

Graphics bundle

Chapter 1:

The screenshot shows the Oracle Integration Cloud Service dashboard. At the top, the header includes the Oracle logo and the text "Integration Cloud Service". On the right side of the header, there are icons for a gear, a calendar, and a user profile labeled "admin@oracle-inte...". Below the header is a navigation bar with tabs for "Home", "Designer", "Monitoring", and "Administration". The main content area starts with a welcome message: "Welcome admin@oracle-integration.cloud!". Below this is a brief instruction: "Create an integration to connect your cloud and on-premise applications in a continuous business flow. A great integration starts with creating connections to the applications you want to use, and then mapping information between those applications." To the right of this text is a "Show Me How" button with a right-pointing arrow. The section is titled "Start Here" and contains three main cards. The first card is green and titled "Create Connections", with a sub-section "Connections" and a description: "Define connections to the cloud and on-premise applications you want to integrate." It includes links for "Learn More" and "Show Me". The second card is blue and titled "Create and Activate your Integrations", with a sub-section "Integrations" and a description: "Connect two cloud applications, and define how they interact with each other." It includes links for "Learn More" and "Show Me". The third card is orange and titled "Monitor Integrations on the Dashboard", with a sub-section "Dashboard" and a description: "View the current state of your running integrations and fix any errors that occur." It includes links for "Learn More" and "Show Me".



Integrations

Connect two cloud applications, and define how they interact with each other.



Connections

Define connections to the cloud and on-premise applications you want to integrate.



Lookups

Map the different values used by your applications to describe the same things, like country or state codes.



Packages

Group related integrations into a single package to make them easy to import and export. You create a package when you create an integration.



Agents

Connect to on-premise applications.



Adapters

Adapter helps to connect to your application.

TypicalWorkflow

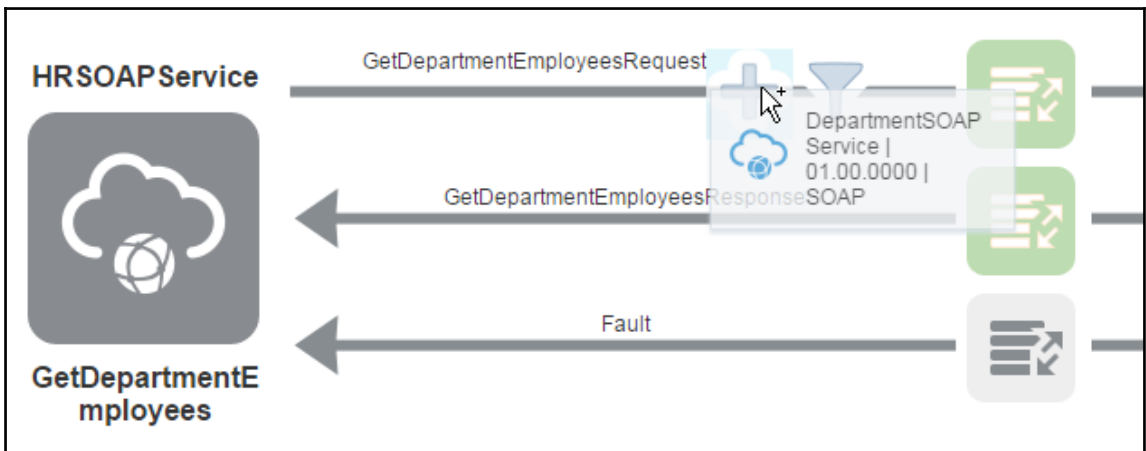
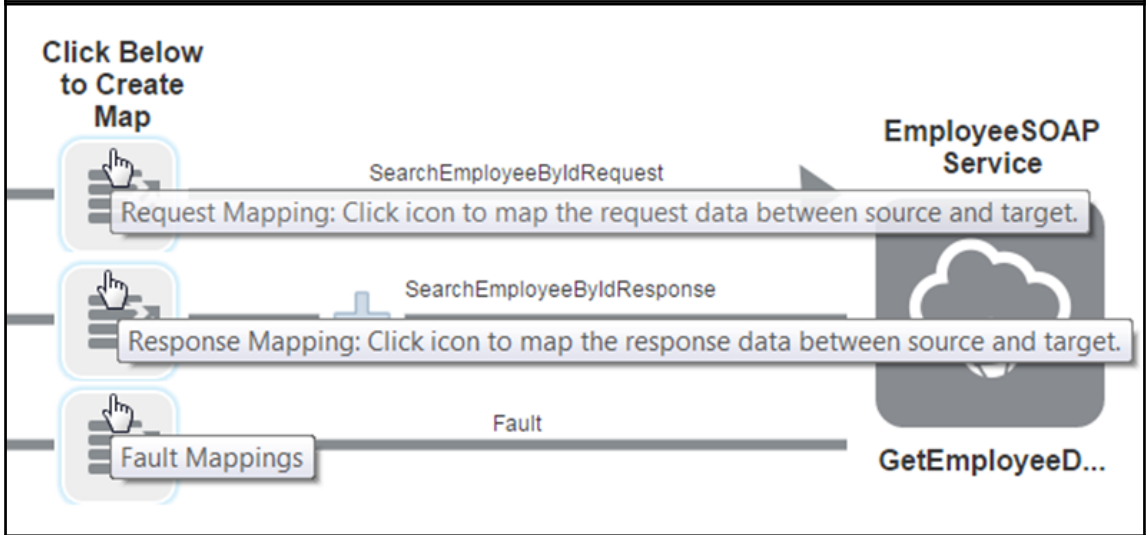
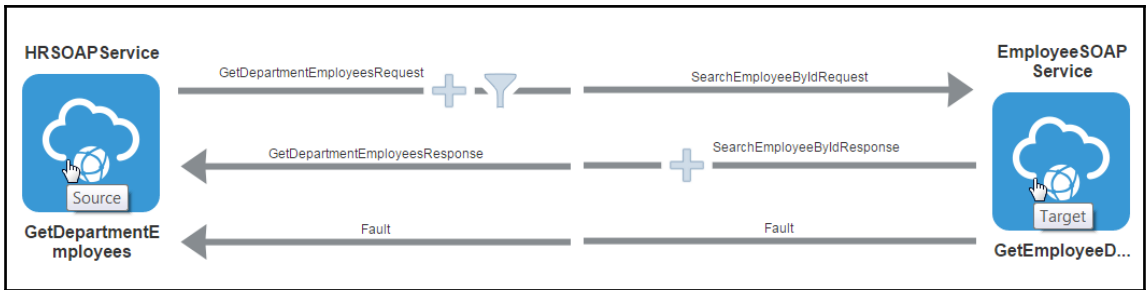
Drag and Drop a Trigger

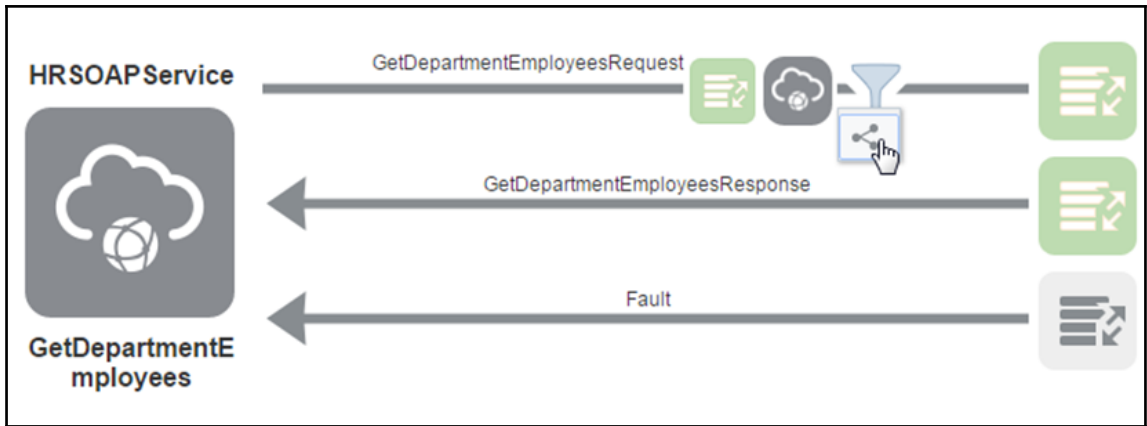
Drag and Drop an Invoke

Connections


Find by name...

- 11(EbizDB | Database
- AcmeTwitterConnection | Twitter
- AirportData2_ChE | FTF
- AirportUpdate_Ch9 | SOAP





New Connection > Sep 28, 2016 8:46:50 AM UTC ↺

 **Connections**

Create Connection - Select Adapter

All

Search



Click "Select" for the type of connection to create.



Oracle ERP Cloud



Select

Oracle Field Service Cloud



Select

Oracle HCM Cloud



Select

Oracle Messaging Cloud Service



Select

Oracle RightNow



Select

Oracle Sales Cloud



Select

Oracle Siebel



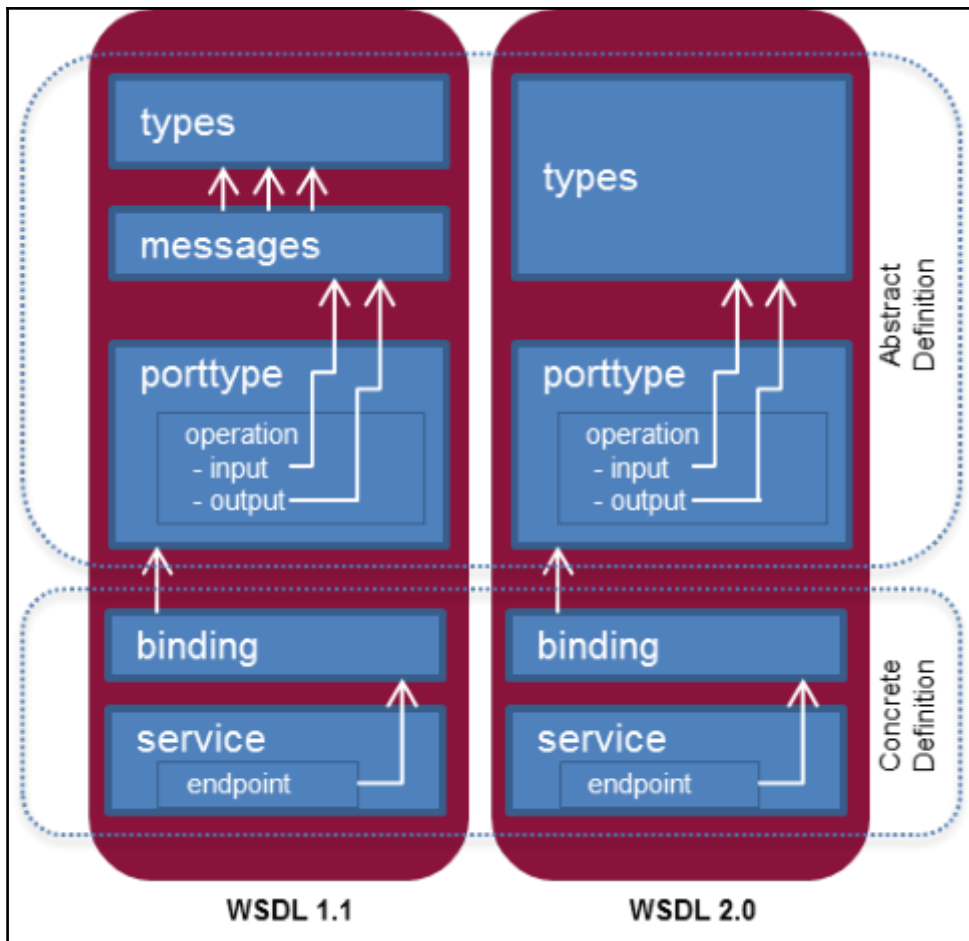
Select

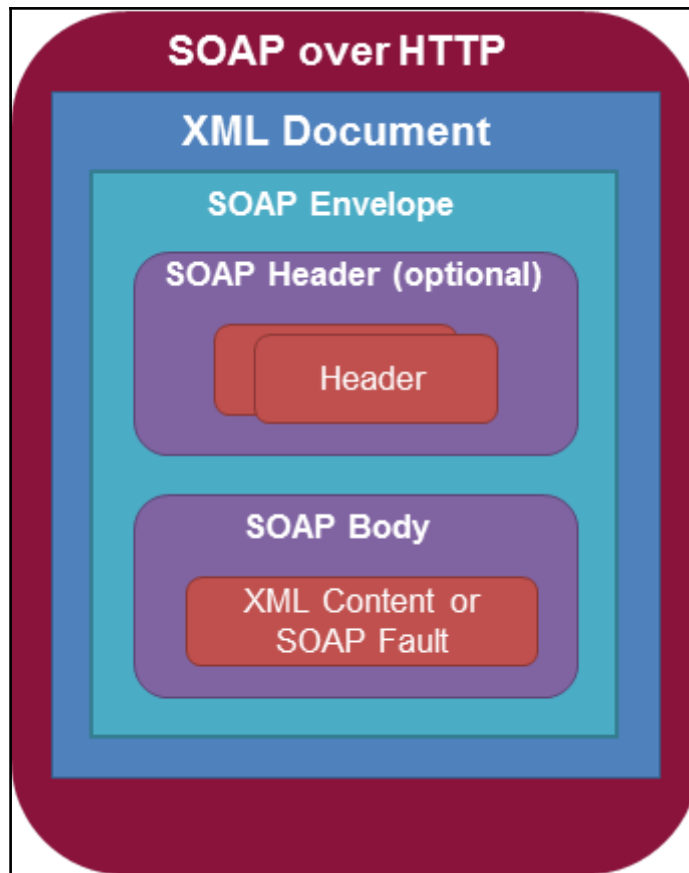
Responsys

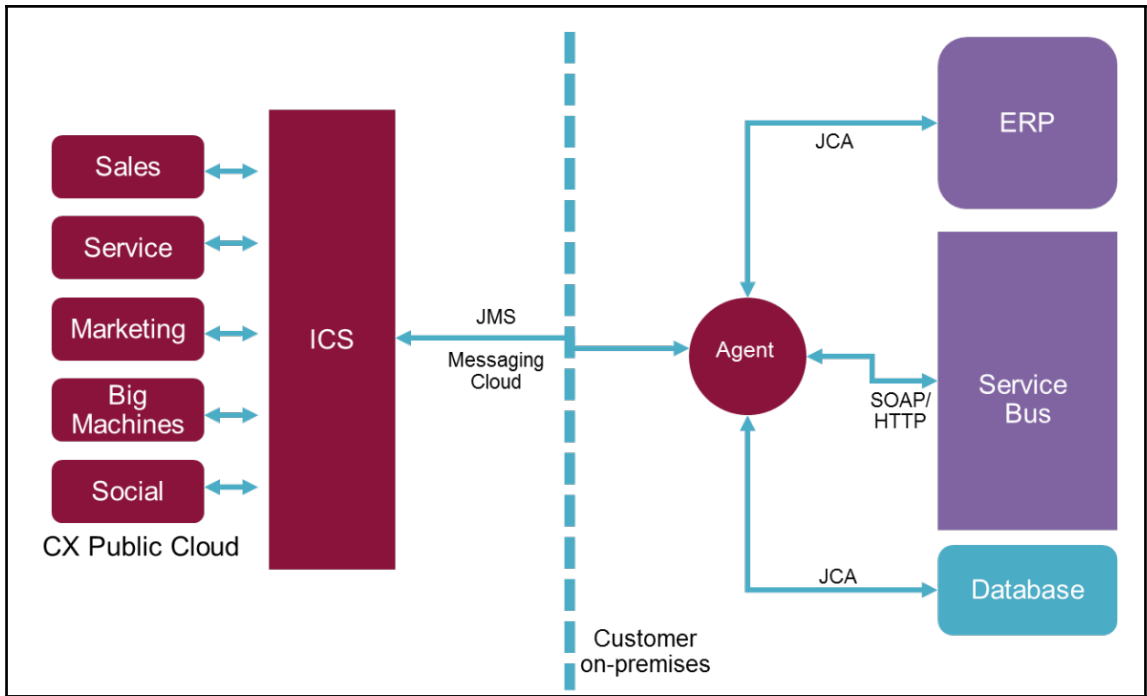


Select









Cancel







<p>Execution Agent Group</p> <p>EXECUTION AGENTS</p> <p>Default group used for Execution Agents</p>	<p>1</p> <p>AGENT(S)</p>	<p>i ☰</p>
--	---------------------------------	--------------------------------------

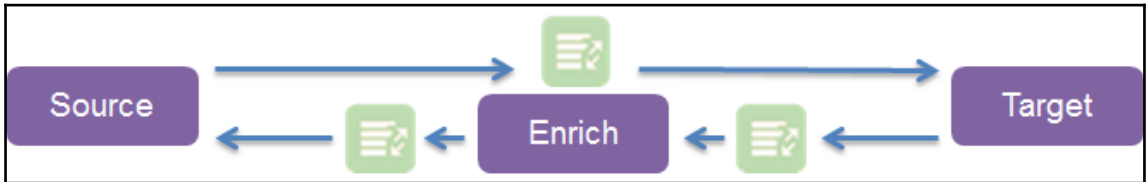
<p>Evernote</p>  <p>Select</p>	<p>FaceBook</p>  <p>Select</p>	<p>Google Calendar</p>  <p>Select</p>	<p>Google Mail</p>  <p>Select</p>
<p>Google Task</p>  <p>Select</p>	<p>LinkedIn</p>  <p>Select</p>	<p>MailChimp</p>  <p>Select</p>	<p>Microsoft Calendar</p>  <p>Select</p>

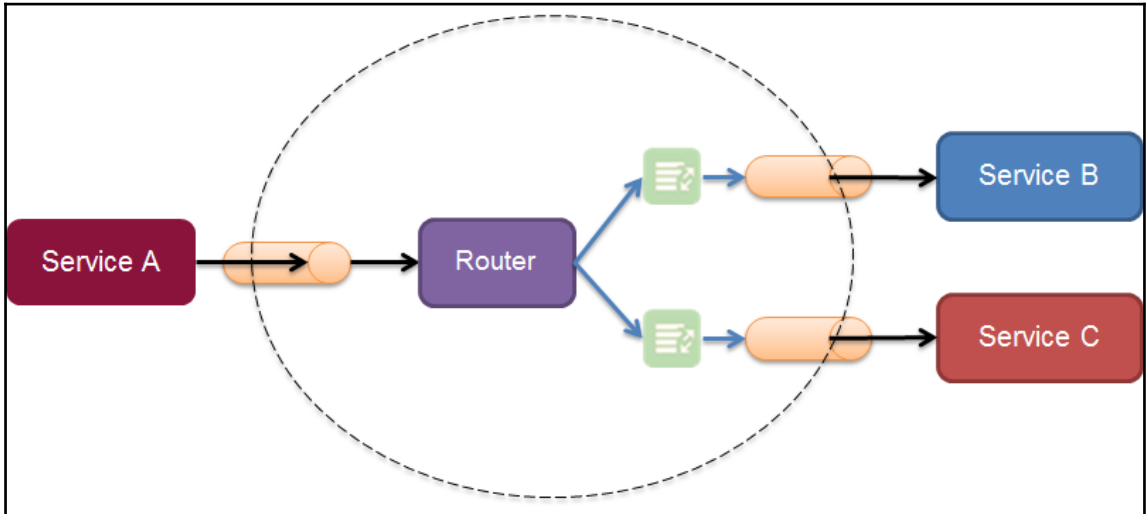
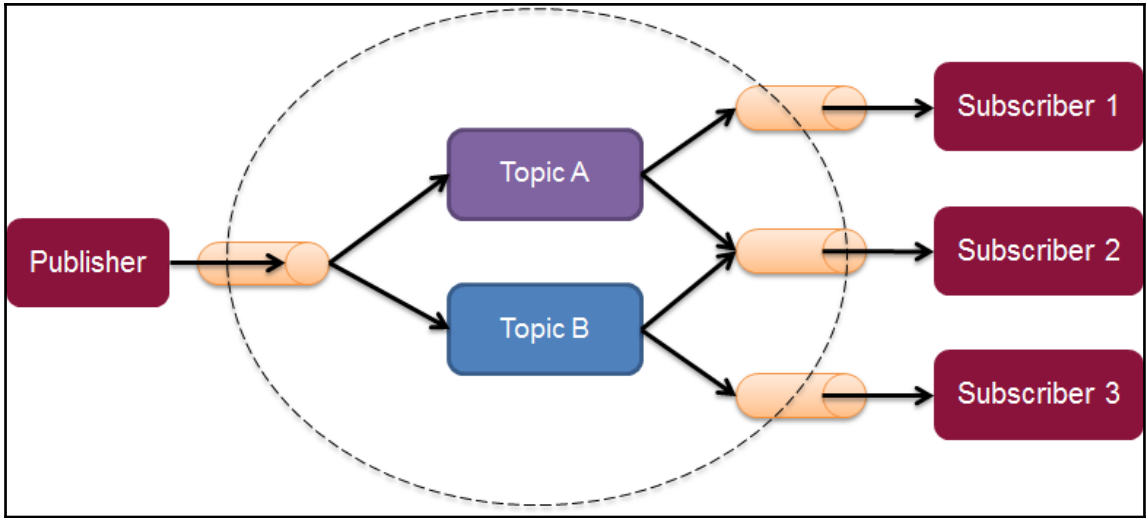
☰ | Integrations

