



新大嶼山巴士(1973)有限公司
New Lantao Bus Company (1973) Limited

Bus Service
Open API
Documentation

API Version: 1.0

Last Update: 2019-08-05

Table of Contents

API Root URL	3
API Details	4
Get list of all routes	4
Get list of stops of a route.....	5
Get estimated arrivals of a stop of a route	7

API Root URL

<https://rt.data.gov.hk/v1/transport/nlb/>

API Details

Get list of all routes

URL:	route.php?action=list
Method:	POST
Request content type:	application/json
Request body:	
Sample request body:	
Response content type:	application/json
Response body:	<pre>{ "routes": [{ "routeId": Integer, "routeNo": String, "routeName_c": String, "routeName_s": String, "routeName_e": String, "overnightRoute": Integer, "specialRoute": Integer }, ] }</pre> <p>"overnightRoute": It indicate the route is overnight route or not. 1 if the route is overnight route, else 0.</p> <p>"specialRoute": It indicate the route is special route or not. 1 if the route is special route, else 0.</p>

Sample response body:	<pre> { "routes": [{ "routeId": "2", "routeNo": "1", "routeName_c": "大澳 > 梅窩碼頭", "routeName_s": "大澳 > 梅窩碼頭", "routeName_e": "Tai O > Mui Wo Ferry Pier", "overnightRoute": 0, "specialRoute": 0 }, ] } </pre>
Remark:	

Get list of stops of a route

URL:	stop.php?action=list
Method:	POST
Request content type:	application/json
Request body:	<pre> { "routeId": Integer } </pre>
Sample request body:	<pre> { "routeId": "32" } </pre>
Response content type:	application/json
Response body:	<pre> { "stops": [{ "stopId": Integer, "stopName_c": String, "stopName_s": String, "stopName_e": String, </pre>

	<pre> "stopLocation_c": String, "stopLocation_s": String, "stopLocation_e": String, "latitude": Number, "longitude": Number, "fare": Number, "fareHoliday": Number, "someDepartureObserveOnly": Integer }, ] } </pre> <p>"stops": The stops are ordered by stop sequence of the route.</p> <p>"fare": Fare from Monday to Saturday, expect public holiday.</p> <p>"fareHoliday": Fare of Sunday and public holiday.</p> <p>"someDepartureObserveOnly": It indicate the stop of that route is some departure observe only or not. 1 if the stop of that route is some departure observe only, else 0.</p>
<p>Sample response body:</p>	<pre> { "stops": [{ "stopId": "117", "stopName_c": "機場(客運大樓)", "stopName_s": "机场(客运大楼)", "stopName_e": "Airport (Passenger Terminal Building)", "stopLocation_c": "暢達路", "stopLocation_s": "畅达路", "stopLocation_e": "Cheong Tat Road", "latitude": "22.31456900", "longitude": "113.93661000", "fare": "15.0", </pre>

	<pre> "fareHoliday": "25.0", "someDepartureObserveOnly": 0 }, ] } </pre>
Remark:	

Get estimated arrivals of a stop of a route

URL:	stop.php?action=estimatedArrivals
Method:	POST
Request content type:	application/json
Request body:	<pre> { "routeId": Integer, "stopId": Integer, "language": String } </pre> <p>"language": Language of response content. "en" = English, "zh" = Traditional Chinese, "cn" = Simplified Chinese</p>
Sample request body:	<pre> { "routeId": "32", "stopId": "4", "language": "en" } </pre>
Response content type:	application/json
Response body:	<pre> { "estimatedArrivals": [{ "estimatedArrivalTime": Datetime, "routeVariantName": String, "departed": Integer, "noGPS": Integer, </pre>

	<pre> "wheelChair": Integer, "generateTime": Datetime }, ], "message": String } </pre> <p>"estimatedArrivals": It does not exist if the bus estimated arrival time of that route is not available currently.</p> <p>"departed": It indicate the departure is departed from first stop of that route or not. 1 if the departure is departed from first stop of that route, else 0. Scheduled arrival time is calculated from timetable, actual departure time may change subject to operational adjustment.</p> <p>"noGPS": It indicates that the bus of that departure has positioning equipment (GPS) installed or not. 1 if the bus has GPS installed, else 0. Please note that estimated arrival time is calculated from historical data, i.e. not from real-time traffic data.</p> <p>"wheelChair": It indicates that the bus of that departure can be easily accessed by wheel chair or not. 1 if the bus can, else 0.</p>
<p>Sample response body:</p>	<pre> { "estimatedArrivals": [{ "estimatedArrivalTime": "2018-01-01 08:05:00", "routeVariantName": "Via: Mui Wo Old Town", "departed": 1, "noGPS": 0, "wheelChair": 1, "generateTime": "2018-01-01 08:00:00" }] } </pre>

	<pre> }, ], "message": "Actual arrival time can be affected by traffic conditions, please wait at the bus stop in advance
Scheduled arrival time is calculated from timetable, actual departure time may change subject to operational adjustment" }</pre>
Remark:	