

OpenTravel sample manual

Version 04.27.2012



Anything To Anything
Integration

Introduction

If you work in the travel industry, use OpenTravel standards and have a need to connect your systems with each other - you have a need to get a set of transaction templated to your [XCS eiConsole](#). In this tool you can define a connectivity, transformations and other data manipulations required to interface your systems.

If you are new to OpenTravel standard in this sample you can find several OpenTravel request examples and how to use it with eiConsole. If you are familiar with it, here you can find all of the [240+ OpenTravel transaction templates](#).

This interface is used to show how you can simply connect own system and system with OpenTravel standard based data exchange.

Used in sample OpenTravel transactions:

CruiseInfoRQ - Used to request miscellaneous structured cruise information (e.g., cruise ship characteristics, embark/debark time for cruise, cruise policy, cruise line contact).

CruiseInfoRS - Used to provide miscellaneous structured cruise information (e.g. cruise ship characteristics, embark/debark time for cruise, cruise policy, cruise line contact etc).

CruiseBookRQ - The book request message requests booking creation on the cruise line system for a given sailing with a specific mode of transportation/ gateway city pair and currency and for a selected fare/category pair and a cabin number. It also integrates this booking into a GDS's PNR based on the cruise line reply. Optional request information can include: Guest city and Inclusive package.

CruiseBookRS - The book response message contains booking information for a given sailing with a specific mode of transportation/gateway city pair and currency and for a selected fare/category pair. This message contains similar information to a standard airline CRS or GDS sailing availability response message.

CruiseCancellationPricingRQ - The cancellation pricing request message is used to price the cancellation penalties if a reservation were to be cancelled.

CruiseCancellationPricingRS - The cruise cancellation pricing message returns the computed cancellation penalties.

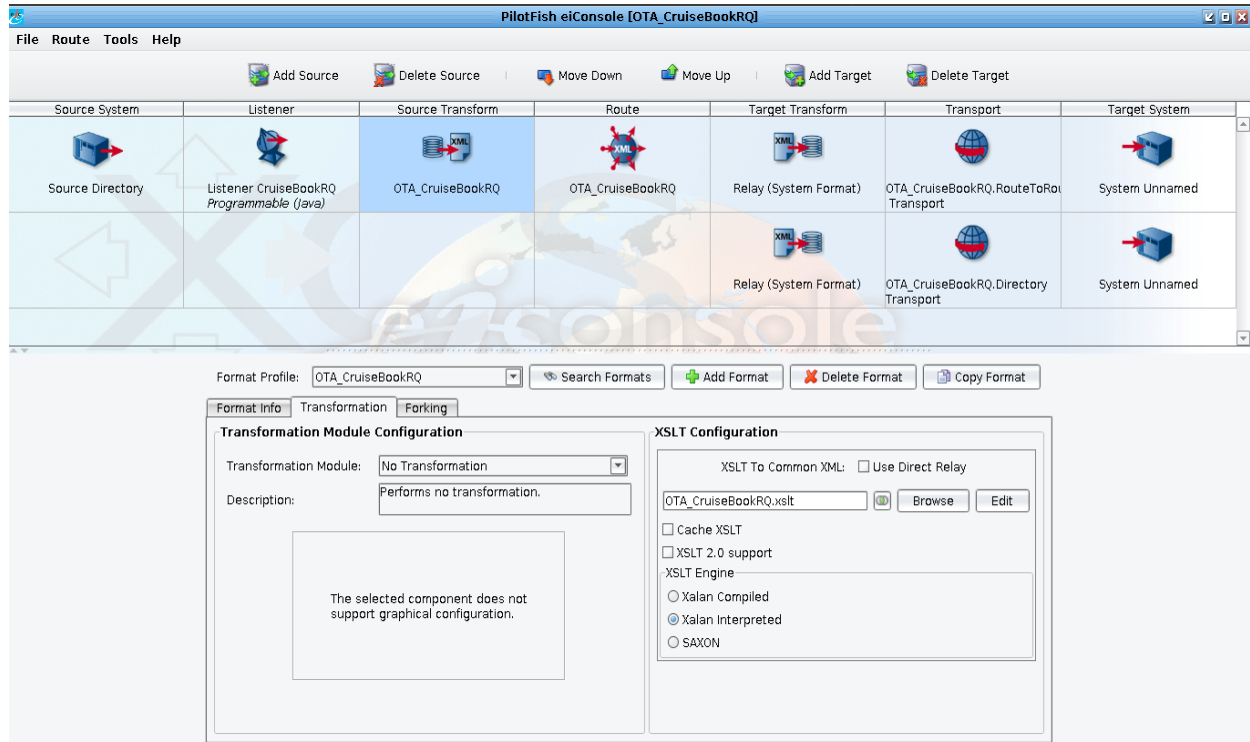
CruiseShorexAvailRQ - The shorex availability request message requests shore excursions for a given sailing and currency.