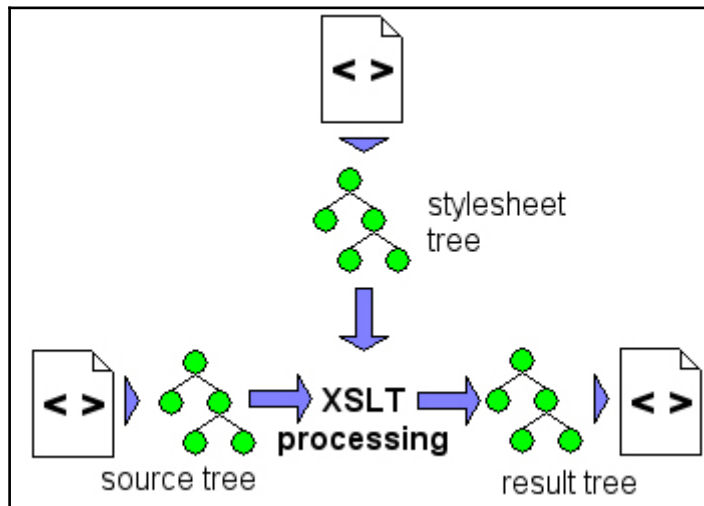
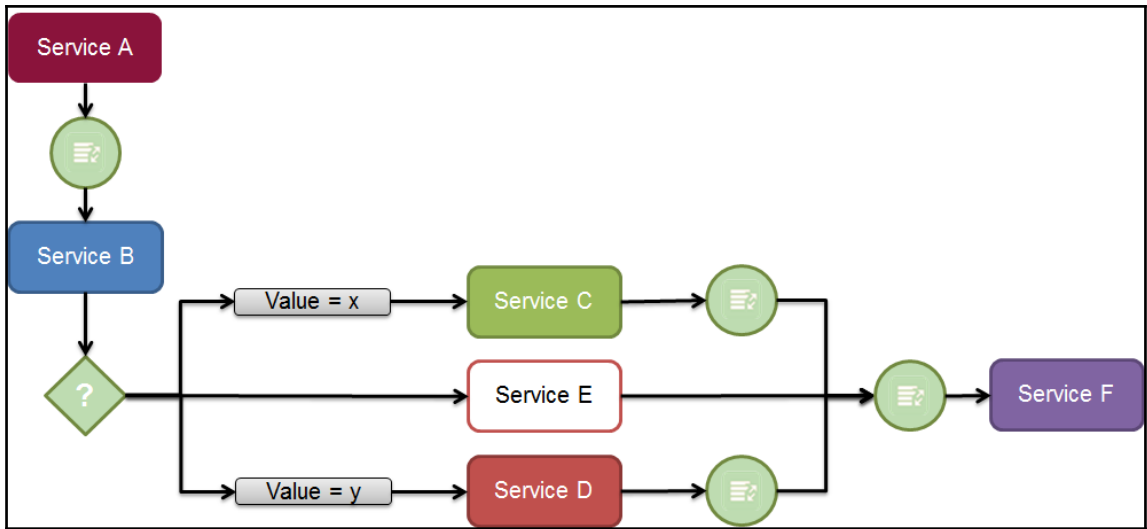
⬆️ Import Integration Create New Integration >

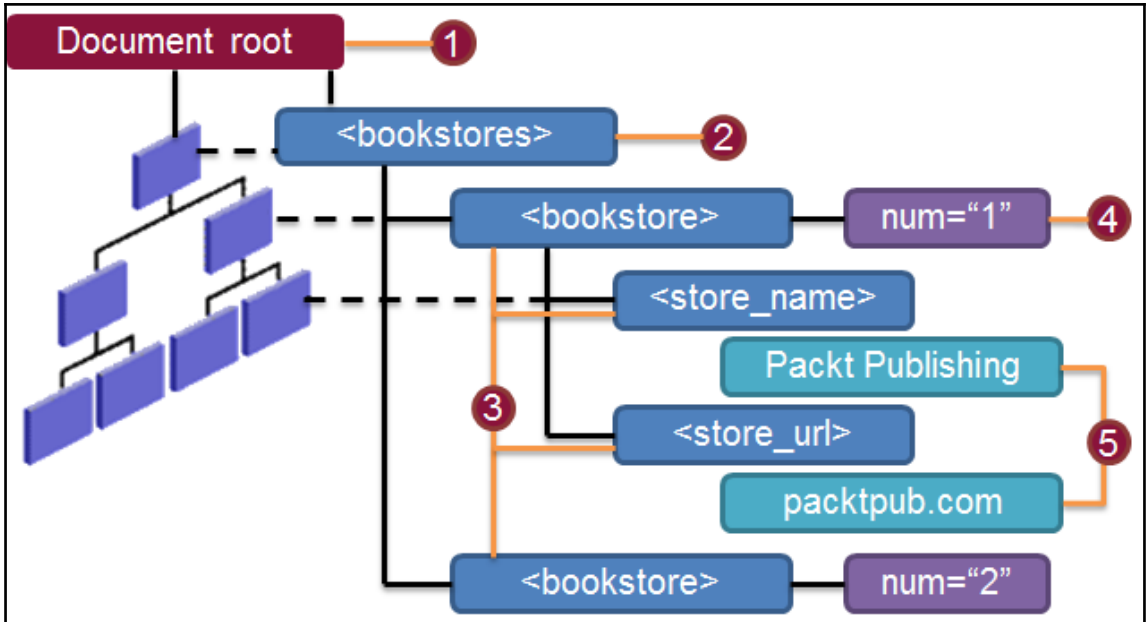
All Sort By: Last Update ▼ Show: All ▼



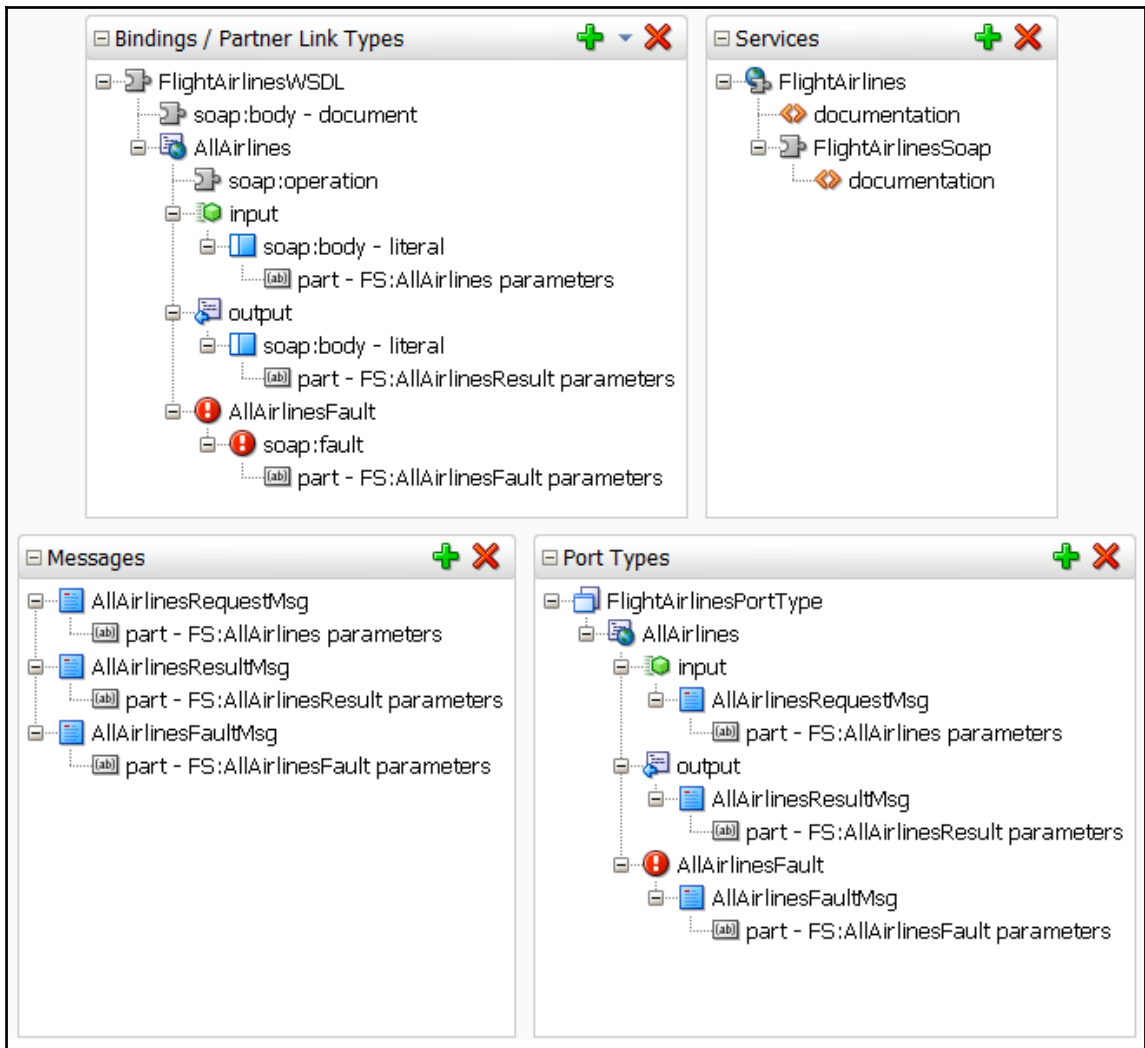
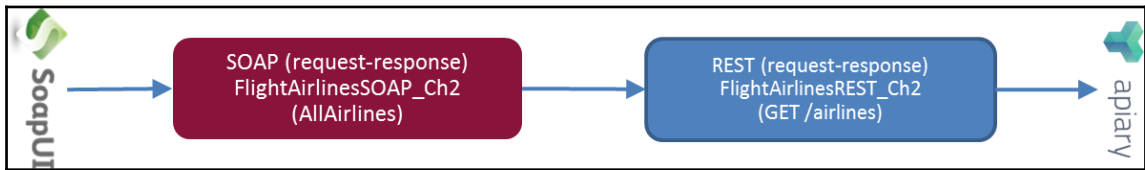


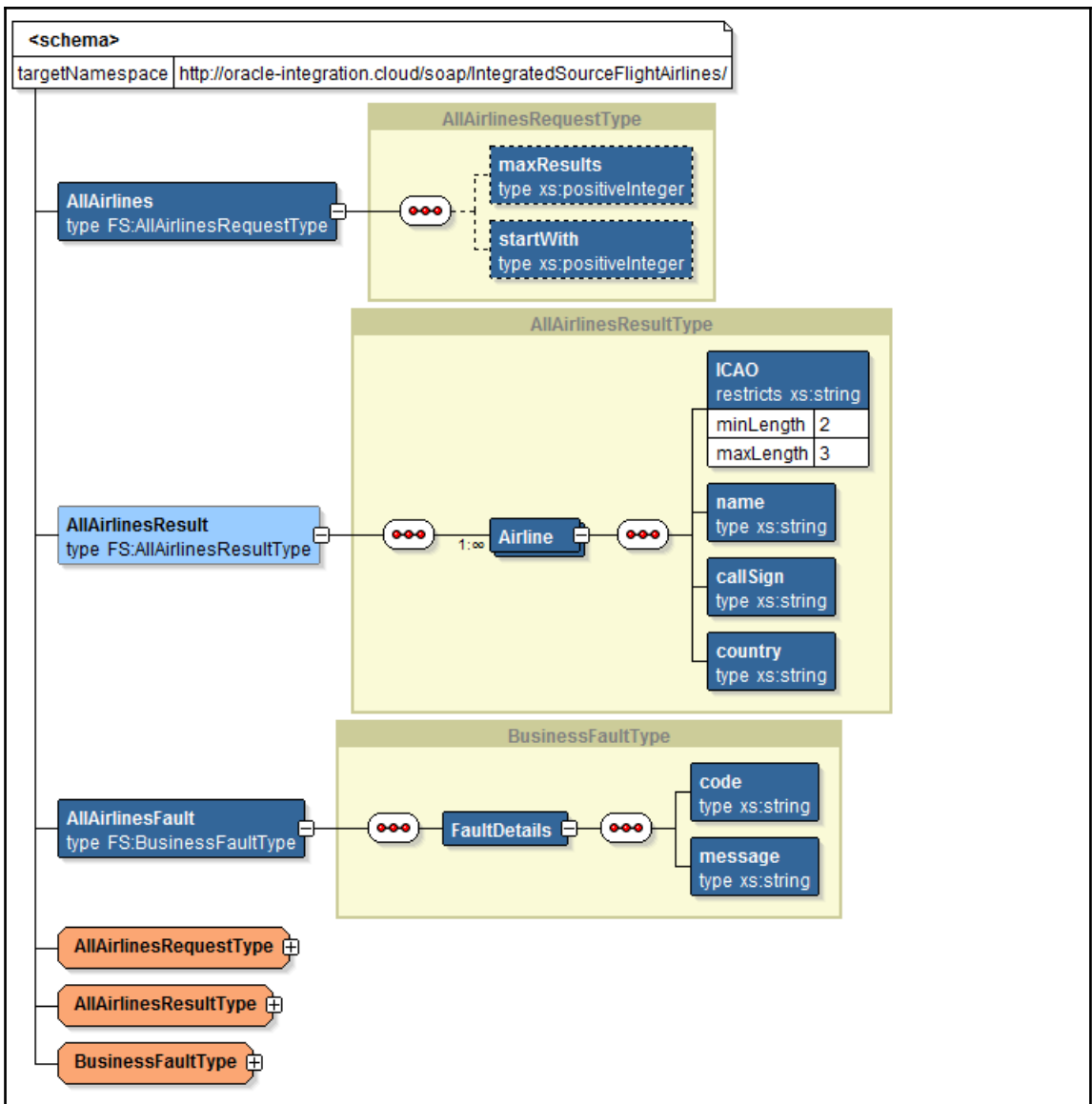






Chapter 2:





Name your first API

ICSFlightsAPI

icsflightsapi.apiry.io

The final subdomain will be unique across all APIs in apiry. You can change it anytime later in the Settings.

Start your API in [API Blueprint](#) ▾

You can change selected format anytime.

SAVE AND START USING APIARY

API Blueprint Syntax Tutorial

Valid document Preview On Save & Publish

```
1 FORMAT: 1A
2
3 # ICS Flights API
4
5 Flights is a simple API allowing consumers to view aviation data e.g. airlines and flight data.
6 This API is used in the several chapters of the book **Implementing Oracle Integration Cloud Service**.
7
8 # Airlines [/airlines]
9
10 Airlines resource for retrieving airline information.
11 Retrieve a list of all airlines or information of a specific airline.
12
13 ## Retrieve All Airlines [GET]
14 + Response 200 (application/json)
15   + Attributes (array[AllAirlines])
16
17
18 # Data Structures
19
20 ## AllAirlines (object)
21 + airline (array[AirlineBAM, AirlineDLH, AirlineKLM, AirlineUAL])
22
23 ## AirlineBAM (object)
24 + icao: BW (string, required)
25 + name: British Airways (string, required)
26 + callsign: SPEEDBIRD (string)
27 + country: United Kingdom (string)
28
29 ## AirlineDLH (object)
30 + icao: DLH (string, required)
31 + name: lufthansa (string, required)
32 + callsign: LUFTHANSA (string)
33 + country: Germany (string)
34
35 ## AirlineKLM (object)
36 + icao: KLM (string, required)
37 + name: KLM (string, required)
38 + callsign: KLM (string)
39 + country: The Netherlands (string)
40
41 ## AirlineUAL (object)
42 + icao: UAL (string, required)
43 + name: United Airlines (string, required)
44 + callsign: UNITED (string)
45 + country: United States (string)
```

ICS Flights API

INTRODUCTION

Airlines

Flights is a simple API allowing consumers to view aviation data e.g. airlines and flight data. This API is used in the several chapters of the book **Implementing Oracle Integration Cloud Service**.

REFERENCE

Airlines

Airlines resource for retrieving airline information. Retrieve a list of all airlines or information of a specific airline.

[Retrieve All Airlines](#) >

```
1 FORMAT: 1A
2
3 # ICS Flights API
4
5 Flights is a simple API allowing consumers to view aviation data e.g. airlines and flight data.
6 This API is used in the several chapters of the book **Implementing Oracle Integration Cloud Service**.
7
```



```
8 ▾ # Airlines [/airlines]
9
10 Airlines resource for retrieving airline information.
11 Retrieve a list of all airlines or information of a specific airline.
12
13 ▾ ## Retrieve All Airlines [GET]
14 + Response 200 (application/json)
15   + Attributes (array[AllAirlines])
16
```

```
18 ▾ # Data Structures
19
20 ▾ ## AllAirlines (object)
21 + airline (array[AirlineBAW, AirlineDLH, AirlineKLM, AirlineUAL])
22
23 ▾ ## AirlineBAW (object)
24 + icao: BAW (string, required)
25 + name: British Airways (string, required)
26 + callsign: SPEEDBIRD (string)
27 + country: United Kingdom (string)
28
29 ▾ ## AirlineDLH (object)
30 + icao: DLH (string, required)
31 + name: Lufthansa (string, required)
32 + callsign: LUFTHANSA (string)
33 + country: Germany (string)
34
35 ▾ ## AirlineKLM (object)
36 + icao: KLM (string, required)
37 + name: KLM (string, required)
38 + callsign: KLM (string)
39 + country: The Netherlands (string)
40
41 ▾ ## AirlineUAL (object)
42 + icao: UAL (string, required)
43 + name: United Airlines (string, required)
44 + callsign: UNITED (string)
45 + country: United States (string)
```

REFERENCE
Switch to Example

Airlines

Airlines resource for retrieving airline information.
Retrieve a list of all airlines or information of a specific airline.

Retrieve All Airlines >

✕
Airlines / Retrieve All Airlines

GET `http://private-85e4b-icsflightsapi.apiary-mock.com/airlines`

Headers

Add a new header

Reset Values
Mock Server ▾
Call Resource

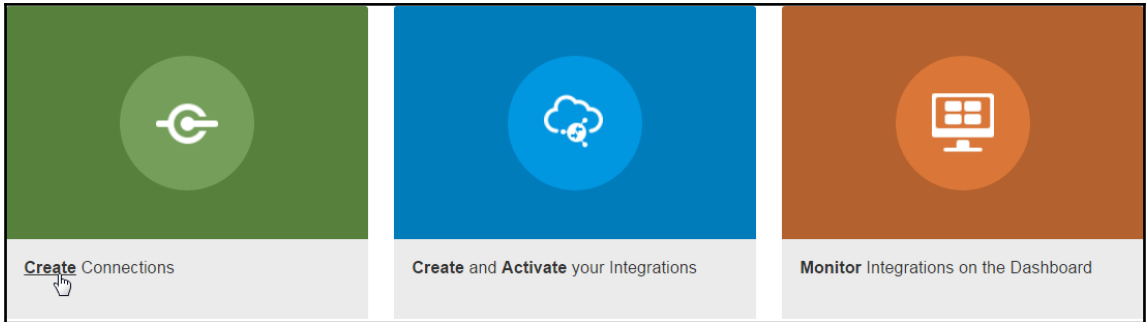
Sent
Compare
Code Example

You haven't made any call yet. To see the diff, please make a call.

