

Advance Passenger Information

Athula Lankadeva

Deputy Director

ICT Division, Sri Lanka Customs

Why Customs Needs Advance Passenger Information ?

Risk Assessment and Targeting for

- National program to eradicate the drug menace
- Obligations under UNODC CCP
- To manage Revenue Risks
- Manage Threats to National Security

Method of Filing API

1. Regulations published compelling the filing of API.
2. API has to be filed upon departure from Last Airport or before seeking outward clearance.
3. Guidelines published on the Customs Website under Downloads -> APIS
4. Registration and filing the information are mandatory according to the regulations.

Why Web Services

- Consumed by Applications, unattended.
- Allow different applications to talk to each other
- Message can be encrypted using SSL
- Standard Technology, Service Oriented Architecture

Why Web Services

- Already used in Single Window
- Will be used in talking to ITMIS & RAMIS
- You need not know the internals of others systems
- WSDL file provides all the details in human readable format.
- Can consume using any programming language

Difficulties in Generating XML Files?

- Most of the Airlines heavily dependent on UN/EDIFACT format
- Some may find difficulties in generating XML files from EDI files being used.
- Customs has developed a converter for the purpose.
- It will be published on the same APIS link on Customs website.
- This program is packaged in a runnable jar file, called XmlGenerator.jar

Difficulties in Generating XML Files?

- Create the following folder structure for running the program.
- EdiFiles=c:/apis/ediFiles/ - for EDI files to be converted.
- XmlFiles =c:/apis/xmlFiles/ - successfully converted (from EDI to XML) files will be placed here.
- ErrorDir = c:/apis/errorEDI/ - to see any error occurred during the execution of the program.
- SuccessEDI=c:/apis/successEDI/ - to store the successfully converted EDIfiles. They can be used again and again for testing. Copy the contents of this directory to the directory, ediFiles.

Or Else, you can give the locations in the configuration File.

Difficulties in Generating XML Files?

- Paste or copy the XMLGenerator.jar file provided, to a location convenient to you. If you give the folder locations in config.properties files contained in config folder, the config folder should be in the same location as XmlGenerator.jar file.
- Paste all the messages related to the same flight into one file and name it as in the sample files given.
- To run go to the location of the file with command prompt and type

Java -jar XMLGenerator.jar

Difficulties in Generating XML Files?

- You will see the output in the command window.
- Zip file ediFiles.rar contains a set of sample files for testing.
- Once the testing is complete, you will be given the client program which consumes the web service at Customs for sending API in XML Format.

QUESTIONS ???

THANK YOU !