

OVERVIEW

APICreate

Itinerary

Show/Hide | List Operations | Expand Operations

POST /api/Itinerary/record.asp

Add new Line to database

Implementation Notes

Demo add new line (line_name, date, description) to store

Parameters

Parameter	Value	Description	Parameter Type	Data Type
newRoute	<pre>{ "LineName": "JR East rail road", "Date": "2017-08-16", "Description": "Delay" }</pre>		body	Model Example Value Route { LineName (string): Name of line, Date (string): Event date, Description (string): description }
Parameter content type: application/json				

Response Messages

HTTP Status Code	Reason	Response Model	Headers
200	OK		
304	NotModified		
400	BadRequest		
500	Unexptecd exception		

Try it out!

POST

/api/Itinerary/getRecordAPI.asp

Search line according the input criteria via parameter

Implementation Notes

Using post to retrieve route event data

Parameters

Parameter	Value	Description	Parameter Type	Data Type
dateRange	<input type="text" value="Wrong date time"/>	Date time format in From(yyyy/MM/dd)-To(yyyy/MM/dd), left blank indicate all date	query	string
line	<input type="text"/>	Name of line, searching via partial name	query	string
orderBy	<input type="text" value="Wrong format"/>	Order by date, ASC/DESC, default: ASC	query	string
type	<input type="text"/>	Ouput format, JSON/XML, default: JSON	query	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
200	OK		
400	BadRequest		
500	Unexpteacd exception		

Try it out!

[Hide Response](#)

1. User story and purpose

Demonstrate how to create web APIs: first API was simply let user to insert new record into database. Second API let user input some criteria and then to query result(s) back from database.

2. Project description

The main project with declared two resources of API's URI, feature as below:

- Established the http status return code according different situation caused (make easily for caller for tracking)
- Created well-defined and comprehensive document format for description how to use the APIs