ICS Flights API
Documentation Inspector Editor Tests

Listening at `http://private-85e4b-icsflightsapi.apiary-mock.com`
Show Missed Request

Resource	Method	Status	Source	Time
● /airlines	GET	200	54.205.211.199	2 minutes ago
● /airlines	GET	200	54.163.210.80	3 minutes ago



Create Connection - Select Adapter

All

Click "Select" for the type of connection to create.

 SOAP

New Connection - Information

Enter information that describes the connection. Use a meaningful name and description to help others find your connection when they create their own integrations. The Identifier must be unique and can be set only when the connection is created.

* Connection Name

* Identifier

Connection Role

Description

Connection Properties

Enter information so we can connect to your application/endpoint and process requests.

Property Name	Upload File	Property Value
* WSDL URL	<input checked="" type="checkbox"/> Upload	ICSBook-Ch2-FlightAirlines-Source.WSDL
Target Server's TLS version (Optional)		< Please select an item from the list > ▼
Suppress insertion of timestamp into the req		< Please select an item from the list > ▼
Ignore timestamp in the response message		< Please select an item from the list > ▼

OK Cancel

Credentials

You can configure the Security Policy for this connection. Please select the Security Policy.

Security Policy: No Security Policy ▼

- Basic Authentication
- Username Password Token
- No Security Policy

OK Cancel

✔ The connection test was successful!

← Exit Connection

Save
 Delete
 Test 100%

FlightAirlinesSOAP_Ch2

Use this page to configure connection details, such as email contact, connection properties, and connection login credentials. When complete, click Test to test your connection. If the connection test is successful, click Save.

Identifier: FLIGHTAIRLINESSO_CH2

Adapter: SOAP

Connection Role: Trigger

Description: This receives in Airline objects as a SOAP service.

Connection Administrator
You can receive email notifications when problems or changes occur in this connection. Enter the email address to receive these notifications.

Email Address:

Connection Properties Configure Connectivity


Click Configure Connectivity to specify information to connect to your application/endpoint and process requests.

WSDL URL ICSBook-Ch2-FlightAirlines-Source.WSDL

Create Connection - Select Adapter

All REST

Click "Select" for the type of connection to create.

 REST

Integrations

- Connections
- Agents
- Lookups
- Packages
- Adapters

New Connection


Connection


CONNECTION NAME contains FlightAirlinesSOAP_Ch2

FlightAirlinesSOAP_Ch2
SOAP
This receives in Airline objects as

Connection Properties


Click **Configure Connectivity** to specify information to connect to your application/endpoint and process requests.

 **Connection Type** REST API Base URL

 **Connection URL** http://private-85e4b-icsflightsapi.apiary-mock.com

Security

Click **Configure Credentials** to specify the login credentials to access your application/endpoint.

 **Security Policy** No Security Policy

Integrations


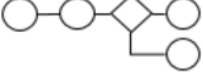


Dec 12, 2016 6:00:27 PM UTC

Filter by

- Integrations
- Connections
- Agents

Create Integration - Select a Style/Pattern


How would you like to build your integration? Select a style/pattern to use.

<p>Basic Map Data</p>  <p>Drop trigger and invoke onto an empty template</p> <p>Select</p>	<p>Orchestration</p>  <p>Drop trigger and invoke onto a blank canvas</p> <p>Select</p>	<p>Basic Publish To ICS</p>  <p>Connect your trigger to send messages to ICS</p> <p>Select</p>	<p>Basic Subscribe To ICS</p>  <p>Add invokes to receive messages from ICS</p> <p>Select</p>
---	---	---	---

Cancel

Create New Integration

Enter information that describes this integration.



Describe this integration Use a meaningful name and description that will help others find and understand this integration. The Identifier and Version can be set only when the integration is created. The combination of Identifier and Version must be unique.

<p>* What do you want to call your integration?</p> <input type="text" value="RetrieveAllAirlines_Ch2"/>	<p>What does this integration do?</p> <input type="text" value="This integration demonstrates point to point connectivity for retrieving all airlines for REST/JSON back-end"/>
<p>* Identifier</p> <input type="text" value="RETRIEVEALLAIRLI_CH2"/>	<p>Which package does this integration belong to?</p> <input type="text" value="ics.book.ch2"/>
<p>* Version</p> <input type="text" value="01.00.0000"/>	

Create **Cancel**

RetrieveAllAirlines_Ch2

Drag and Drop a Trigger

FlightAirlinesSOA
P_Ch2 |
01.00.0000 |
SOAP

Drag and Drop an Invoke

Connections

_CH2
🔍 ✕

FlightAirlinesRES
T_Ch2 |
01.00.0000 |
REST

FlightAirlinesSOA
P_Ch2 |
01.00.0000 |
SOAP

Basic Info

Operations

Summary

*** What do you want to call your endpoint?**

Source

What does this endpoint do?

receives SOAP request to get list of all airlines

✔ Basic Info

Operations

Summary

Selected Port Type	FlightAirlinesPortType
Selected Operation	AllAirlines
Request Object	AllAirlinesRequestMsg
Response Object	AllAirlinesResultMsg
Fault Object	AllAirlinesFault
Disable SoapAction validation	<input checked="" type="radio"/> No <input type="radio"/> Yes

✓ Basic Info	WSDL URL ICSBook-Ch2-FlightAirlines-Source.WSDL
✓ Operations	Selected Port Type FlightAirlinesPortType
Summary	Cloud Operation AllAirlines
	Message Exchange Pattern Request-Response
	Disable SoapAction validation No

Basic Info	* What do you want to call your endpoint?
Request Parameters	Target
Request	What does this endpoint do?
Request Headers	receives a list of all airline from an external REST service
Response	* What is the endpoint's relative resource URI?
Response Headers	/airlines
Summary	* What action does the endpoint perform?
	GET
	Based on your selections, you can add parameters or configure a request and/or response for this endpoint.
	Select any options that you want to configure:
	<input type="checkbox"/> Add and review parameters for this endpoint
	<input type="checkbox"/> Configure a request payload for this endpoint
	<input checked="" type="checkbox"/> Configure this endpoint to receive the response

- ✔ Basic Info
- Request Parameters
- Request
- Request Headers
- Response
- Response Headers
- Summary

Select the response payload file

XML Schema JSON Sample

Sample Location No file chosen --OR-- enter sample JSON <<< inline >>>

Select the type of payload with which you want the endpoint to reply

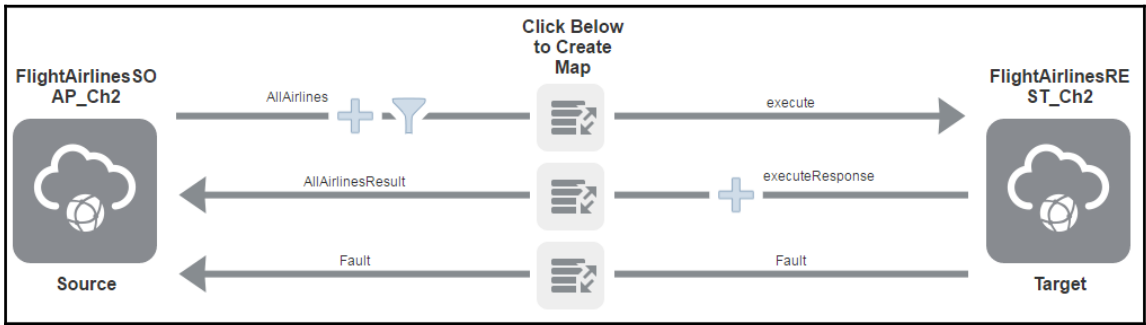
XML

XML(text)

JSON

Other Media Type

Media Type



Build Mappings

Source

View Filter Detach Map

Find...

- *AllAirlines
 - <> maxResults
 - <> startWith

Mapping Components

Variables

Mapping Help Save Revert Actions

Target Element /execute

Statement

```
<nstrgmp.execute>
```

-- Drop and Drop or Type here --

AllAirlines

Close

Exit Mapper Map: executeResponse to AllAirlinesResult Save

View Filter Detach Map

Source Find... Mappings

- *executeResponse
- *response-wrapper
 - *airline ✓
 - *icao ✓
 - *name ✓
 - *callsign ✓
 - *country ✓
- \$SourceApplicationObject
 - *AllAirlines
 - maxResults
 - startWith

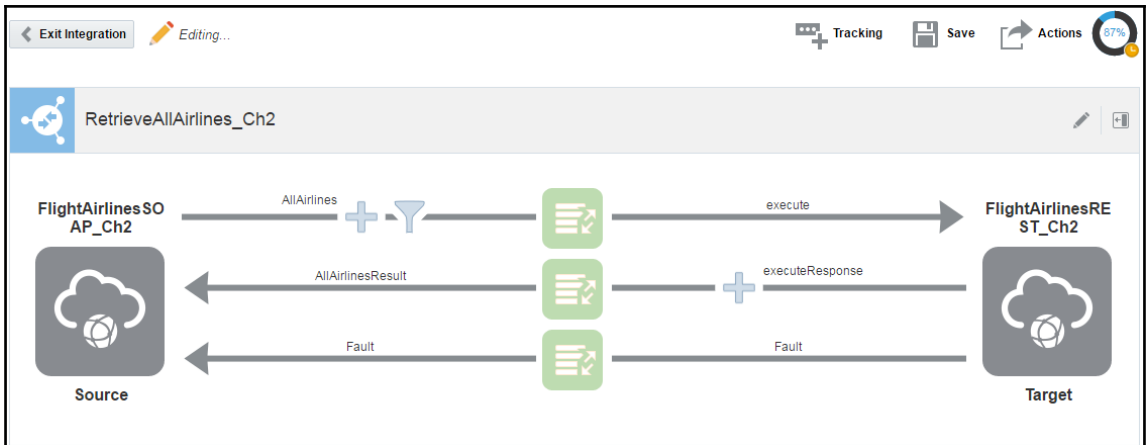
Target Find... Mapping

- *AllAirlinesResult
 - *Airline
 - for-each(airline)
 - *ICAO icao
 - *name name
 - *callsign callsign
 - *country country

Fault Mappings

Fault	Route To	Map
APIInvocationE...	AllAirlinesFau AllAirlinesFault	

Close



Primary	Tracking Field	Tracking Name	Help Text	
<input checked="" type="checkbox"/>	maxResults	max Results	How to track it?	
<input type="checkbox"/>	startWith	start With	How to track it?	
	Drag a trigger field here	What to call it?	How to track it?	

Done Cancel

RetrieveAllAirlines_Ch2 (1.0)

MAP DATA


This integration demonstrates point to

i ☰
 PENDING ACTIVATION

Confirmation

Are you sure you want to activate integration "RetrieveAllAirlines_Ch2"?

Enabling tracing may log sensitive information from payload. Log files may be available for downloading and viewing. Enabling tracing is not recommended in a production environment.

Enable tracing including payload into Activity Stream 

Yes **No**

RetrieveAllAirlines_Ch2 (1.0)

MAP DATA

This integration demonstrates point to point connectivity for retrieving all airlines for REST/JSON back-end

Description: This integration demonstrates point to point connectivity for retrieving all airlines for REST/JSON back-end

Identifier: RETRIEVEALLAIRLI_CH2

Package Name: ics.book.ch2

Endpoint URL: https://ics.integration.us2.oraclecloud.com:443/integration/flowsvc/soap/RETRIEVEALLAIRLI_CH2/v01/?wsdl

New SOAP Project

Creates a WSDL/SOAP based Project in this workspace

Project Name:

Initial WSDL: **Browse...**

Create Requests: Create sample requests for all operations?

Create TestSuite: Creates a TestSuite for the imported WSDL

Relative Paths: Stores all file paths in project relatively to project file (requires save)

OK **Cancel**

Authorization: Basic

Username: admin@oracle-integration.cloud

Password: ●●●●●●●●

Domain:

Pre-emptive auth: Use global preference Authenticate pre-emptively

Auth (Basic) Headers (0) Attachments (0) WS-A WS-RM JMS Headers JMS Property (0)

Monitoring

Integrations

All (115)

Push Integrations (113)

Scheduled (2)

Agents

Tracking

Errors

Integrations Last 3 Days

All Ch2

Sort by: Last Update

RetrieveAllAirlines_Ch2 1.0

Last Message 42 minutes ago

1	1	1	0
Received	Processed	Success	Errors

Monitoring | Integrations | Agents | Tracking | Errors

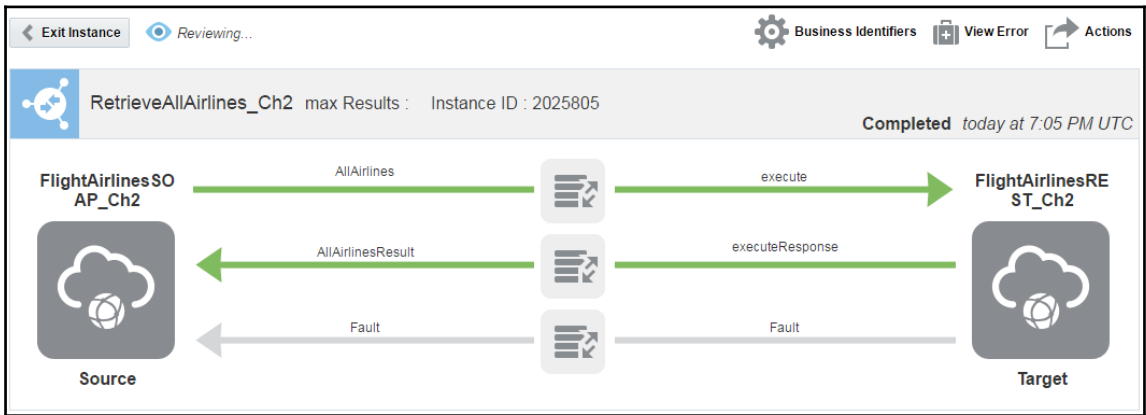
Tracking | Last 3 Days

All Filter by Sort by: Time

INTEGRATION is RetrieveAllAirlines_Ch2 (1.0)

max Results: Instance ID: 2025805
RetrieveAllAirlines_Ch2 | 1.0

COMPLETED Completed today at 7:05 PM UTC





Audit Trail

Activity

- Message received from trigger application.
- Processing started.
- Processing completed successfully.

Latest tracked activity time: **today at 7:05 PM UTC**

Resource	Method	Status	Source	Time
 /airlines	GET	200	10.66.153:154	2 hours ago 

This is a valid API request.

Call Header

Response Header

[Show Expected](#)

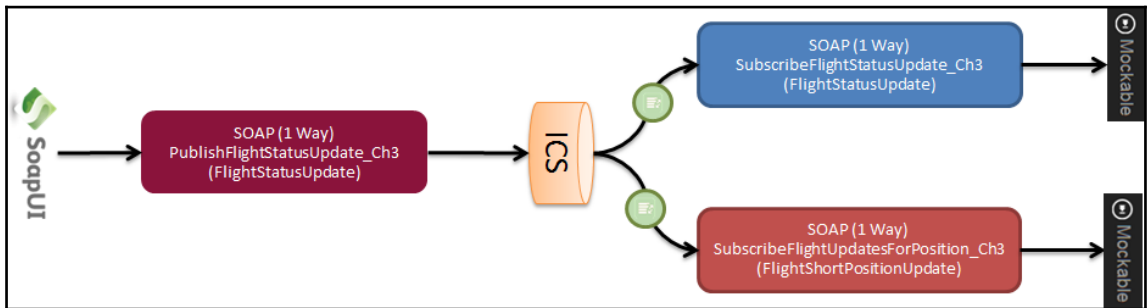
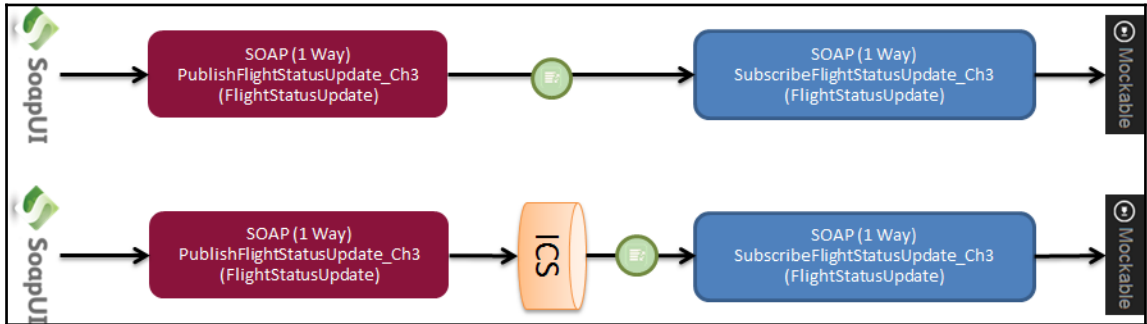
```
Content-Type: application/json
+ Access-Control-Allow-Origin: *
+ Access-Control-Allow-Methods: OPTIONS,GET,HEAD,POST,PUT,DELETE,TRACE,CONNECT
+ Access-Control-Max-Age: 10
+ x-apiary-transaction-id: 5766ece9e32d200b0051f873
+ Content-Length: 575
```

