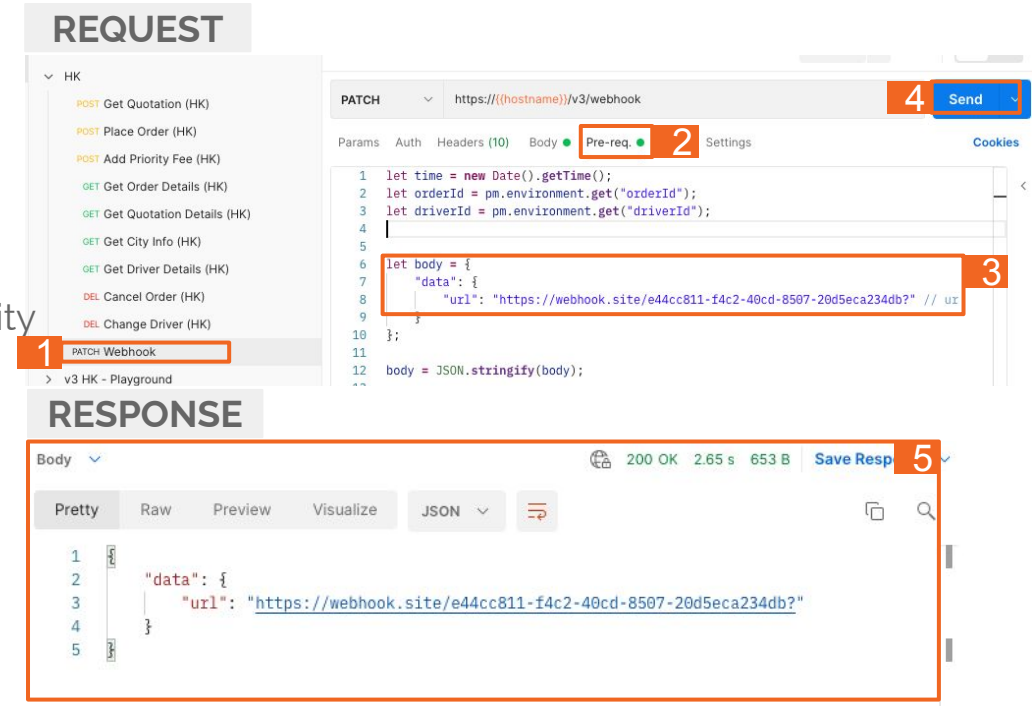
REQUEST



RESPONSE

Assign Webhook URL

1. Click “Webhook”
2. Navigate to “Pre-req.”/”Pre-request Script”
3. Ensure that value of `url` is pointing to your Webhook target.
4. Hit “Send”.
5. Details of the service provided in the city will be returned.



Appendix

Get Order Details Further Explanation

(i) `driverId` will be an EMPTY string if the order is at `ASSIGNING_DRIVER`, `CANCELED` or `REJECTED`.

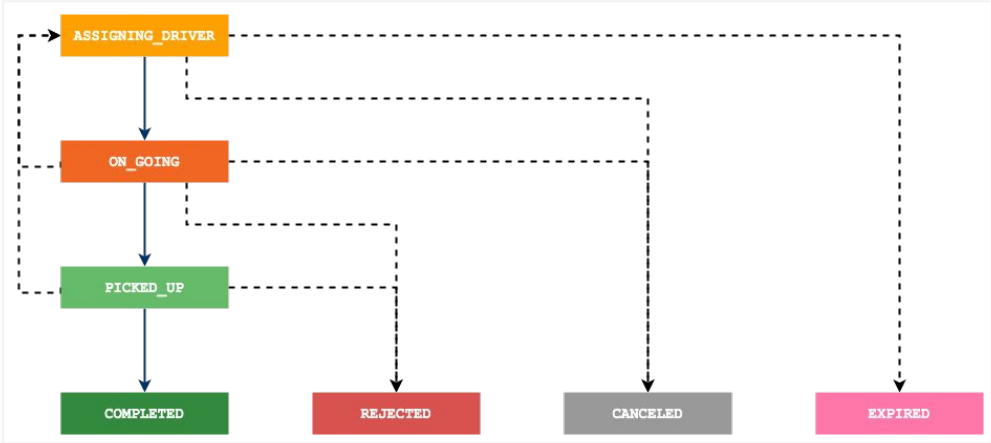
(ii) `shareLink` is a web page that contains order information. It can be shared with those who need to know the order status. Each order has its own unique URL. Lalamove may change the pattern without prior notice.

(iii) `status` indicates current order status

(iv) `pod` is null if the order has not requested for Proof Of Delivery (POD)

(iv) `price[]` includes both `amount` and `currency`. Amount listed should include all the charges incurred for the order.


```
{
  (i) "driverId": "79976",
  (ii) "shareLink": "https://share.lalamove.com?US1002105043&lang=en_US&version=2&sign=62f26",
  (iii) "status": "COMPLETED",
  (iv) "pod": null,
  (v) "price": {
        "amount": "31.39",
        "currency": "USD"
    }
}
```

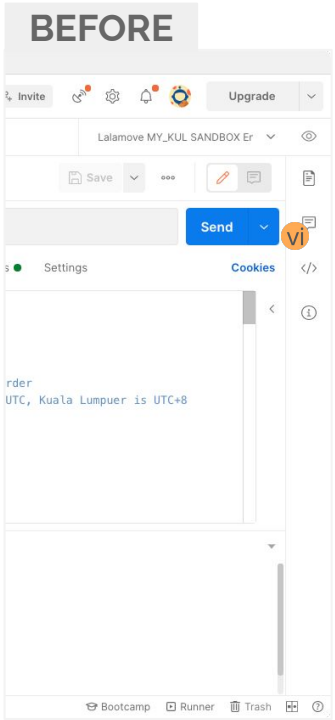



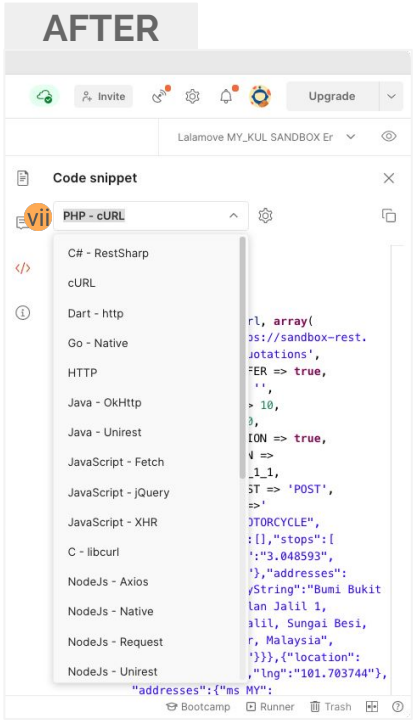
Generate code from POSTMAN

"Don't reinvent the wheel"

(vi) Click the "</>" icon
(slightly below the big blue "Send" button)

(vii) Select a language of your choice, code will be generated and you can copy it.





Thank you!

Documentation: developers.lalamove.com

Questions? Contact partner.support@lalamove.com