CruiseShorexAvailRS - The shorex availability response message contains shore excursion packages that are available for the given sailing/ports.



Let's walk through the sample.

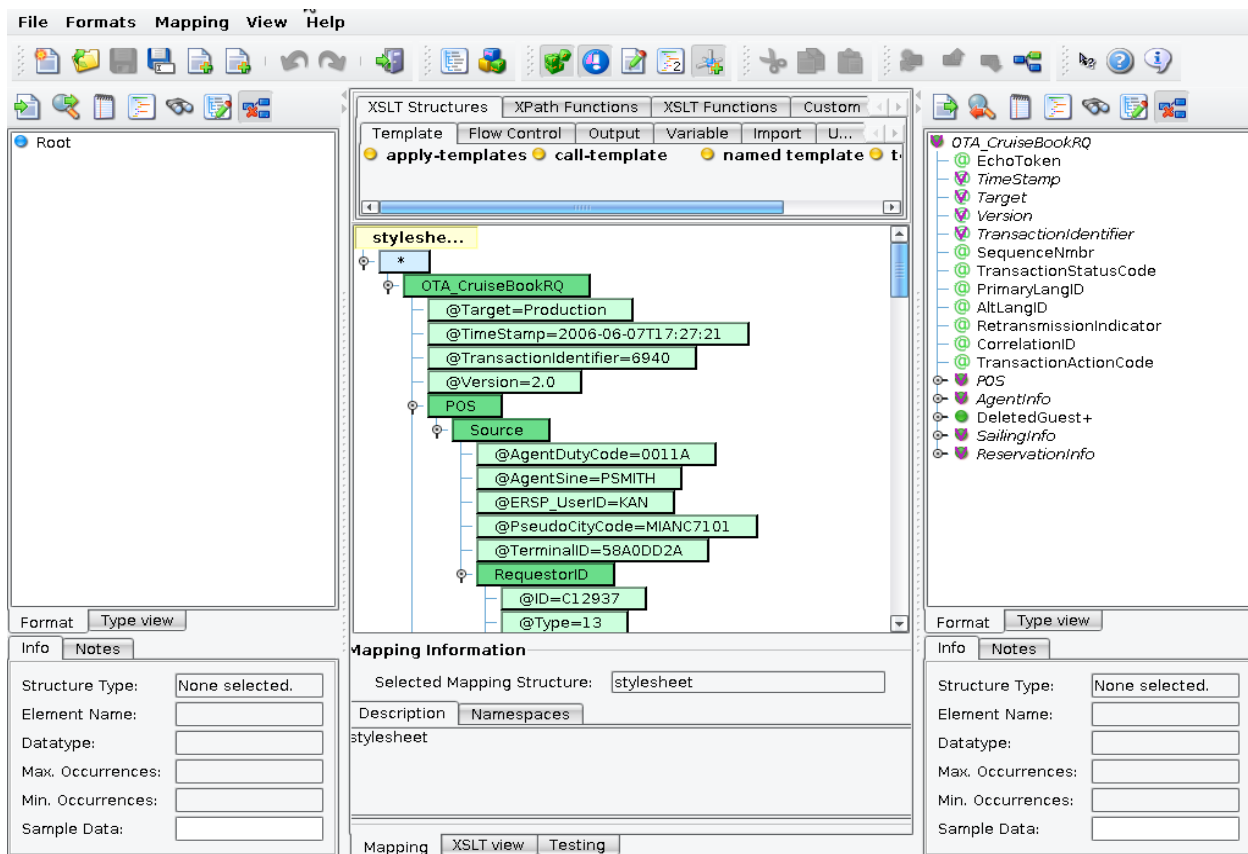
Open 'OTA_CruiseBookRQ', 'Source Transform', 'Transformation tab'. At 'XSLT Configuration' click 'Edit'.



Left part of Mapping Tool is empty. As default transformation we set parameters as constants, it doesn't matter what XML we use as input. Here you should load own schema and make transformation from it. Relations between input and output data you can set dragging and dropping elements at Mapping Tool pane.



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For OpenTavel Web services emulation purposes we use 'OTA_Service_Emulator' route. Using XPath we define to which route we should send input data.



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PilotFish eiConsole [OTA_SERVICE_EMULATOR]

Add Source
 Delete Source
 Move Down
 Move Up
 Add Target
 Delete Target

Listener	Source Transform	Route	Target Transform	Transport	Target System
OTA_SERVICE_EMULATOR.Progr: (Java) Listener	Relay (System Format)	OTA_SERVICE_EMULATOR	Relay (System Format)	OTA_SERVICE_EMULATOR.Synch Response Transport	System Un
			Relay (System Format)	OTA_CruiseBookRS_To_CruiseC: <i>Synchronous Response</i>	System Un

General | Routing Rules | Transaction Monitoring

Routing Configuration

Module Selection

Routing Module: XPath / Attribute

Module Description: Uses layered XPath expression to route transactions.