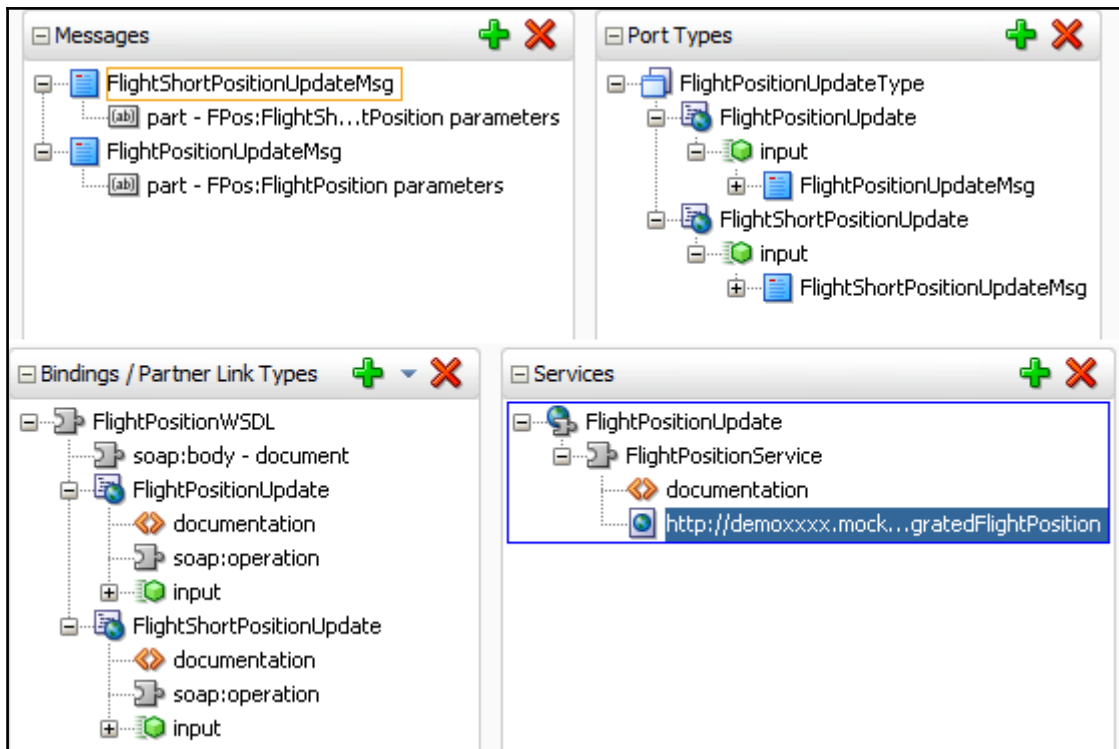
Response Body

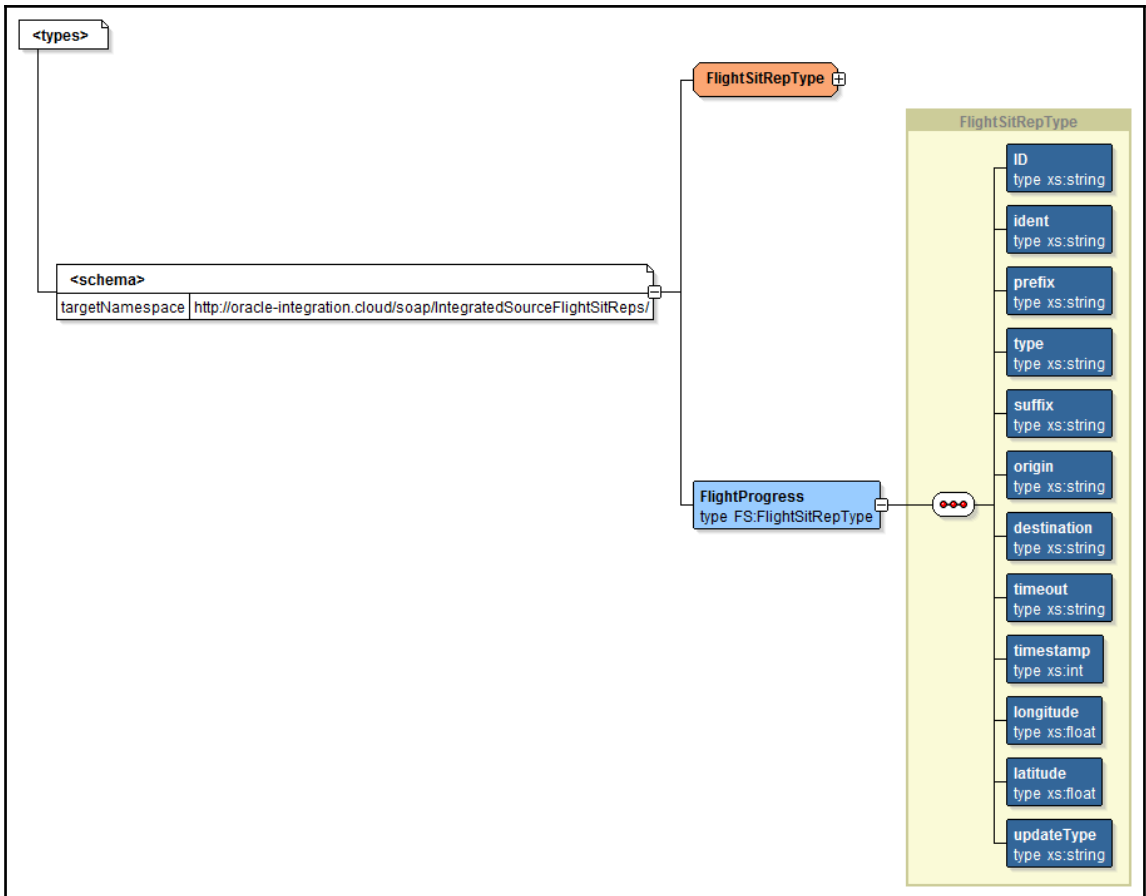
[Show Expected](#)

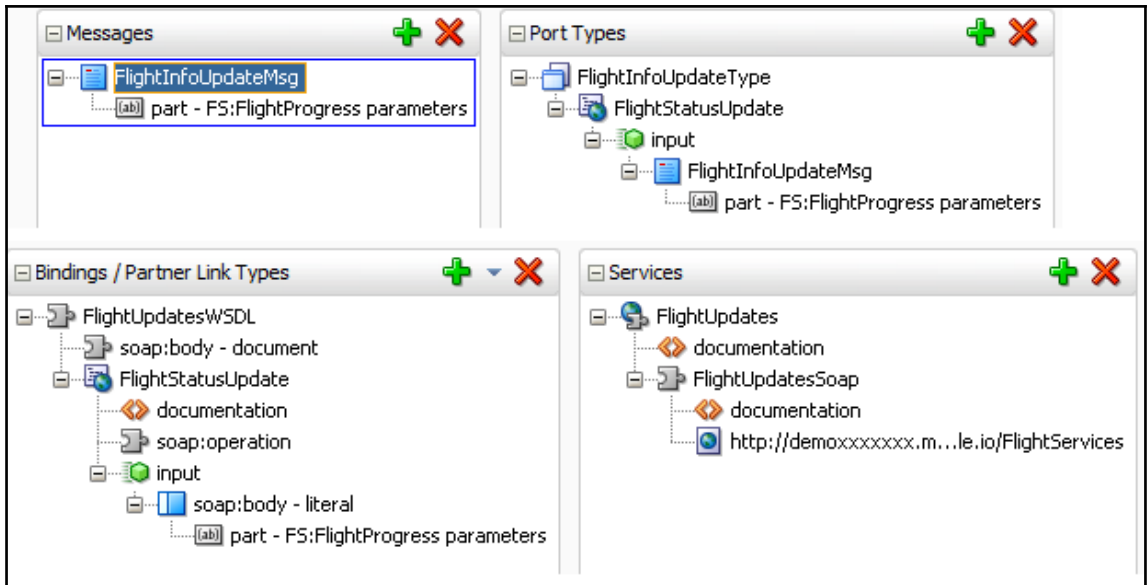
```
[
  {
    "airline": [
      {
        "icao": "BAW",
        "name": "British Airways",
        "callsign": "SPEEDBIRD",
        "country": "United Kingdom"
      },
      {
        "icao": "DLH",
        "name": "Lufthansa",
        "callsign": "LUFTHANSA",
        "country": "Germany"
      },
      {
        "icao": "KLM",
        "name": "KLM",
        "callsign": "KLM",
        "country": "The Netherlands"
      },
      {
        "icao": "UAL",
        "name": "United Airlines",
        "callsign": "UNITED",
        "country": "United States"
      }
    ]
  }
]
```

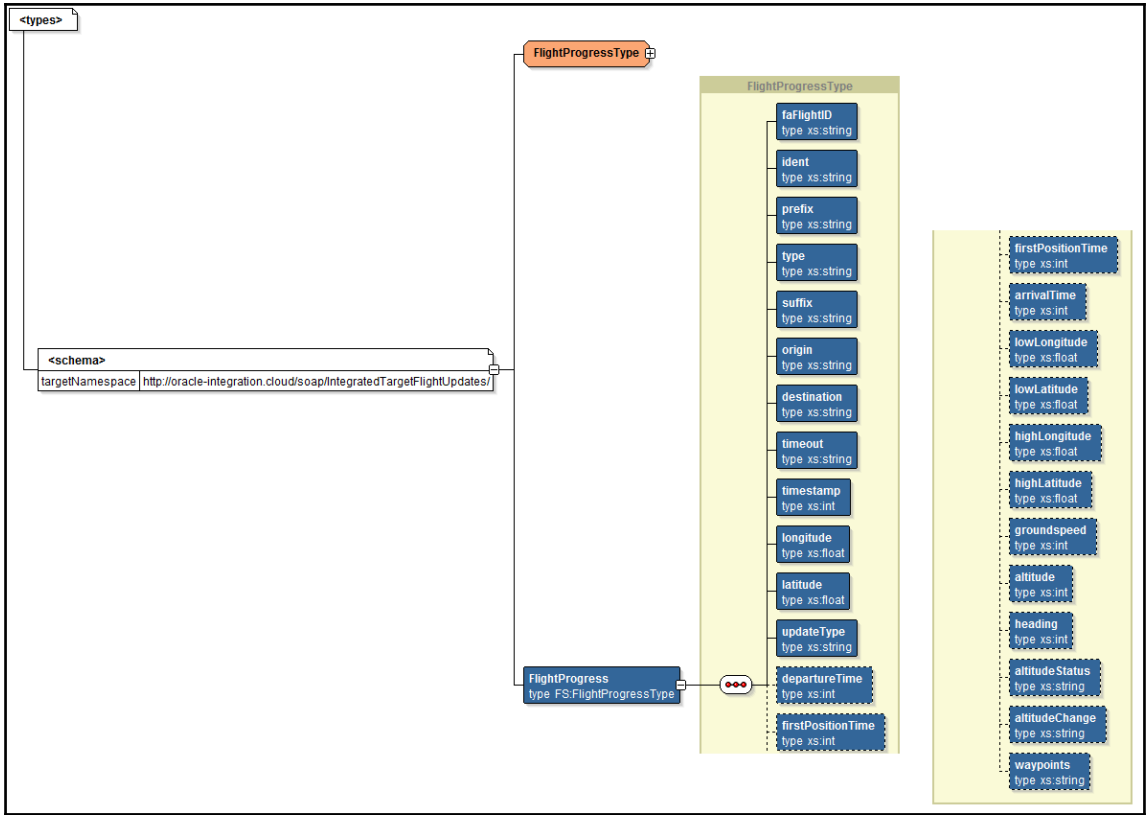
Chapter 3:













Home

My domains

+ Add Domain

demo8825131.mockable.io

2
Mocks

2
Running

MANAGE

OPTIONS ▼

You are the owner



Home

Domain demo8825131 (REST)

You are the owner domain is not shared

REST

SOAP

SHARE

+ REST Mock

Status	Name	Path	Verb	Consumes	Produces	Actions	Logger	Set Delay
Started	POST /FlightStatusUpdateRES T	FlightStatusUpdateREST	POST	*/*	*/*	Actions	<input checked="" type="checkbox"/>	<input type="checkbox"/> (1s)

SOAP MOCK

Endpoint

SoapAction

Headers

Response status

Content-Type

Content-Type Header for response

Content-Encoding

Content-Encoding Header for response

Response body Enable Dynamic Response:

```
1 <?xml version="1.0"?>
2 <soap:Envelope
3   xmlns:soap="http://www.w3.org/2001/12/soap-envelope"
4   soap:encodingStyle="http://www.w3.org/2001/12/soap-encoding">
5
6 <soap:Body xmlns:m="http://www.example.org/stock">
7
8 <m:GetStockPriceResponse>
9   <m:Price>34.5</m:Price>
10 </m:GetStockPriceResponse>
11 </soap:Body>
12
13 </soap:Envelope>
```

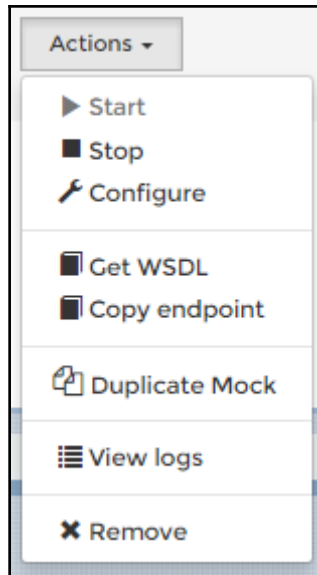
Display Name

Optional. We will generate one for you based on the Endpoint and SoapAction.

Enable Request Logger

Set response delay in seconds

Status	Name	Endpoint	Soap Action	Logger	Set delay
<input type="button" value="Stopped"/>	FlightStatusUpdate	FlightServices	http://oracle-ics.book/soap/IntegratedTargetFlightUpdates/FlightStatusUpdate	<input type="button" value="Actions"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> (1s)



Exit Mapper Map: FlightProgress to FlightProgress Save

View Filter Detach Map

Source Find... Mappings

Source	Find...	Mappings	Target	Find...	Mapping
FlightProgress			FlightProgress		
ID			faFlightID		ID
ident			ident		ident
prefix			prefix		prefix
type			type		type
suffix			suffix		suffix
origin			origin		origin
destination			destination		destination
timeout			timeout		timeout
timestamp			timestamp		timestamp
longitude			departureTime		
latitude			firstPositionTime		timeout
updateType			arrivalTime		
			longitude		longitude
			latitude		latitude
			lowLongitude		
			lowLatitude		
			highLongitude		
			highLatitude		
			groundspeed		
			altitude		
			heading		
			altitudeStatus		
			updateType		updateType
			altitudeChange		
			waypoints		

View Filter Detach Test

Build Mappings [X]

Source

View [v] Filter [F] Detach [D] Map [M]

Find...

- *FlightProgress
 - *ID ✓
 - *ident ✓
 - *prefix ✓
 - *type ✓
 - *suffix ✓
 - *origin ✓
 - *destination ✓
 - *timeout ✓
 - *timestamp ✓
 - *longitude ✓

▶ Mapping Components

▶ Variables

Mapping [?] Help [S] Save [R] Revert [A] Actions

Target Element: /FlightProgress/ident

Statement

```
<nstrgmpr:ident>
  <xsl:value-of select = '/nssrcmpr:FlightProgress/nssrcmpr:ident'>
```

[Close]

Statement

```
<nstrgmpr:ident>
  <xsl:value-of select = '/nssrcmpr:FlightProgress/nssrcmpr:ident'>
    select
      concat(string1, string2, ...)
```

Direct-|

```
<> /nssrcmpr:FlightProgress/nssrcmpr:ident
```

Test Mapper X

Test Map Help Generate Inputs Clear Execute

Input: FlightProgress

```
<?xml version = '1.0' encoding = 'UTF-8'?>
<ns0:FlightProgress xmlns:ns0='http://oracle-ics.booksoap/IntegratedSourceFlightSitReps'>
  <ns0:ID>ID7575</ns0:ID>
  <ns0:ident>ident7576</ns0:ident>
  <ns0:prefix>prefix7577</ns0:prefix>
  <ns0:type>type7578</ns0:type>
  <ns0:suffix>suffix7579</ns0:suffix>
  <ns0:origin>origin7580</ns0:origin>
  <ns0:destination>destination7581</ns0:destination>
  <ns0:timeout>timeout7582</ns0:timeout>
  <ns0:timestamp>7583</ns0:timestamp>
  <ns0:longitude>75840.22</ns0:longitude>
  <ns0:latitude>75850.22</ns0:latitude>
  <ns0:updateType>updateType7586</ns0:updateType>
</ns0:FlightProgress>
```

Output: FlightProgress

```
<?xml version = '1.0' encoding = 'UTF-8'?>
<nstrgmpr:FlightProgress xmlns:wsdl='http://schemas.xmlsoap.org/wsdl/' xmlns:xml='1.0'>
  <nstrgmpr:faFlightID>ID7575</nstrgmpr:faFlightID>
  <nstrgmpr:ident>Direct-ident7576</nstrgmpr:ident>
  <nstrgmpr:prefix>prefix7577</nstrgmpr:prefix>
  <nstrgmpr:type>type7578</nstrgmpr:type>
  <nstrgmpr:suffix>suffix7579</nstrgmpr:suffix>
  <nstrgmpr:origin>origin7580</nstrgmpr:origin>
  <nstrgmpr:destination>destination7581</nstrgmpr:destination>
  <nstrgmpr:timeout>timeout7582</nstrgmpr:timeout>
  <nstrgmpr:timestamp>7583</nstrgmpr:timestamp>
  <nstrgmpr:longitude>75840.22</nstrgmpr:longitude>
  <nstrgmpr:latitude>75850.22</nstrgmpr:latitude>
  <nstrgmpr:updateType>updateType7586</nstrgmpr:updateType>
</nstrgmpr:FlightProgress>
```

Close



Start typing mock name

all mocks

REST

SOAP

POST
/FlightStatusUpdateREST

Previous 1 Next

demo8825131

up to:

19-April-2016



21

h

28

min

34

s

GO



+ GET	http://demo8825131.mockable.io/FlightStatusUpdateREST	404 Not Found	15 days ago
+ GET	http://demo8825131.mockable.io/FlightStatusUpdateREST	404 Not Found	15 days ago
+ GET	http://demo8825131.mockable.io/FlightServices	404 Not Found	10 days ago
+ GET	http://demo8825131.mockable.io/FlightServices/	404 Not Found	10 days ago
+ GET	http://demo8825131.mockable.io/FlightServices	404 Not Found	10 days ago
+ GET	http://demo8825131.mockable.io/FlightServices?	200 OK	10 days ago
+ FlightStatusUpdate	POST	200 OK	10 days ago
+ FlightStatusUpdate	POST	200 OK	10 days ago

FlightStatusUpdate 200 OK 7 days ago

POST http://demo8825131.mockable.io/FlightServices

FlightStatusUpdate 200 OK 6 days ago

POST http://demo8825131.mockable.io/FlightServices

Request **Response**


Headers

X-Google-Apps-Metadata domain=gmail.com,host=.mockable.io
 Tracking.Wrapped.Dms.Context 1.e9a9c227-c572-40fc-8287-8b822379084d-002c2b5a.kxjE0XNRmHROgLBnVPOi4USXJRQdURPi6GRjNTI'NECo2CCm0EC0iNRmHROgLBnVPOi4USXJRQdURPi6GRjNVGmLPooPRRIKLQhLOH4EDk5FDq2DEk4CCm0YMjIToZSPPI3VRXU8TmHROFPQRbUAGpJTQILRSnLIT_UOT9KRdm4Eck5DCKiYD6SRRrPGPPGCCk0CJ7OGEFGLMIAVLq5ETE0JdDOLCDQVTiISck0CCnIGW3JOTSLKS' HOT_3LgSKCTmLTP
 X-Appengine-Citylatlong 37.774929,-122.419416
 X-Appengine-Region ca
 X-Appengine-Default-Namespace gmail.com
 Content-Length 1084
 Via 1.1 10.193.137.115 (McAfee Web Gateway 7.4.2.7.0.18936)
 Jca.InstanceId 2420202
 Ecid-Context 1.e9a9c227-c572-40fc-8287-8b822379084d-002c2b5a.kxjE0XNRmHROgLBnVPOi4USXJRQdURPi6GRjNTI'NECo2CCm0EC0iNRmHROgLBnVPOi4USXJRQdURPi6GRjNVGmLPooPRRIKLQhLOH4EDk5FDq2DEk4CCm0YMjIToZSPPI3VRXU8TmHROFPQRbUAGpJTQILRSnLIT_UOT9KRdm4Eck5DCKiYD6SRRrPGPPGCCk0CJ7OGEFGLMIAVLq5ETE0JdDOLCDQVTiISck0CCnIGWcVQsXJOR_U8PhJUB_OSTI3VRXU9HskTPmUPoGIgR3RQ2VOU3VPRkVQR_UOTnLFIJIMTGZGZKSULGSPXKTPJHSRo4USpLO
 User-Agent Java/1.7.0_95
 Host demo8825131.mockable.io
 X-Zoo app-id=tomate-premium,domain=gmail.com,host=.mockable.io
 Content_Type text/xml; charset=utf-8
 Content_Length 1084
 Accept text/html, image/gif, image/jpeg, */*; q=.2
 Soapaction 'http://oracle-ics.book/soap/IntegratedTargetFlightUpdates/FlightStatusUpdate'
 X-Appengine-City san francisco
 X-Forwarded-For 10.66.154.22
 X-Appengine-Country US
 Content-Type text/xml; charset=utf-8

Payload:

```
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"><soapenv:Body><nstrgmp:Flight
```


Publish To ICS



Connect your trigger to send messages to ICS

Select

Subscribe To ICS





Add invokes to receive messages from ICS

Select

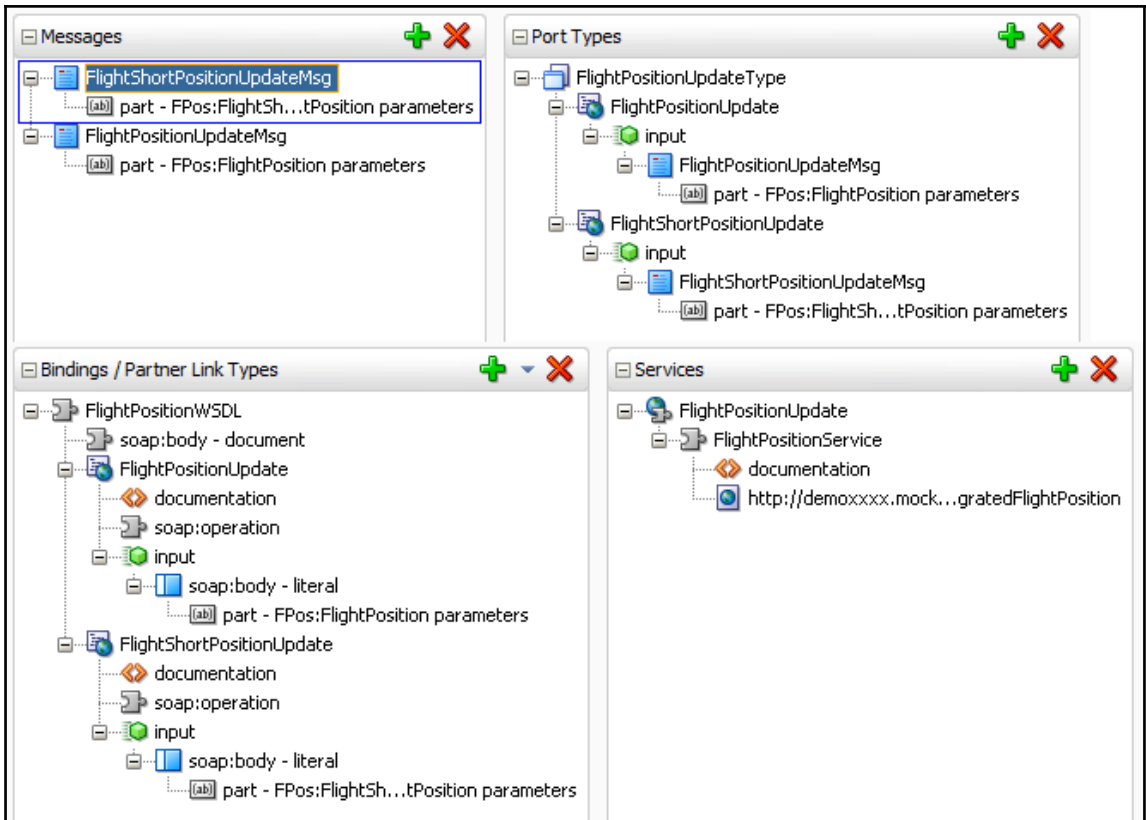
Select a Publisher ?

