

API Specification Doc

(*DeliveryRouteWalmart*)

Version	Date	Author	Description
1.0	26/04/2014	Renato Mesa	Version 1.0

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Methods

1. input map

Input a new map in the system

Request

Method	URL
POST	DeliveryRouteWalmart/rest/map

Type	Params	Values
QUERY	mapName	string
HEADER	Content-Type	text/plain
POST	text	string

mapName: name of the map

The map input should be sent as a text/plain body in the request

Response

Status	Response
200	<pre>{ "status": "Your map request is being processing" }</pre> <p>auth_key (string) - all requests to</p>
500	<pre>{"error": "Invalid map"}</pre>

2. get shortest path

Get a shortest path between two points

Request

Method	URL
GET	DeliveryRouteWalmart/api/updates/

Type	Params	Values
QUERY	origin	string
QUERY	destination	origin
QUERY	autonomy	number
QUERY	cost_liter	number

Response

Status	Response
200	<p>Response will be an object containing a list of nodes as well as the distance and the total cost.</p> <pre>{ "origin": "N_1", "destinationsVisited": [{ "name": "N_1" }, { "name": "N_153" },], }</pre>

	<pre> { "name": "N_404" }, { "name": "N_2" }], "distance": 36, "totalCost": 0 }</pre>
400	<pre>{"status": "Path not found"}</pre>