Module Configuration

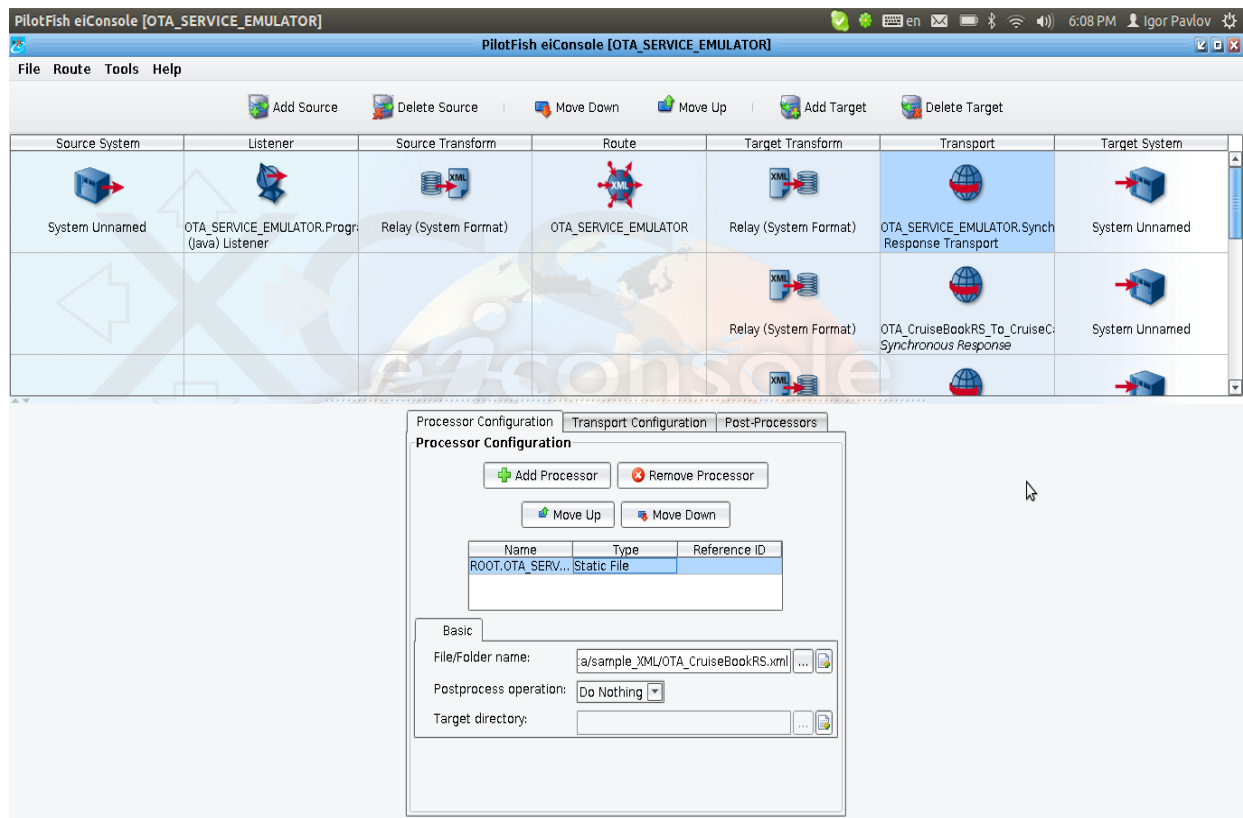
Rules

- Rule
 - XPath: /OTA_CruiseBookRQ
 - Transport: OTA_SERVICE_EMULATOR.Synchronous R
- Rule
 - XPath: /OTA_CruiseBookRS
 - Transport: OTA_CruiseBookRS_To_CruiseCancellation
- Rule
 - XPath: /OTA_CruiseCancellationPricingRQ
 - Transport: CruiseCancellationPricingRQ_To_CruiseC
- Rule
 - XPath: /OTA_CruiseInfoRQ
 - Transport: CruiseInfoRQ_To_CruiseInfoRS
- Rule
 - XPath: /OTA_CruiseInfoRS
 - Transport: CruiseInfoRS_To_CruiseInfoRQ

No component selected.

As default data for routes in this example we use sample xml files, eiConsole take files from local disk. It doesn't matter what XML was generated by previous route. If you want to use output data from previous route as input for next one, you should delete processor (processor gets data from XML file from disk) from 'Transport' properties.





If you need additional info about OpenTravel format or eiConsole, use links listed below:

<http://pilotfishtechnology.com>

<http://pie.pilotfishtechnology.com>

<http://a2aintegration.com>

<http://pie.pilotfishtechnology.com/wdi/rest/versions/OpenTravel-Transaction-Templates-77>



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