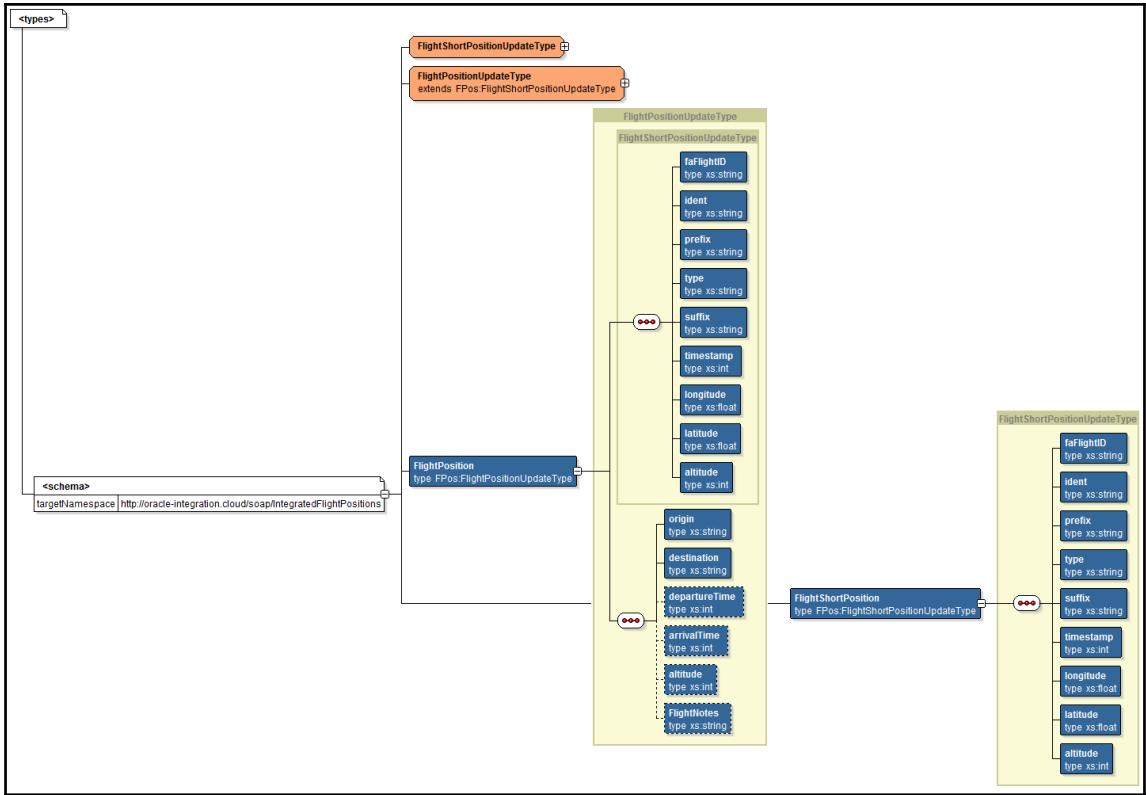
Select the published integration to which to subscribe from the following list.

	CoreLogic OSC Accounts Publisher 1.0 i
	✓ ACTIVE
	PublishFlightStatusUpdate_Ch3 1.0 i
	✓ ACTIVE

Use **Cancel**





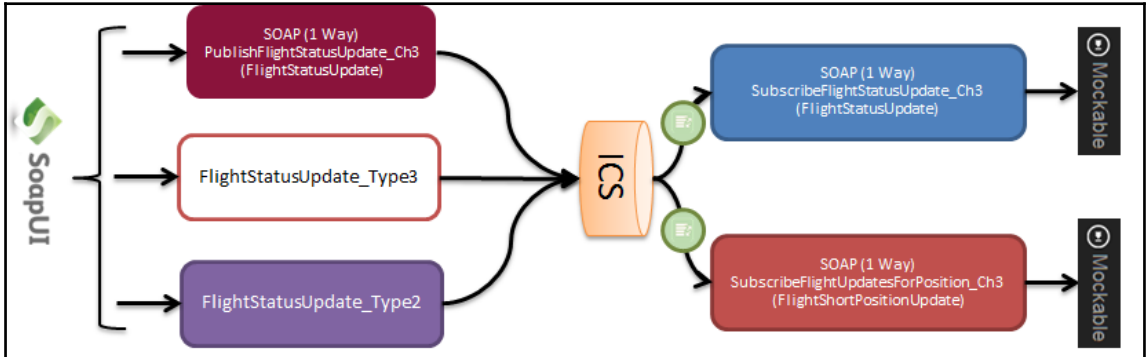


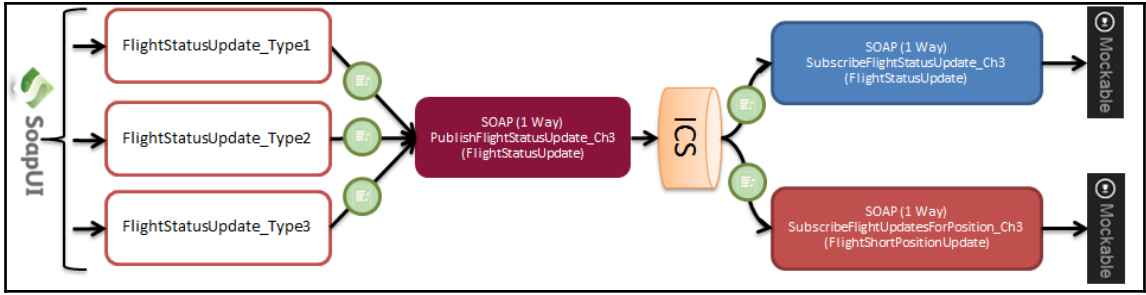
<ul style="list-style-type: none"> + FlightPositions 	<ul style="list-style-type: none"> POST http://mockable.io/FlightShortPositionUpdate 	<ul style="list-style-type: none"> 200 OK 	<ul style="list-style-type: none"> a few seconds ago
<ul style="list-style-type: none"> + FlightServices 	<ul style="list-style-type: none"> POST http://mockable.io/FlightServices 	<ul style="list-style-type: none"> 200 OK 	<ul style="list-style-type: none"> a few seconds ago

Monitoring | Integrations | Last 3 Days | Apr 30, 2016 10:30:08 PM UTC

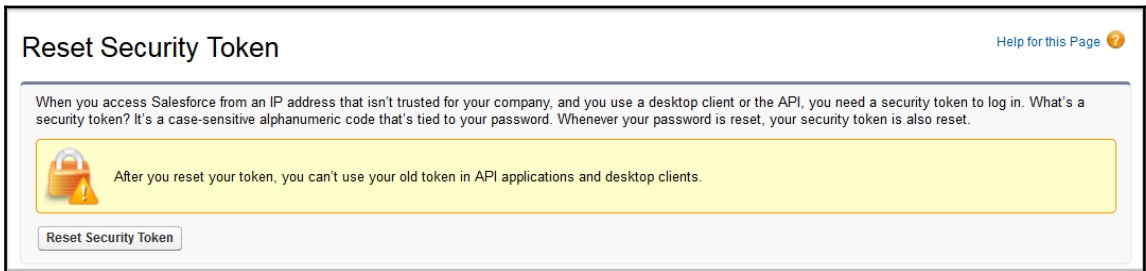
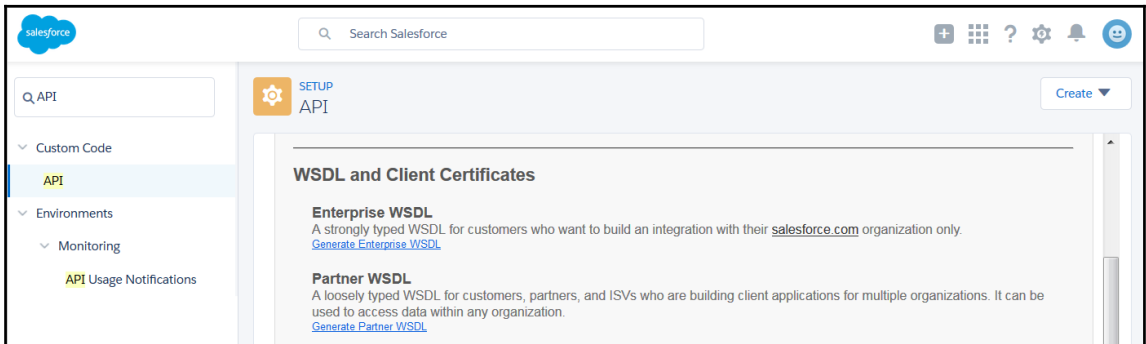
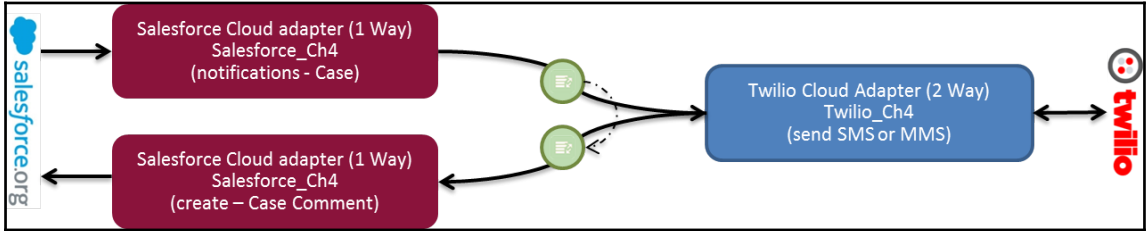
All | ch3 | Sort by: Last Update

Integration Name	Version	Last Message	Received	Processed	Success	Errors
SubscribeFlightUpdatesForPosition_Ch3	1.0	NO DATA	0	0	0	0
SubscribeFlightUpdate_Ch3	1.0	NO DATA	0	0	0	0
FlightStatusUpdateDirect_Ch3	1.0	NO DATA	0	0	0	0
PublishFlightStatusUpdate_Ch3	1.0	NO DATA	0	0	0	0





Chapter 4:



A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other | All

Rule Name ↑	Description	Object	Active
No records to display.			

Step 1: Select object Step 1 of 3

Next Cancel

Select the object to which this workflow rule applies.

Object Case

Next Cancel

Step 3: Specify Workflow Actions Step 3 of 3

Done

Specify the workflow actions that will be triggered when the rule criteria are met. [See an example](#)

Rule Criteria Case: Status EQUALS Escalated

Evaluation Criteria Evaluate the rule when a record is created, and any time it's edited to subsequently meet criteria

Immediate Workflow Actions

No workflow actions have been added.

Add Workflow Action

- New Task
- New Email Alert
- New Field Update
- New Outbound Message**
- Select Existing Action
- Add time trigger

Workflow Actions [See an example](#)

No workflow actions have been added. Before adding a workflow action, you must have at least one time trigger defined.

Workflow Actions	
Edit	
Immediate Workflow Actions	
Type	Description
Outbound Message	Case_OM

Outbound Message: Case			
Name	Case_OM	User to send as	Robert van Mølken
Unique Name	Case_OM	API Version	37.0
Description	Send escalated case information to Integration Cloud Service		
Object	Case		
Endpoint URL	http://dummy.com	Modified By	Robert van Mølken
Endpoint WSDL	Click for WSDL		
Send Session ID	<input type="checkbox"/>		
Fields to Send	CaseNumber Id OwnerId Product__c Subject		
Created By	Robert van Mølken		

CONSOLE BETA

[GIVE FEEDBACK](#)
[DOCS](#)
[HELP](#)
UPGRADE
admin@oracle...
Trial Account

- Phone Numbers**
- Dashboard
- Manage Numbers**
- Active Numbers
- Released Numbers

Phone Numbers

You don't have any Twilio phone numbers.

Visit the [Getting Started](#) page to get your first Twilio Phone Number.

Get a number now

Your first Twilio Phone Number ✕

+31858883683

Don't like this one? [Search for a different number](#)

This Netherlands phone number has the following capabilities:

- Voice:** This number can receive incoming calls and make outgoing calls.

Cancel
Choose this Number

Buy A Number - Search Results ✕

▾
Number ▾

Capabilities ▾
Search

NUMBER LOCATION	TYPE	CAPABILITIES			
		VOICE	SMS	MMS	
+1 (228) 284-5078 GULFPORT, MS	Local				Choose this Number
+1 (408) 647-8098 Saratoga, CA	Local				Choose this Number

← Revise Search
Refresh Results

Phone Numbers

+
Number ▾

Voice URL ▾

Filter

NUMBER	FRIENDLY NAME	CAPABILITIES			CONFIGURATION
		VOICE	SMS	MMS	
+1 201-879-6712 Ridgewood, NJ	(201) 879-6712				Voice URL: https://demo.twilio.com/welcome/voice/ Messaging URL: https://demo.twilio.com/welcome/sms/reply/

API Credentials

LIVE Credentials

[Learn about REST API Credentials](#)

ACCOUNT SID

AC39b2a286d21b48b7aaa40a3b37576ca6

Used to exercise the REST API

AUTH TOKEN



[Request a Secondary Token](#)

Keep this somewhere safe and secure

TEST Credentials

[Learn about Test Credentials](#)

TEST ACCOUNT SID

AC789aec47a5025f21f4e32f486d47275b

Used to exercise the REST API

TEST AUTHTOKEN

 f6aecfb92ca262f.....

Keep this somewhere safe and secure

Responsys



Select

REST



Select

Salesforce



Select

SAP



Select

Credentials

You can configure the Security Policy for this connection. Please select the Security Policy.

Security Policy

Your application/endpoint requires that users and services provide security credentials for access. Specify the login credentials below.

Property Name	Property Value
* Username	<input type="text" value="admin@oracle-integration.cloud"/>
* Password	<input type="password" value="....."/>
* Confirm Password	<input type="password" value="....."/>

Credentials

You can configure the Security Policy for this connection. Please select the Security Policy.

Security Policy

Your application/endpoint requires that users and services provide security credentials for access. Specify the login credentials below.

Property Name	Property Value
AccountSID	<input type="text" value="AC789aec47a5025f21f4e32f486d47275b"/>
AuthToken	<input type="password" value="....."/>
Confirm AuthToken	<input type="password" value="f6aecfb92ca262f....."/>

Basic Info
 Outbound Messaging
 Response
 Summary

? Select an Operation Type CRUD ▾ create ▾

Case ALL ▾

Select Business Objects (Salesforce API 37.0)

- Case
- CaseContactRole
- CaseSolution
- CaseTeamMember
- CaseTeamRole
- CaseTeamTemplate
- CaseTeamTemplateMember
- CaseTeamTemplateRecord

Your Selected Business Objects

- CaseComment

Cancel Ok

Basic Info
 Outbound Messaging
Response
 Summary

Send a response

Configure a Successful Callback ? Edit ? Header ? Reset

A successful callback operation is configured.
 Selected Operation Name: create
 Selected Object(s) Name: CaseComment
 Selected Header Properties: AllOrNoneHeader.allOrNone: true ▾

Configure a Failure Callback Response ? Edit ? Header ? Reset

A failure callback operation is configured.
 Selected Operation Name: create
 Selected Object(s) Name: FeedItem
 Selected Header Properties: AllOrNoneHeader.allOrNone: true ▾



ReceiveEscalatedCases

[Next Steps](#)

Description receives a notification when a case gets escalated

Notification Object for Outbound Messaging Case

Configuration for success

Selected Operation Name create

Selected Object(s) Name CaseComment

Selected Header Properties AllOrNoneHeader.allOrNone : true

Configuration for failure

Selected Operation Name create

Selected Object(s) Name FeedItem

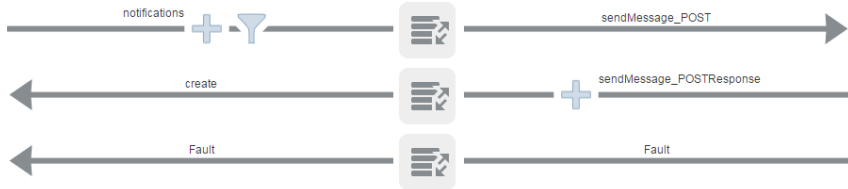
Selected Header Properties AllOrNoneHeader.allOrNone : true

Salesforce_Ch4

notifications
create
create

ReceiveEscalatedCases

Click Below to Create Map



Twilio_Ch4



SendMessage

Mapping ? Help Save Revert Actions

Target Element: /sendMessage_POST/accountResource.definitions.requestPayload_newSms/To

Statement

<> <nsmpr0:To >

+15005550006

Close

Source Mapping

Target Element: /sendMessage_POST/accountResource.definitions.requestPayload_newSms/Body

Mapping Components

concat

- ▶ Conversion
- ▶ Date
- ▶ ICS
- ▶ Mathematical
- ▶ Node-set
- ▶ String
 - ▶ f_x compare
 - ▶ f_x concat
 - ▶ f_x contains

Statement

<> <nsmpr0:Body >

- ▶ value-of
 - ▶ select
 - ▶ f_x concat(string1, string2, ...)
 - string1
 - string2

Source Mapping

Target Element: /sendMessage_POST/accountResource.definitions.requestPayload_newSms/Body

Mapping Components

Map

Statement

<nstrgmpr:Body>

Mapping ? Help Save Revert Actions

Target Element: /sendMessage_POST/accountResource.definitions.requestPayload_newSms/Body

Statement

```

<> <nsmpr0:Body >
  <> <xsl:value-of select="concat('Case #: ', /nssrcmpr:notifications/nssrcmpr:Notification/nssrcmpr:Case/nssrcmpr:Case
    < > select
      < > f(x) concat(string1, string2, ...)
        < > Case #:
          <> /nssrcmpr:notifications/nssrcmpr:Notification/nssrcmpr:Case/nssrcmpr:CaseNumber
        < > , Product:
          <> /nssrcmpr:notifications/nssrcmpr:Notification/nssrcmpr:Case/nssrcmpr:Product__c
        < > , Case Subject:
          <> /nssrcmpr:notifications/nssrcmpr:Notification/nssrcmpr:Case/nssrcmpr:Subject
  
```

Exit Mapper Editing Save

Map: notifications to sendMessage_POST

Source	Target	Mapping
*Case	*sendMessage_POST	
fieldsToNull	accountResource.definitions.requestPayload_newSms	
Id	To	+31645100000
CaseNumber	From	+15005550006
OwnerId	Body	f(x), CaseNumber, Product__c, Subject
Product__c	MessagingServiceSid	
Subject	MediaUrl	
	StatusCallback	
	ApplicationSid	
	MaxPrice	

Exit Mapper Editing Save

Map: sendMessage_POSTResponse to create

Source	Target	Mapping
*sendMessage_POSTResponse	*create	
SourceApplicationObject	CaseComment	
notifications	CommentBody	The Case owner is notified about the escalation.
Notification	IsPublished	f(x)
Case	ParentId	Id
Id		

Primary	Tracking Field	Tracking Name	Help Text	
<input checked="" type="checkbox"/>	CaseNumber	Case Number	How to track it?	
<input type="checkbox"/>	Product__c	Product Number	How to track it?	
	Drag a trigger field here	What to call it?	How to track it?	

