IATA MESSAGES READER

Integration Guide

Release 1
WB/PAARS/BDPS/04
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IATA MESSAGES READER Integration Guide, Release 1

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Document History

Ver. No.	Ver. Date	Prepared By	Affected Section & Summary of Change
1.0	05-April-2017	Gilbert Adjin Frimpong	Initial version

1. INTRODUCTION

This integration document provides a detailed requirement for integrating with the IATA Cargo XML (CXML) reader Restful web service. It exposes method that can be called by Airline Carriers or freight forwarders to submit Airline Messages (XFFM, XFWB, XFZB).

This document is targeted at developers, solution architect, project managers and analysts at the institutions who will be calling the restful web service.

2. CLIENT USER SETUP

The web service is designed in such a way that for any user to call the service and its methods, the user is setup with a **Username** (which will be the sender Id in the messages that will be sent).

The service is based on RESTUL API. A request is expected to be sent by the client system to the web service by posting an xml content while an XML response is returned back to the client.

The next section describes how to call the web service.

3. CONSUMING THE WEB SERVICE

The web service is made available to all Airlines or Freight forwarders for calling. Below sections describe how to call the service

3.1   Web Service URL

To call the web service, the developer will have to call the URL below:
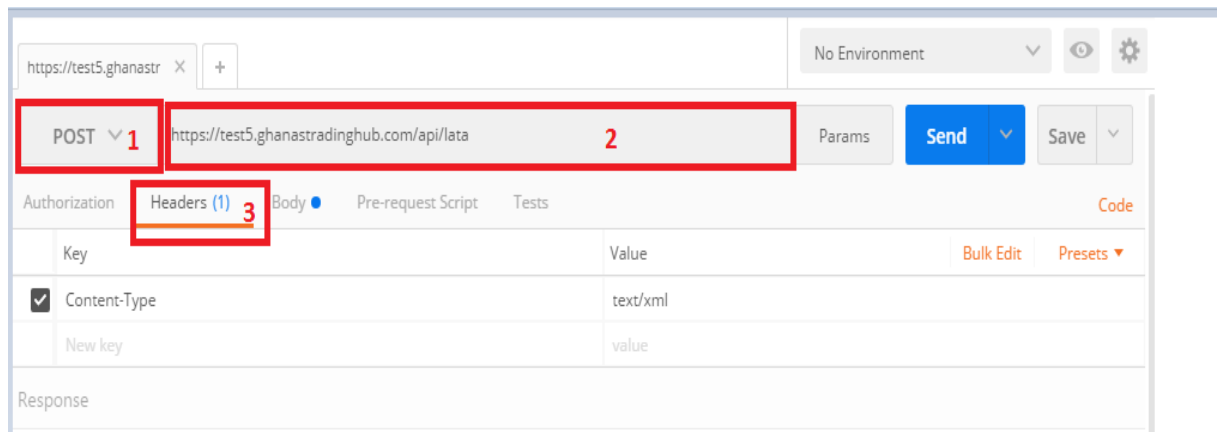
https://test5.ghanastradinghub.com/api/Iata

by an HTTP POST with a header of content type "TEXT/XML" and provide the content which is a Cargo-XML of the type XFFM, XFWB, or XFZB.

A Cargo-XML response of type XFNM will be the response when the call is successful.

3.2   Sample Service Call using POSTMAN

Below shows the process of calling the web service using the POSTMAN client (can be downloaded from: https://www.getpostman.com/)

ure 1

Below are details on the picture above

i.   Request Method, please make sure you choose POST as the HTTP Request Method.

ii.   URL, please provide the URL as shown in the picture above (Figure 1)

iii.   For the headers of the request, please provide the content type of value "text/xml".

iv.   The picture below (figure 2) show the content of the body and the response receive.

ure 2

4. CONCLUSION

The web service is easily consumable from a SOAP IDE client like Visual Studio, NetBeans, SOAP UI, etc.

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