



Freight Advanced Traveler Information System (FRATIS)

Marine Terminal Notification

API Documentation

Friday, September 30, 2016

Marine Terminal Notification API

“MTO REST API”

Version	Date	Author	Description
1.0	9/30/2016	Surya Suluh Productivity Apex, Inc.	Initial version

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Methods

1. Login

Authenticate the user with the system and obtain the auth_token.

Request

Method	URL
POST	api/v1/mto/login/ Example: <pre>{ "username" : "testuser", "password" : "testpassword", "terminalID" : 1 }</pre>

Type	Params	Notes
string string integer	username password terminalID	

terminalID

Must be a unique id for the terminal (to be determined)

Response

Status	Response
200	<pre>{ "token": <auth_key>, "isAdmin": true, "username": testuser }</pre>

Token

Token must be set in the HTTP Authorization header for subsequent request to the server.

2. Marine Terminal

Get list of marine terminals or information on specific marine terminal.

Request

Method	URL
GET	api/v1/mto/marineterminals/
GET	api/v1/mto/marineterminals/{id}

Type	Params	Notes
int	id [optional]	Specify id to get specific marine terminal

Response

Status	Response
200	<pre>{ "Id": 2, "name": Marine Terminal 2, }</pre>

3. Marine Terminal Subscribers

Get list of marine terminals or information on specific marine terminal.

Request

Method	URL
GET, POST	api/v1/mto/subscribers/

GET, PUT, DELETE	api/v1/mto/subscribers/{id}
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POST, PUT and DELETE requires administrator rights.

Type	Params	Notes
int	id [optional]	Specify id to get specific marine terminal

Response

Status	Response
200	<pre>{ "id": <id>, "createdDate": <creation date>, "modifiedDate": <last modified date>, "isActive": <true/false>, "terminalId": <terminal id of the user>, "isAdmin": <indicates this user is admin>, "userName": <username of the subscriber>, "firstName": <first name of the subscriber>, "lastName": <last name of the subscriber>, "phoneNumber": <phone number of the subscriber>, "email": <email of the subscriber>, "jobTitle": <job title of the subscriber>, }</pre>

4. Marine Terminal Notification

Get list of marine terminals or information on specific marine terminal.

Request

Method	URL
GET	api/v1/mto/notifications/

You must be authenticated to access this route.

Type	Params	Notes
int	marineTerminalId	Specify id to get specific marine terminal

Response

Status	Response
200	{ }

Glossary

Conventions

- **Client** - Client application.
- **Status** - HTTP status code of response.
- All the possible responses are listed under 'Responses' for each method. Only one of them is issued per request server.
- All response are in JSON format.
- All request parameters are mandatory unless explicitly marked as **[optional]**

Status Codes

All status codes are standard HTTP status codes. The below ones are used in this API.

2XX - Success of some kind

4XX - Error occurred in client's part

5XX - Error occurred in server's part

Status Code	Description
200	OK
201	Created
202	Accepted (Request accepted, and queued for execution)
400	Bad request
401	Authentication failure
403	Forbidden
404	Resource not found
405	Method Not Allowed
409	Conflict
412	Precondition Failed

413	Request Entity Too Large
500	Internal Server Error
501	Not Implemented
503	Service Unavailable