Confirmation

Are you sure you want to activate integration "EscalateAircraftMaintenance_Ch4"?

Enabling tracing may log sensitive information from payload. Log files may be available for downloading and viewing. Enabling tracing is not recommended in a production environment.

Enable tracing including payload into Activity Stream

NEW EscalateAircraftMaintenance_Ch4 (1.0)

MAP DATA
This integration demonstrates escalated cases in Salesforce be

Description: This integration demonstrates escalated cases in Salesforce being reported via SMS to the Case owner.

Identifier: ESCALATEAIRCRAFT_CH4

Package Name: ics.book.ch4

Endpoint URL: https://ics.integration.us2.oraclecloud.com:443/integration/flowsvc/salesforce/ESCALATEAIRCRAFT_CH4/v01/?wsdl

Trace Enabled: Yes

Setup Home

ADMINISTRATION

- > Users
- > Data
- > Email

Most Recently Used

10 items

NAME	TYPE	OBJECT
Case_QM	Workflow Outbound Message	Case

Save Save & New Cancel

Edit Outbound Message: Case ! = Required Information

Name

Unique Name i

Description

Endpoint URL

Workflow Rules Using This Outbound Message

Action	Rule Name	Description	Object	Active
Edit Del Activate	<u>Escalated Case</u>	Trigger when case is escalated	Case	<input type="checkbox"/>

CASES

All Open Cases ⚙️ ↻ 🔄 ⏴ New

1 item · Sorted by Case Number · Filtered by Closed, Priority · Last updated 07/07/2016 at 12:48

CASE NUMBER	CONTACT NAME	SUBJECT	STATUS	PRIORITY	DATE OPENED	CASE OWNER ALIAS
00001026	Phil Wilkens	Delivered pro...	New	High	7-7-2016 11:23	RvM ▼

CASE Delivered product GC1040 is missing essential parts + Follow Edit Delete Change Owner

Priority	Status	Case Number
High	New	00001026

FEED **RELATED**

Open Activities (0)

Activity History (0)

Case Comments (0)

Attachments (0) Upload File

Case Owner
Robert van Mölken

Case Number
00001026

Contact Name
 Phil Wilkens X

Account Name
 British Airways X

Type
Mechanical

Case Reason
Installation

* Status ↻

Escalated

--None--

New

Working

✓ Escalated

Closed

FEED **RELATED**

Open Activities (0)

Activity History (0)

Case Comments (1)

USER	CREATED DATE	COMMENT
Robert van Mölken	7-7-2016 18:41	The Case owner is notified ab... ▼

[View All](#)

Case Owner Robert van ... ↻	Status Escalated ✎
Case Number 00001026	Priority High ✎
Contact Name Phil Wilkens ✎	Case Origin Phone ✎
Account Name British Airways ✎	
Type Mechanical ✎	
Case Reason Installation ✎	

Home Designer Monitoring Administration

Monitoring Integrations Agents Tracking Errors

Tracking Last 1 Hour

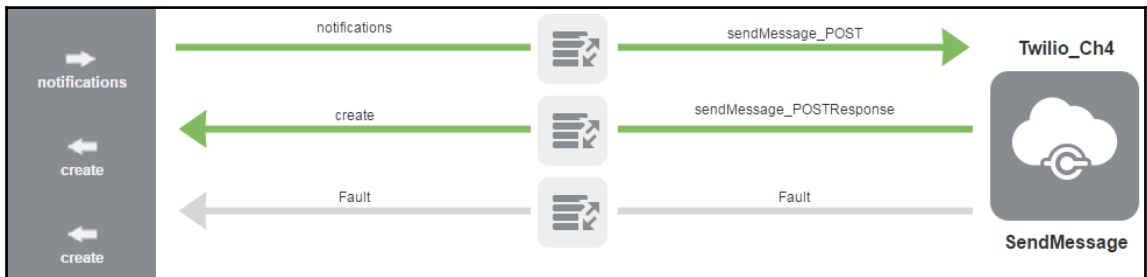
All 00001026 Filter by Sort by: Time

PRIMARY IDENTIFIER VALUE contains 00001026

Case Number: 00001026 Instance ID: 1200097
EscalateAircraftMaintenance_Ch4 | 1.0

Completed 38 minutes ago

COMPLETED



Feed

Robert van Mölken Just Now

SMS notification failed to send to Case owner. Reason: <genericRestFault><errorCode>400</errorCode><errorPath><![CDATA[POST https://api.twilio.com/2010-04-01/Accounts/AC39b2a286d21b48b7aaa40a3b37576ca6/Messages.json returned a response status of 400 Bad Request]]></errorPath><instance><![CDATA[{"code": 21606, "message": "The From phone number +15005550006 is not a valid, SMS-capable inbound phone number or short code for your account.", "more_info": "https://www.twilio.com/docs/errors/21606", "status": 400}]]></instance></genericRestFault>

Like Write a comment...

Home Designer Monitoring Administration

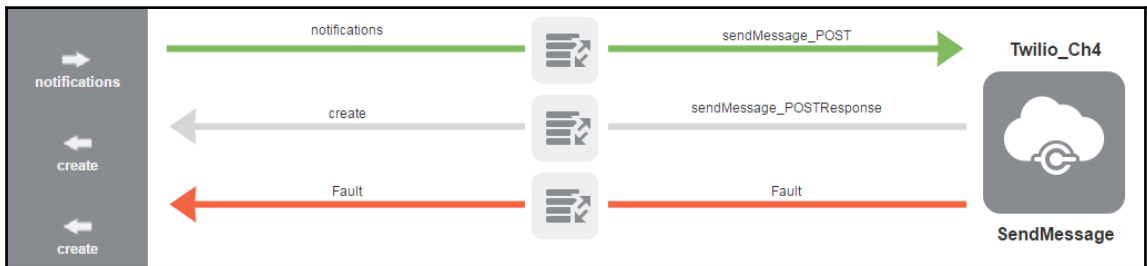
Monitoring Integrations Agents Tracking Errors

Tracking | Last 1 Hour

All 00001026 Filter by Sort by: Time

PRIMARY IDENTIFIER VALUE contains 00001026

Case Number: 00001026 Instance ID: 1200106
 EscalateAircraftMaintenance_Ch4 | 1.0
 FAILED Failed 9 minutes ago



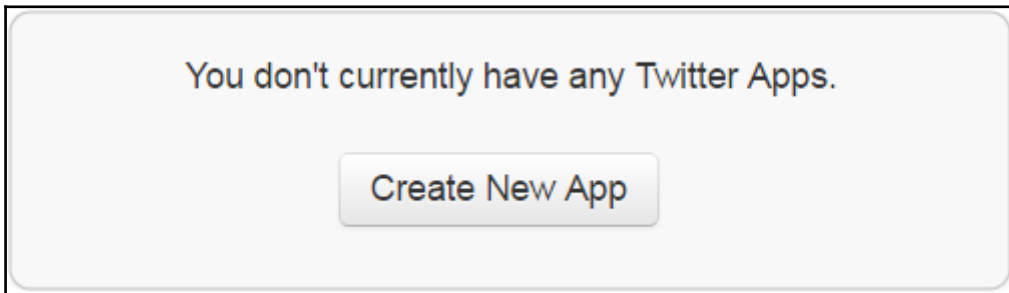
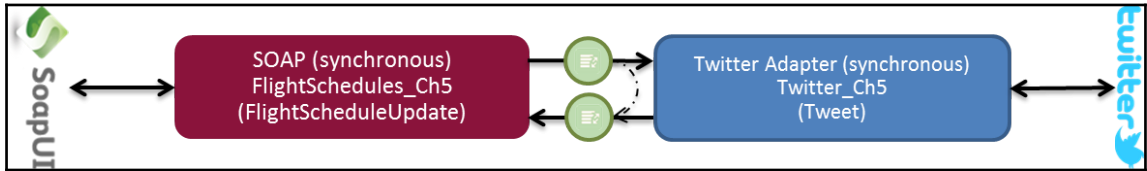
Messages +1 (201) 879-6712 Details

Text Message Today 17:00

Sent from your Twilio trial account - Case #: [00001026](#), Product: GC1040, Case Subject: Delivered product GC1040 is missing essential parts

Text Message Send

Chapter 5:



Application Details

Name *

Your application name. This is used to attribute the source of a tweet and in user-facing authorization screens. 32 characters max.

Description *

Your application description, which will be shown in user-facing authorization screens. Between 10 and 200 characters max.

Website *

Your application's publicly accessible home page, where users can go to download, make use of, or find out more information about your application. This fully-qualified URL is used in the source attribution for tweets created by your application and will be shown in user-facing authorization screens. (If you don't have a URL yet, just put a placeholder here but remember to change it later.)

Callback URL

Where should we return after successfully authenticating? OAuth 1.0a applications should explicitly specify their oauth_callback URL on the request token step, regardless of the value given here. To restrict your application from using callbacks, leave this field blank.

IntegrationCloud

Test OAuth

Details Settings **Keys and Access Tokens** Permissions

Application Icon



Change icon

Choose File

No file chosen

Maximum size of 700k. JPG, GIF, PNG.

Organization

Organization name

The organization or company behind this application, if any.

Organization website

The organization or company behind this application's web page, if any.

IntegrationCloud

Details Settings **Keys and Access Tokens** Permissions

Application Settings

Keep the "Consumer Secret" a secret. This key should never be human-readable in your application.

Consumer Key (API Key) NKKodQM5ja2n

Consumer Secret (API Secret) ngvDOzABWe

Access Level Read and write (modify app permissions)

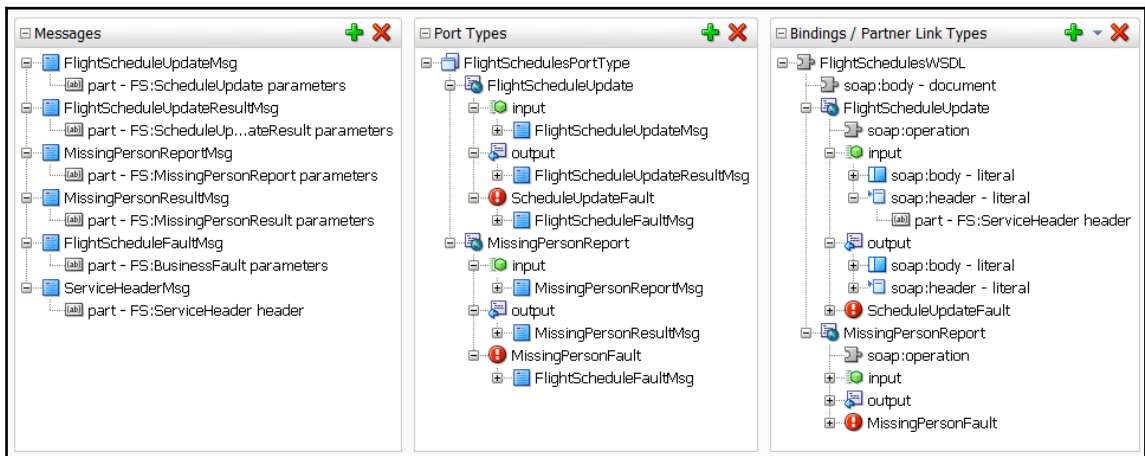
Your Access Token

*This access token can be used to make API requests on your own account's behalf.
Do not share your access token secret with anyone.*

Access Token 753309485708476

Access Token Secret knSlahPRuMLA

Access Level Read and write



Create Connection - Select Adapter

All

Tw

Click "Select" for the type of connection to create.



Twitter

Select






Cancel

Connection Administrator
 You can receive email notifications when problems or changes occur in this connection. Enter the email address to receive these notifications.

Email Address

Security [Configure Security](#)

Click Configure Credentials to specify the login credentials to access your application/endpoint.

	Security Policy Custom Security Policy
	Consumer Key (API Key) NKKodQM5ja2nlWDbObtHKy8X
	Consumer Secret (API Secret) ngvDOzABWeYu[REDACTED]
	Access Token 753309485708476416-yUgjbJqGPDgLwiMgsiUXVkiKRZq2Qz
	Access Secret 8CXoVqSQIFD[REDACTED]

Selected Port Type FlightSchedulesPortType Cloud Operation

Select the Operation

Request Object

Response Object FlightScheduleUpdateResultMsg

Fault Object ScheduleUpdateFault,

- ✔ Basic Info
- ✔ Operation Selection
- Summary

* Select Operation

- Search tweets
- Get followers IDs
- Get IDs of retweeters
- Retweet
- Tweet
- Get friends IDs
- Get trends for place
- Get subscribers for list

Statement

```

<> <nsmpr0:status>
  <> <xml:choose />
    <xml:when test="xsd:duration(fn:current-dateTime() - xsd:dateTime(/nssrcmpr:ScheduleUpdate/nssrcmpr:departureTime)) > xsd:duration('PT0S')">
      <xml:otherwise />
    
```

Statement

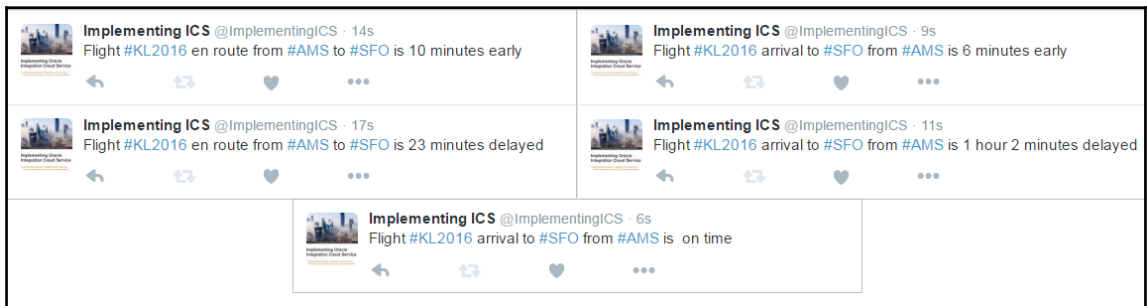
```











<> <nsmpr0:status >
  <xml:choose >
    <xml:when test="xsd:duration(fn:current-dateTime() - xsd:dateTime(/nssrcmpr:ScheduleUpdate/nssrcmpr:departureTime)) > xsd:duration('PT0S')" >
      <xml:value-of select="concat('Flight #', //nssrcmpr:ident, ' arrival to #', //nssrcmpr:destination, ' from #', //nssrcmpr:origin, ' is ', //nssrcmpr:durationString, '')" />
        select
        concat('Flight #', //nssrcmpr:ident, ' arrival to #', //nssrcmpr:destination, ' from #', //nssrcmpr:origin, ' is ', //nssrcmpr:durationString, '') //nssr
    <xml:otherwise >
      <xml:value-of select="concat('Flight #', //nssrcmpr:ident, ' en route from #', //nssrcmpr:origin, ' to #', //nssrcmpr:destination, ' is ', //nssrcmpr:durationString, '')" />
        select
        concat('Flight #', //nssrcmpr:ident, ' en route from #', //nssrcmpr:origin, ' to #', //nssrcmpr:destination, ' is ', //nssrcmpr:durationString, '') //ns
    
```

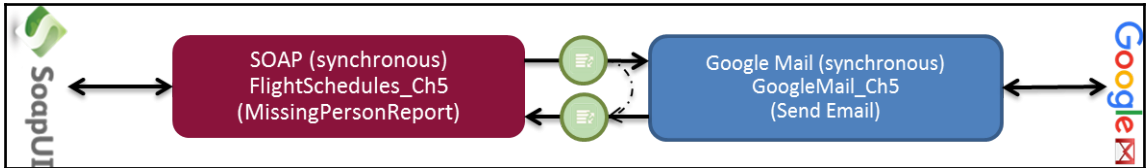
Source	Find...	Mappings	Target	Find...
<ul style="list-style-type: none"> ScheduleUpdate faFlightID ident origin destination updateType departureTime arrivalTime duration durationString longitude latitude 			<ul style="list-style-type: none"> Tweet QueryParameters status in_reply_to_status_id possibly_sensitive lat long place_id display_coordinates trim_user media_ids 	

```

1 <?xml version="1.0" encoding="UTF-8" ?>
2 <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
3   xmlns:int="http://oracle-integration.cloud/soap/IntegratedSourceFlightSchedules/">
4   <soapenv:Header/>
5   <soapenv:Body>
6     <int:ScheduleUpdate>
7       <int:faFlightID?</int:faFlightID>
8       <int:ident?</int:ident>
9       <int:origin?</int:origin>
10      <int:destination?</int:destination>
11      <int:updateType?</int:updateType>
12      <int:departureTime?</int:departureTime>
13      <int:arrivalTime?</int:arrivalTime>
14      <int:duration?</int:duration>
15      <int:durationString?</int:durationString>
16      <!--Optional:-->
17      <int:longitude?</int:longitude>
18      <!--Optional:-->
19      <int:latitude?</int:latitude>
20    </int:ScheduleUpdate>
21  </soapenv:Body>
22 </soapenv:Envelope>
  
```



<ul style="list-style-type: none"> Agents Tracking Errors 	 Flight Number: KL2016 Instance ID: 800291 TweetFlightScheduleChanges_Ch5 1.0  COMPLETED Completed 22 minutes ago
	 Flight Number: KL2016 Instance ID: 1200319 TweetFlightScheduleChanges_Ch5 1.0  COMPLETED Completed 22 minutes ago
	 Flight Number: KL2016 Instance ID: 800290 TweetFlightScheduleChanges_Ch5 1.0  COMPLETED Completed 22 minutes ago
	 Flight Number: KL2016 Instance ID: 1200318 TweetFlightScheduleChanges_Ch5 1.0  COMPLETED Completed 22 minutes ago
	 Flight Number: KL2016 Instance ID: 800289 TweetFlightScheduleChanges_Ch5 1.0  COMPLETED Completed 22 minutes ago



API API Manager <ul style="list-style-type: none"> Dashboard Library Credentials 	Library Google APIs <hr/> <input type="text" value="Gmail"/> Back to popular APIs <table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Gmail API</td> <td>The Gmail API lets you view and manage Gmail mailbox data like threads, messages, and labels.</td> </tr> </tbody> </table>	Name	Description	Gmail API	The Gmail API lets you view and manage Gmail mailbox data like threads, messages, and labels.
Name	Description				
Gmail API	The Gmail API lets you view and manage Gmail mailbox data like threads, messages, and labels.				

← Gmail API ▶ ENABLE

⚠ A project is needed to enable APIs [Create project](#)

Google APIs

Create a project

The Google API Console uses projects to manage resources. To get started, create your first project.

Select a project
[Create a project](#)

Project name [?]
AircraftCX

Your project ID will be aircraftcx-1470253308121 [?] [Edit](#)

[Hide advanced options...](#)

App Engine location [?]
europe-west

[Loading ...](#)

Google APIs AircraftCX

API Manager ← Gmail API ▶ ENABLE

← Gmail API ■ DISABLE

⚠ This API is enabled, but you can't use it in your project until you create credentials. Click "Go to Credentials" to do this now (strongly recommended). [Go to Credentials](#)

2 Create an OAuth 2.0 client ID

Name

Restrictions

Enter JavaScript origins, redirect URIs, or both

Authorized redirect URIs

For use with requests from a web server. This is the path in your application that users are redirected to after they have authenticated with Google. The path will be appended with the authorization code for access. Must have a protocol. Cannot contain URL fragments or relative paths. Cannot be a public IP address.

