
123Loadboard Posting Web Services

Load and Truck Post
Management

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123Loadboard Posting Web Service

1. Getting Started For .Net Environment

Service Address:

<http://ws.123loadboard.com/postingWS/PostingServiceV00.svc>

To using this service, you will need to create a client and use it to call the service. You can do this using the svcutil.exe tool from the command line with the following syntax:

```
svcutil.exe http://ws.123loadboard.com/PostingWS/PostingServiceV00.svc?wsdl
```

This will generate a configuration file and a code file that contains the client class. Add the two files to your client application and use the generated client class to call the Service. For example:

C#

```
class ClientApp
{
    static void Main()
    {
        PostingServiceClient client = new PostingServiceClient();

        try
        {
            // Use the 'client' variable to call operations on the service.
        }
        catch (FaultException<PostingFault> postingFault)
        {
            // Use the 'postingFault' variable to handle FaultException
        }

        // Always close the client.
        client.Close();
    }
}
```

2. Load Post Management

PostLoad

PostLoad adds a new load or updates an existing load info.

void PostLoad([string](#) PostProviderID, [string](#) UserName, [string](#) Password, [Load\[\]](#) Loads)

Parameters

Name	Required	Type	Description
PostProviderID	yes	String	Identifies a post provider of 123Loadboard
UserName	Yes	String	Identifies the 123Loadboard account
Password	Yes	String	
Loads	Yes	Array of Load	

Load (Data Type)

Name	Required	Type	Description
LoadID		String	Unique load identity number generated by your software
TrackNo		String	Unique tracking number
OrigCity	Yes	String	Origin City
OrigState	Yes	String	Origin State code
OrigZipcode		String	Origin Zip code
OrigLatitude		Decimal	Origin Latitude
OrigLongitude		Decimal	Origin Longitude
PickUpDate	Yes	date	PickUp date
PickUpTime		String	PickUp time
DestCity	Yes	String	Destination City
DestState	Yes	String	Destination State code
DestZipcode		String	Destination Zip code
DestLatitude		Decimal	Destination Latitude
DestLongitude		Decimal	Destination Longitude
DelivDate		date	Delivery date
DelivTime		String	Delivery time
RepeatDaily		Boolean	Available daily? true/false
RepeatNumberOfDays		Integer	Repeat post for 'x' number of days
Mileage		Integer	Travel distance
EquipCode	Yes	String	Equipment code
EquipInfo		String	Additional equipment notes or comments
LoadSize	Yes	String	Full or Partial, TL or LTL
TeamLoad		String	Specifies if a team of truck operators is required. Y/N, true/false, 0 or 1
Length		Integer	Length

Weight		Integer	Weight
Volume		Integer	Volume (in Cu.Ft)
LoadQty		Integer	Number of identical shipments available. Default=1
Stops		Integer	Number of stops
Commodity		String	Notes or description about the commodity
Amount		Decimal	Amount or rate
AmountType		String	"Per Mile", "Flat rate", etc.
Notes		String	Additional information about the load itself
DispatcherName		String	Dispatcher's name
DispatcherPhone		String	Dispatcher's phone number
DispatcherExt		String	Dispatcher's phone extension
DispatcherEmail		String	Dispatcher's e-mail address; do not provide it if you do not wish to be contacted by e-mail

FaultException :

`FaultException<PostingFault>`

CancelLoad

CancelLoad removes a load from 123loadboard.

void CancelLoad([string](#) PostProviderID, [string](#) UserName, [string](#) Password, [string\[\]](#) LoadIDs)

Parameters

Name	Required	Type	Description
PostProviderID	yes	String	Identifies a post provider of 123Loadboard
UserName	Yes	String	Identifies the 123Loadboard account
Password	Yes	String	
LoadIDs	Yes	Array of String	LoadID: unique load identity number generated by your software.

FaultException :

`FaultException<PostingFault>`

3. Truck Post Management

PostTruck

PostTruck adds a new truck or updates an existing truck info.

void PostTruck(**string** PostProviderID, **string** UserName, **string** Password, **Truck[]** Trucks)

Parameters

Name	Required	Type	Description
PostProviderID	yes	String	Identifies a post provider of 123Loadboard
UserName	Yes	String	Identifies the 123Loadboard account
Password	Yes	String	
Trucks	Yes	Array of <u>Truck</u>	

Truck (Data Type)

Name	Required	Type	Description
TruckID		String	Unique truck identity number generated by your software
TrackNo		String	Unique tracking number
OrigCity	Yes	String	Origin City
OrigState	Yes	String	Origin State code
OrigZipcode		String	Origin Zip code
Radius		Integer	Radius (in miles) the truck operator is willing to travel to pick up a load; default is 100 miles
AvailableDate	Yes	date	Date the truck is available
AvailableTime		String	Time the truck is available
Destinations	Yes	Array of <u>Destination</u>	
EquipCode	Yes	String	Equipment code
EquipInfo		String	Additional equipment notes or comments
SpaceAvailable	Yes	String	Available space: TL (full) or LTL (partial)
Length		Integer	Length available
Weight		Integer	Maximum weight
TruckQty		Integer	Number of available trucks. Default value is 1
RepeatDaily		Boolean	Available daily? true/false
RepeatNumberOfDays		Integer	Repeat post for 'x' number of days
Notes		String	Additional information about the truck itself, usually this field shows the original equipment code as posted by the poster

Commodity		String	Notes or description about the commodity
TeamLoad		String	Specifies if a team of truck operators is required. Y/N, true/false, 0 or 1
MinTravelDist		Integer	The minimum travel distance requested by the truck operator
Amount		decimal	The minimum rate requested by the truck operator
AmountType		String	"Per Mile", "Flat rate", etc.
DispatcherName		String	Dispatcher's name
DispatcherPhone		String	Dispatcher's phone number
DispatcherExt		String	Dispatcher's phone extension
DispatcherEmail		String	Dispatcher's e-mail address

Destination (Data Type)

Name	Required	Type	Description
DestCity	Yes	String	Destination City
DestState	Yes	String	Destination State code

FaultException :

`FaultException<PostingFault>`

CancelTruck

CancelTruck removes a truck from 123loadboard.

void CancelLoad([string](#) PostProviderID, [string](#) UserName, [string](#) Password, [string\[\]](#) LoadIDs)

Parameters

Name	Required	Type	Description
PostProviderID	yes	String	Identifies a post provider of 123Loadboard
UserName	Yes	String	Identifies the 123Loadboard account.
Password	Yes	String	
TruckIDs	Yes	Array of String	TruckID: unique truck identity number generated by your software.

FaultException :

`FaultException<PostingFault>`

4. FaultException<PostingFault> FaultIDs and Messages

FaultID	Reason/Message
1001	PostProviderID is invalid
1002	Verify post provider ID failed
2001	Username/password is incorrect
2002	Username/password is incorrect
2003	Verify account failed
3001	Post load(s) failed
3002	Cancel load(s) failed
4001	Post truck(s) failed
4002	Cancel truck(s) failed