 ✕

Create client ID

3 Set up the OAuth 2.0 consent screen

Email address ?

Product name shown to users

More customization options

Continue



The consent screen will be shown to users whenever you request access to their private data using your client ID. It will be shown for all applications registered in this project.

OAuth 2.0 client IDs

<input type="checkbox"/>	Name	Creation date	Type	Client ID	
<input type="checkbox"/>	IntegrationCloud	Aug 3, 2016	Web application	1055447688305-bmip47h4d229c7g8jhthe19cs4fvudgf.apps.googleusercontent.com	

Client ID for Web application

Client ID 1055447688305-bmip47h4d229c7g8jhthe19cs4fvudgf.apps.googleusercontent.com
Client secret dfuhRq71_████████████████████
Creation date Aug 3, 2016, 10:23:08 PM

All

Google



Click "Select" for the type of connection to create.



Google Calendar

Select



Google Mail

Select



Google Task

Select

Credentials

You can configure the Security Policy for this connection. Please select the Security Policy.

Security Policy Google OAuth Authorization Code Credentials

Your application/endpoint requires that users and services provide security credentials for access. Specify the login credentials below.

Property Name	Property Value
Client Id	1055447688305-bmip47h4d229c7g8jhthe19cs4fvudgf.apps.googleusercontent.com
Client Secret	dfuhRq71_████████████████████
Scope	https://www.googleapis.com/auth/gmail.compose


Provide Consent

OK

Cancel



▼ AircraftCX Google Integration would like to:

 Manage drafts and send emails



By clicking "Allow", you allow this app and Google to use your information in accordance with their respective terms of service and privacy policies. You can change this and other [Account Permissions](#) at any time.

Deny

Allow

✓ Basic Info

Operations

Parameters

Summary

* Select Operation

Enter operation name

Get Message

Get Message Attachment

Send Message

List Drafts


Create Draft

Get Draft

Delete Draft

Send Draft

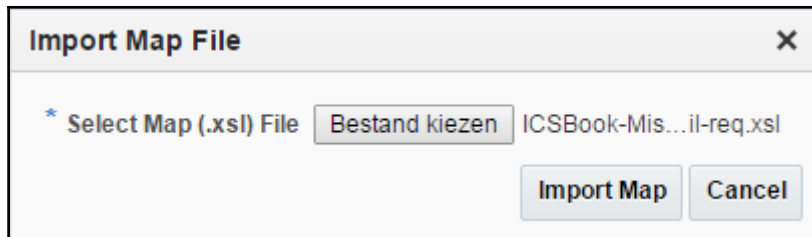
Source	Find...	Mappings	Target	Find...
<ul style="list-style-type: none"> ▲ <> *MissingPersonReport <> *faFlightID <> *ident <> *origin <> *destination ▲ <> *missingPerson <> *idNumber <> *idType <> *title <> firstName <> initials <> *lastName <> *luggageTag ▲ <> *mailSettings <> *from <> *to 		<p>Drag and drop source to target to create a mapping.</p> <p>Click a checkmark on source or target to see mappings.</p>	<ul style="list-style-type: none"> ● ▲ <> *sendMsg ● ▲ <> Messages.definitions.requestPayloadForSendMs ● <> raw ● <> labelIds ● <> threadId ● ▲ <> QueryParameters ● <> uploadType 	

	<p>EMAILMISSINGPERS_CH5_01.00.0000.iar</p> <p>https://icssandbox-a167512.integration.us2.oraclecloud.com/ics/faces/global?...</p> <p>Show in folder</p>	×
--	--	----------------

```

<!--User Editing allowed BELOW this line - DO NOT DELETE THIS LINE-->
<xsl:template match="/" xml:id="id_11">
  <xsl:variable name="email" xml:id="id_12">
    <xsl:value-of select="concat('To: ',
      concat(/nstrgmpr:MissingPersonReport/nstrcmpr:mailSettings/nstrcmpr:to) " xml:id="id_13"/>
    <xsl:text xml:id="id_14">&#xa;</xsl:text>
    <xsl:value-of select="concat('From: ',
      concat(/nstrgmpr:MissingPersonReport/nstrcmpr:mailSettings/nstrcmpr:from) " xml:id="id_15"/>
    <xsl:text xml:id="id_16">&#xa;</xsl:text>
    <xsl:value-of select="'Subject: Missing Person Report'" xml:id="id_17"/>
    <xsl:text xml:id="id_18">&#xa;</xsl:text>
    <xsl:value-of select="'Content-Type: text/plain; charset=utf-8'" xml:id="id_19"/>
    <xsl:text xml:id="id_20">&#xa;</xsl:text>
    <xsl:value-of select="'MIME-Version: 1.0'" xml:id="id_21"/>
    <xsl:text xml:id="id_22">&#xa;</xsl:text>
    <xsl:text xml:id="id_23">&#xa;</xsl:text>
    <xsl:value-of select="'New missing person report:'" xml:id="id_24"/>
    <xsl:text xml:id="id_25">&#xa;</xsl:text>
    <xsl:text xml:id="id_26">&#xa;</xsl:text>
    <xsl:value-of xml:id="id_27"
      select="concat(/nstrcmpr:MissingPersonReport/nstrcmpr:missingPerson/nstrcmpr:title, ' ',
        /nstrcmpr:MissingPersonReport/nstrcmpr:missingPerson/nstrcmpr:initials, ' (',
        /nstrcmpr:MissingPersonReport/nstrcmpr:missingPerson/nstrcmpr:firstName, ') ',
        /nstrcmpr:MissingPersonReport/nstrcmpr:missingPerson/nstrcmpr:lastName, ' is late for
        flight #', /nstrcmpr:MissingPersonReport/nstrcmpr:ident)"/>
    <xsl:text xml:id="id_28">&#xa;</xsl:text>
    <xsl:value-of xml:id="id_29"
      select="concat ('Luggage Tag #',
        /nstrcmpr:MissingPersonReport/nstrcmpr:missingPerson/nstrcmpr:luggageTag )"/>
  </xsl:variable>
  <nstrgmpr:sendMsg xml:id="id_30">
    <nstrgmpr:Messages.definitions.requestPayloadForSendMsg xml:id="id_31">
      <nsmpr0:raw xml:id="id_32">
        <xsl:value-of select="$email" xml:id="id_33"/>
      </nsmpr0:raw>
    </nstrgmpr:Messages.definitions.requestPayloadForSendMsg>
    <nstrgmpr:QueryParameters xml:id="id_34">
      <nsmpr0:uploadType xml:id="id_35">media</nsmpr0:uploadType>
    </nstrgmpr:QueryParameters>
  </nstrgmpr:sendMsg>
</xsl:template>

```



<ul style="list-style-type: none"> Inbox Drafts Sent Junk Trash 	<div style="text-align: right;">Message 1 of 1</div> <h3>Missing Person Report</h3> <div style="display: flex; align-items: center;"> <div> <p>From: implementingics@gmail.com</p> <p>To: test@oracle-integration.cloud</p> <p>Date: Today 20:49</p> </div> </div> <hr/> <p>New missing person report:</p> <p>Mr JJ (John) Smith is late for flight #KL2016 Luggage Tag #4b510c52-96f3-4854-a680-41dfefef2075</p>
--	--

in:sent

Gmail

1 of 1

COMPOSE

- Inbox
- Starred
- Sent Mail
- Drafts
- More

Implementing

Q

Missing Person Report

implementingics@gmail.com

to test

20:49 (2 minutes ago)

New missing person report:

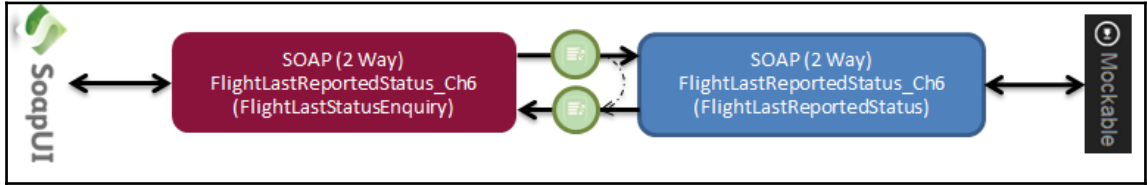
Mr JJ (John) Smith is late for flight #KL2016
 Luggage Tag #4b510c52-96f3-4854-a680-41dfefef2075

test

test@oracle-integration.cloud

Show details

Chapter 6:



Exit Mapper

Map: FlightLastReportedStatusResponse to FlightLastStatusReply

Save

Source	Filter	Detach	Map	Mappings	Target	Filter	Detach	Test
*FlightLastReportedStatusResponse				<p>Drag and drop source to target to create a mapping.</p> <p>Click a checkmark on source or target to see mappings.</p>	*FlightLastStatusReply			
<> *faFlightID					<> *faFlightID			
<> *timestamp					<> *ident			
<> *longitude					<> *prefix			
<> *latitude					<> *suffix			
<> *updateType					<> *timestamp			
<> *altitude					<> *longitude			
<> *heading					<> *latitude			
\$SourceApplicationObject					<> *updateType			
*FlightStatusEnquiry					<> *altitude			
<> *faFlightID					<> *heading			
<> ident					flightNotes			
<> prefix					<> *NoteType			
<> suffix					<> *Note			
					<> simpleNote			

Test Mapper [X]

Test Map [Help] [Generate Inputs] [Clear] [Execute]

Input: FlightLastReportedStatusResponse \$SourceApplicationObject

```
<?xml version = '1.0' encoding = 'UTF-8'?>
<ns0:FlightLastReportedStatusResponse xmlns:ns0="http://ora
<ns0:faFlightID>faFlightID9022</ns0:faFlightID>
<ns0:timestamp>9023</ns0:timestamp>
<ns0:longitude>90240.96</ns0:longitude>
<ns0:latitude>90250.96</ns0:latitude>
<ns0:updateType>updateType9026</ns0:updateType>
<ns0:altitude>9027</ns0:altitude>
<ns0:heading>9028</ns0:heading>
</ns0:FlightLastReportedStatusResponse>
```

Output: FlightLastStatusReply

```
<?xml version = '1.0' encoding = 'UTF-8'?>
<nstrgmpr:FlightLastStatusReply xmlns:wsdl="http://schem
<nstrgmpr:faFlightID>faFlightID9022</nstrgmpr:faFlightID
<nstrgmpr:ident>ident9030</nstrgmpr:ident>
<nstrgmpr:prefix>prefix9031</nstrgmpr:prefix>
<nstrgmpr:suffix>suffix9032</nstrgmpr:suffix>
<nstrgmpr:timestamp>9023</nstrgmpr:timestamp>
<nstrgmpr:longitude>90240.96</nstrgmpr:longitude>
<nstrgmpr:latitude>90250.96</nstrgmpr:latitude>
<nstrgmpr:updateType>updateType9026</nstrgmpr:upd
<nstrgmpr:altitude>9027</nstrgmpr:altitude>
<nstrgmpr:heading>9028</nstrgmpr:heading>
</nstrgmpr:FlightLastStatusReply>
```

[Close]

Add WSDL [X]

Add WSDL [Settings]

Creates a WSDL Interface from a WSDL definition

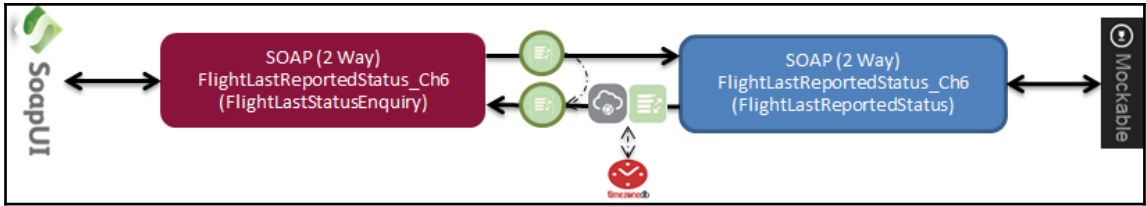
WSDL Location: [Browse...]

Create Requests: Create sample requests for all operations?


Create TestSuite: Creates a TestSuite for the imported WSDL

Create MockService: Creates a Web Service Simulation of the imported WSDL


[?] [OK] [Cancel]



FlightStatusEnquiry_Ch6 | 1.0

 **ACTIVE** | TRACE ENABLED

Updated 13 minutes ago
by robert.van.molken...

 **MAP MY DATA**

This service will not respond and communication system returning...

- View
- Edit
- Clone
- Export
- Delete
- Deactivate

Clone Integration

Enter information that describes this integration. Use a meaningful name and description to help others find and understand this integration. The Identifier and Version can be set only when the integration is created. The combination of Identifier and Version must be unique.

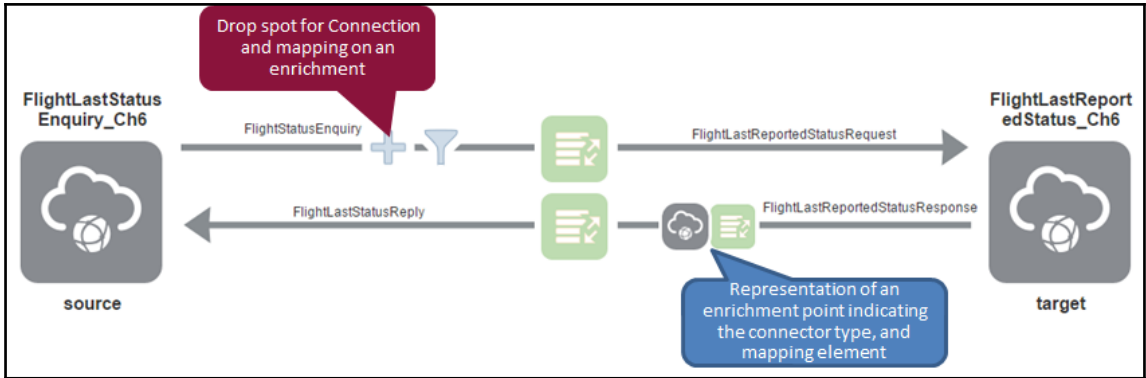
* **Integration Name**

* **Identifier**

* **Version**

Package Name

Description



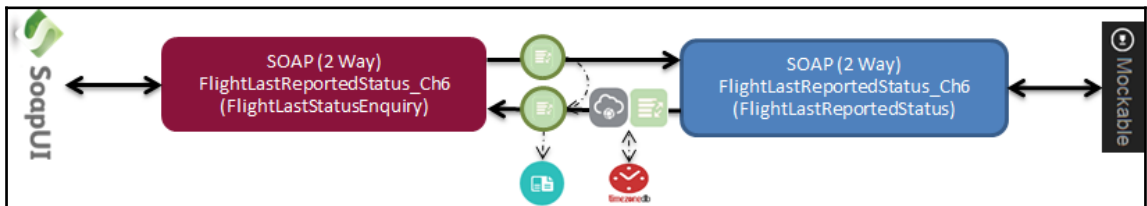
Configure Oracle REST Endpoint

Help ▾ < Back Next > Close Done

Oracle REST Endpoint Configuration Summary
Oracle REST endpoint configuration was successful.

✓ Basic Info	test
✓ Request Parameters	Description
Request	REST Service URI http://api.timezonedb.com/
Request Headers	Method GET
✓ Response	Query Params key, lat, lng
Response Headers	Response Media Type application/xml
Summary	

Source	Find...	Mappings	Target	Find...	Mapping
<ul style="list-style-type: none"> *FlightLastReportedStatusResponse <ul style="list-style-type: none"> *faFlightID *timestamp *longitude *latitude *updateType *altitude *heading \$SourceApplicationObject <ul style="list-style-type: none"> *FlightStatusEnquiry <ul style="list-style-type: none"> *faFlightID ident prefix suffix 			<ul style="list-style-type: none"> *execute <ul style="list-style-type: none"> QueryParameters <ul style="list-style-type: none"> lat lng key 		<ul style="list-style-type: none"> latitude longitude key-string



Home Designer Monitoring Administration

Integrations Connections Agents Lookups Packages Adapters

Import New Lookup

Oct 16, 2016 3:08:59 PM UTC

Lookups

ch9 Search Sort by: Last Update

There is no data to display.

New Lookup - Information

Enter a name and description and use this lookup when they... others can find


Enter a name using letters (A-Z a-z), numbers (0-9) and special characters (_ -). It cannot be longer than 50 characters.

* Lookup Name

Description

Lookups
 Create a lookup to associate the different values used by your applications. When you create an integration, you can use this lookup to auto-map these values.

Description: This describes the mapping between 2 letter IATA character airline codes, fullnames and callsigns





	Use Adapter 1 <input type="button" value="x"/>	Use Adapter 2 <input type="button" value="x"/>	Use Adapter 3 <input type="button" value="x"/>	Use Adapter 4 <input type="button" value="x"/>	<input type="button" value="+"/>
<input type="button" value="trash"/>	BA	BAA	British Airways	Speedbird	
<input type="button" value="trash"/>	KL	KLM	Royal Dutch Airlines	KLM	
<input type="button" value="trash"/>	UA	UAL	United Airlines	United	













Build Mappings

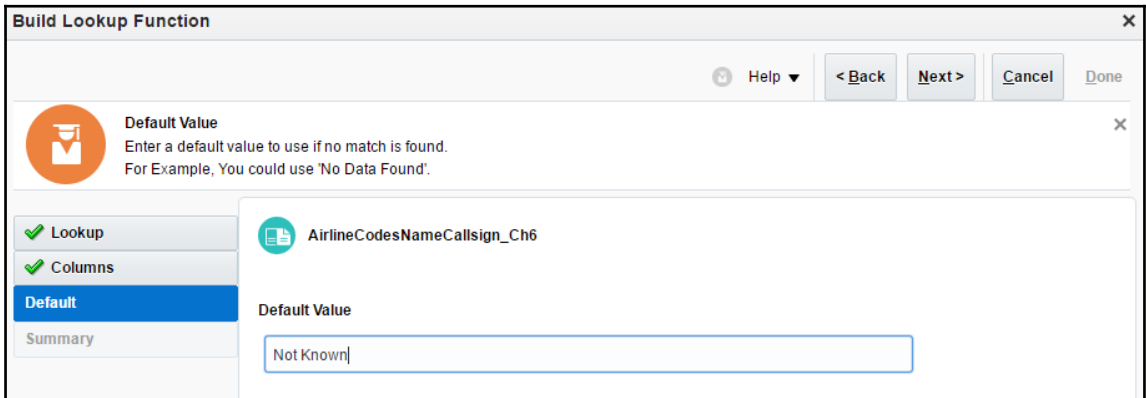
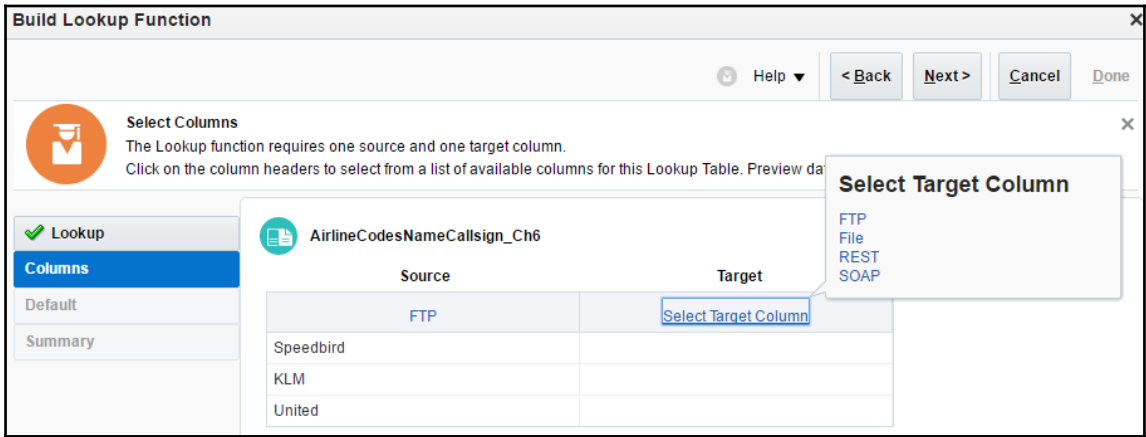
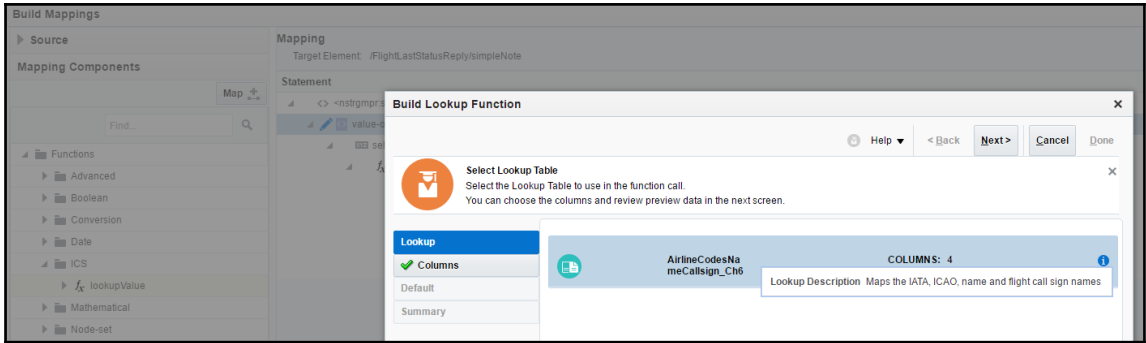
▶ **Source**

Mapping Components

Map 

Find... 

- ▶  Functions
 - ▶  Advanced
 - ▶  Boolean
 - ▶  Conversion
 - ▶  Date
 - ▶  ICS
 - ▶  lookupValue
 - dvmLocation
 - srcColumn
 - srcValue
 - targetColumn
 - defaultValue
 - ▶  Mathematical
 - ▶  Node-set
 - ▶  String
 - ▶  Operators
 - ▶  XSL Elements



Build Lookup Function

Help < Back Next > Cancel Done

Summary

On this page, you can confirm the resulting expression.
 Note the "Source Value" contains a placeholder value of "srcValue". This value needs to be selected in the main editor after clicking Done.

Parameter	Value	
Lookup Table	AirlineCodesNameCallsign_Ch6	✓
Source Column	SOAP	✓
Source Value	Note: The value for this parameter should be set in the editor.	
Target Column	REST	✓
Default Value	Not Known	✓

Resulting Expression

```
dvm.lookupValue('tenant/resources/dvms/AirlineCodesNameCallsign_Ch6','soap','srcValue','rest','Not Known')
```

Statement

```
<> <nstrgmp: simpleNote>
```

```
  <> value-of
```

```
    select
```

```
      f_x dvm:lookupValue(dvmLocation, srcColumn, srcValue, targetColumn, defaultValue)
```

```
        tenant/resources/dvms/AirlineCodesNameCallsign_Ch6
```

```
        soap
```

```
        srcValue
```

```
        rest
```

```
        Not Known
```


Source

View ▾ Filter Detach Map

Find...

- ▲ <> *FlightLastReportedStatusResponse
 - <> *faFlightID
 - <> *timestamp ✔
 - <> *longitude ✔
 - <> *latitude ✔
 - <> *updateType ✔
 - <> *altitude ✔
 - <> *heading ✔
- ▲ <> \$SourceApplicationObject
 - ▲ <> *FlightStatusEnquiry
 - <> *faFlightID ✔
 - <> ident ✔
 - <> prefix ✔
 - <> suffix ✔

Mapping

Target Element: /FlightLastStatusReply/simpleNote

Statement

- ▲ <> <nstrgmpr:simpleNote>
 - ▲ value-of
 - ▲ select
 - ▲ f_x dvm:lookupValue(dvmLocation, srcColumn, srcValue, targetColumn, defaultValue)
 - tenant/resources/dvms/AirlineCodesNameCallsign_Ch6
 - soap
 - (x) \$SourceApplicationObject/nstrgmpr:FlightStatusEnquiry/nstrgmpr:suffix**
 - rest
 - Not Known

Test Mapper

Help Generate Inputs Clear Execute

Test Map

htLastReportedStatusResponse \$SourceApplicationObject \$Respi Output: FlightLastStatusReply

```
<?xml version = '1.0' encoding = 'UTF-8'?>
<ns0:FlightStatusEnquiry xmlns:ns0="http://oracle-integration.cloud/s
<ns0:faFlightID>faFlightID9118</ns0:faFlightID>
<ns0:ident>ident9119</ns0:ident>
<ns0:prefix>KL</ns0:prefix>
<ns0:suffix>ident9119</ns0:suffix>
</ns0:FlightStatusEnquiry>
```


```
<?xml version = '1.0' encoding = 'UTF-8'?>
<nstrgmpr:FlightLastStatusReply xmlns:nsmpr4="http://xmln
<nstrgmpr:faFlightID>faFlightID9118</nstrgmpr:faFlightID>
<nstrgmpr:ident>ident9119</nstrgmpr:ident>
<nstrgmpr:prefix>KL</nstrgmpr:prefix>
<nstrgmpr:suffix>ident9119</nstrgmpr:suffix>
<nstrgmpr:timestamp>9112</nstrgmpr:timestamp>
<nstrgmpr:longitude>91130.98</nstrgmpr:longitude>
<nstrgmpr:latitude>91140.98</nstrgmpr:latitude>
<nstrgmpr:updateType>updateType9115</nstrgmpr:updat
<nstrgmpr:altitude>9116</nstrgmpr:altitude>
<nstrgmpr:heading>9117</nstrgmpr:heading>
<nstrgmpr:flightNotes>
  <nstrgmpr:Note Type>zoneName9125</nstrgmpr:NoteTy
  <nstrgmpr:Note>countryCode9124</nstrgmpr:Note>
</nstrgmpr:flightNotes>
<nstrgmpr:simpleNote>Royal Dutch Airlines</nstrgmpr:sir
</nstrgmpr:FlightLastStatusReply>
```


Close

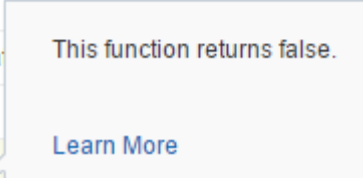
Build Mappings

▶ Source

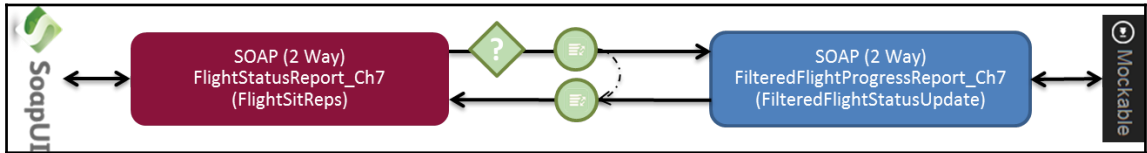
Mapping Components

Map 

Find... 

- ▶ Functions
 - ▶ Advanced
 - ▶ f_x general
 - ▶ Boolean
 - f_x false 
 - ▶ f_x lang
 - f_x true
 - ▶ Conversion
 - ▶ Date
 - ▶ ICS
 - ▶ Mathematical
 - ▶ Node-set
 - ▶ String
- ▶ Operators
- ▶ XSL Elements

Chapter 7:



ORACLE Integration Cloud Service

admin@oracle-inte...

Exit Condition Builder Editing Save Expression Mode

Inputs

View Filter Detach

Source Find...

- *FlightProgress
 - ID
 - ident
 - prefix
 - type
 - ICAORef
 - origin
 - destination
 - timeout
 - timestamp
 - longitude
 - latitude
 - updateTime

View Detach

Components Find...

- Functions
- Operators

Expression Name

New Condition + () ▼ ☒ ⬅

Drag and drop or type here

= ▼

Drag and drop or type here

Expression Name

isPosReport

type = "POS" + () ▼ 🗑️ ⬅️

/nssrcmpr:FlightProgress/nssrcmpr:type

= ▼

"POS"

ORACLE Integration Cloud Service admin@oracle-inte...

Exit Expression Builder *Editing* Save Condition Mode

Inputs

View ▼ Filter 🗑️ Detach

Source Find... 🔍

- <> *FlightProgress
 - <> *ID
 - <> *ident
 - <> *prefix
 - <> *type ✓
 - <> *ICAORef
 - <> *origin
 - <> *destination
 - <> *timeout
 - <> *timestamp
 - <> *longitude
 - <> *latitude
 - <> *updateType

Expression Name

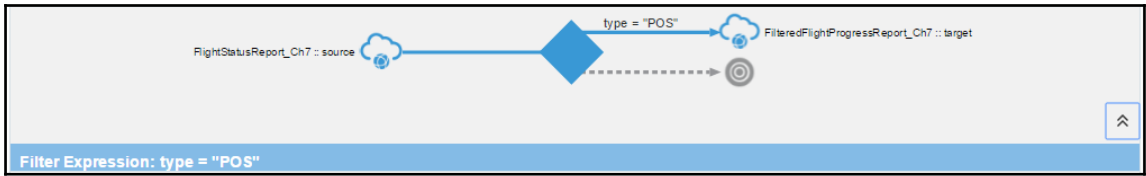
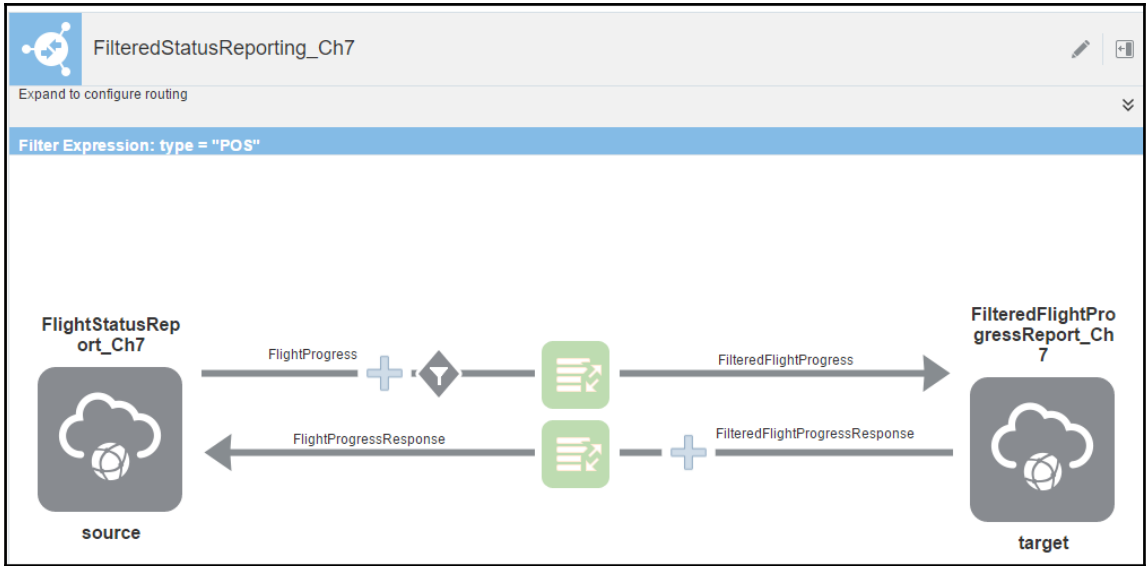
isPosReport

Expression

/nssrcmpr:FlightProgress/nssrcmpr.type = "POS"

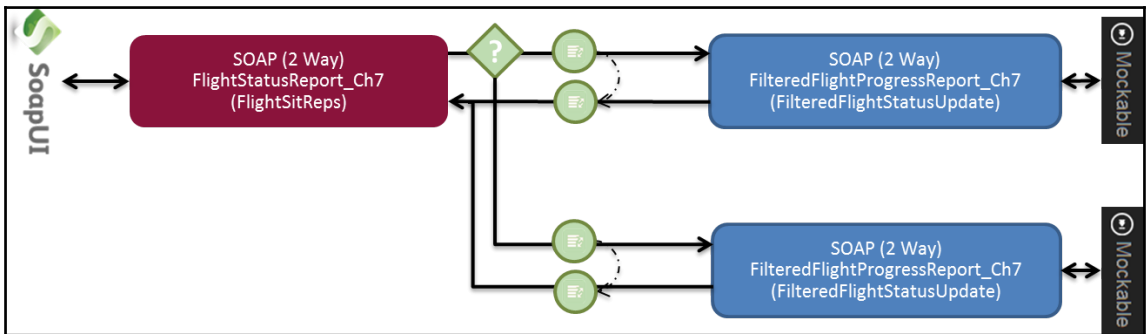
Expression Summary ↻

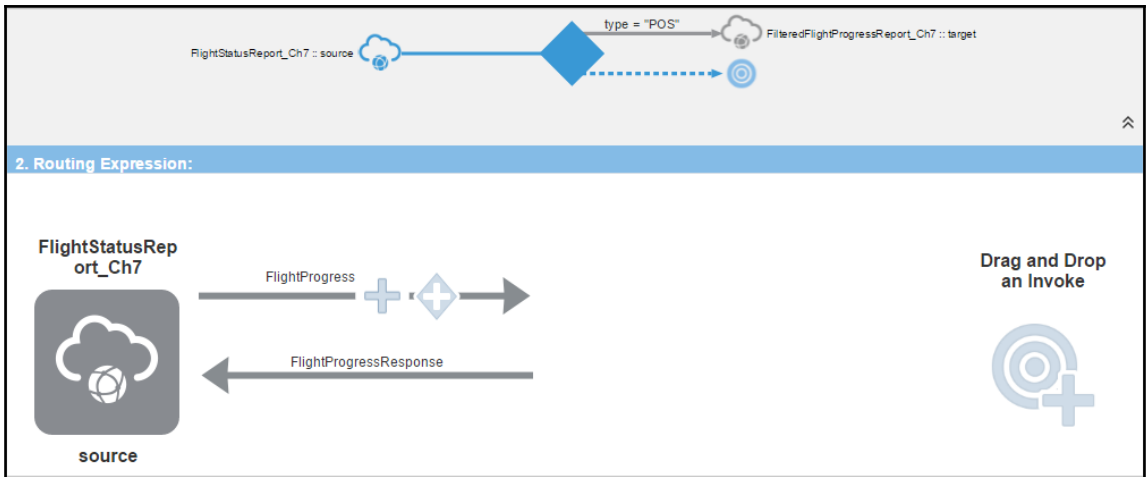
type = "POS"



Endpoint	<input type="text" value="http://demo8825131.mockable.io/"/> FilteredFlightServices
SoapAction	<input type="text" value="FilteredFlightStatusUpdate"/>
Headers	<input type="button" value="+"/>
Response status	<input type="text" value="200 - OK"/>
Content-Type	<input type="text" value="Choose"/> text/xml Content-Type Header for response
Content-Encoding	<input type="text" value="UTF-8"/> Content-Encoding Header for response
Response body	<p>Enable Dynamic Response: <input type="checkbox"/></p> <pre>ksoapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns0="http://oracle-integration.clo <soapenv:Header/> <soapenv:Body> <ns0:FilteredFlightProgressResponse> <ns0:ID>hardwired Id</ns0:ID> <ns0:ident>hardwired ident</ns0:ident> <ns0:updateType>updateType38</ns0:updateType> <ns0:notified>success</ns0:notified> </ns0:FilteredFlightProgressResponse> </soapenv:Body> </soapenv:Envelope></pre>
Display Name	<input type="text" value="FilteredFlightStatusUpdate"/> Optional. We will generate one for you based on the Endpoint and SoapAction.
Enable Request Logger	<input checked="" type="checkbox"/>
Set response delay	<input type="checkbox"/> <input type="text" value="1"/> in seconds
	<input type="button" value="Save"/> <input checked="" type="button" value="Started"/> <input type="button" value="Cancel"/>

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <nstrgmpr:FlightProgressResponse
      xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
      xmlns:nstrgmpr="http://oracle-integration.cloud/soap/IntegratedSourceFlightSit
      xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:http="http://schemas.xmlsoap.org/wsdl/http/"
      xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/"
      xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/">
      <nstrgmpr:ID>994</nstrgmpr:ID>
      <nstrgmpr:ident>110</nstrgmpr:ident>
      <nstrgmpr:updateType>POS</nstrgmpr:updateType>
      <nstrgmpr:notified>success</nstrgmpr:notified>
    </nstrgmpr:FlightProgressResponse>
  </env:Body>
</env:Envelope>
```





Mapping Help Save Revert Actions

Target Element: /FlightProgressResponse/notified

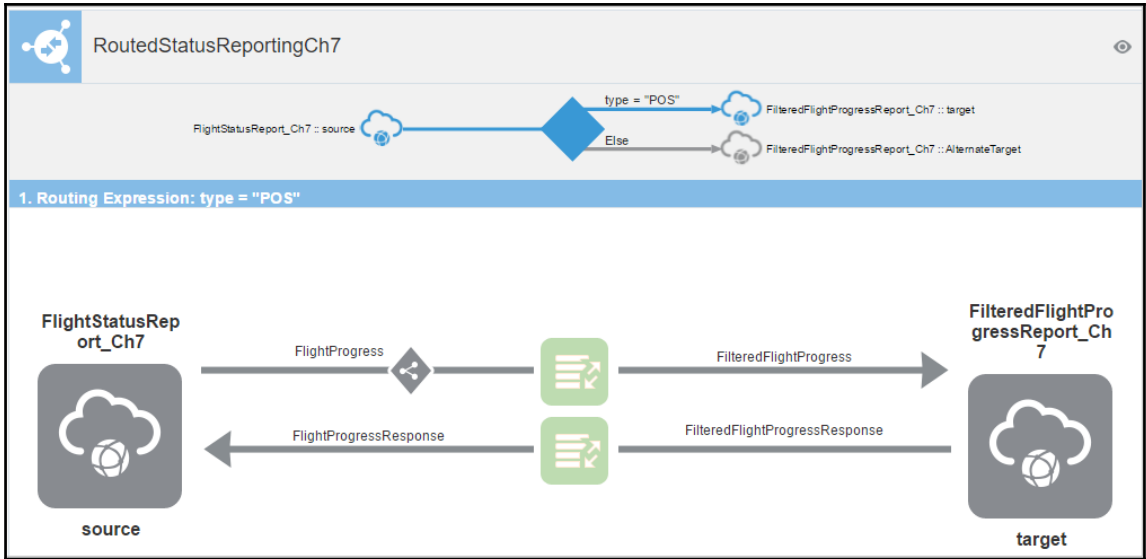
Statement

- <> <nstrgmpr:notified>
 - value-of
 - select
 - concat(string1, string2, ...)

"Alternate Path"

<> /nssrcmpr:FilteredFlightProgressResponse/nssrcmpr:notified

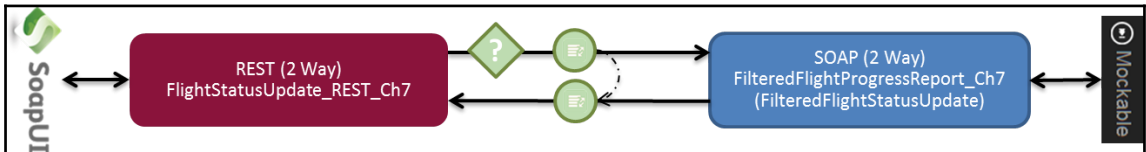




```

<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <nstrgmpr:FlightProgressResponse
      xmlns:wSDL="http://schemas.xmlsoap.org/wSDL/"
      xmlns:nstrgmpr="http://oracle-integration.cloud/soap/IntegratedSourceFlightSit"
      xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:http="http://schemas.xmlsoap.org/wSDL/http/"
      xmlns:mime="http://schemas.xmlsoap.org/wSDL/mime/"
      xmlns:soap="http://schemas.xmlsoap.org/wSDL/soap/">
      <nstrgmpr:ID>989</nstrgmpr:ID>
      <nstrgmpr:ident>hardwired ident</nstrgmpr:ident>
      <nstrgmpr:updateType>updateType38</nstrgmpr:updateType>
      <nstrgmpr:notified>Alternative Path success</nstrgmpr:notified>
    </nstrgmpr:FlightProgressResponse>
  </env:Body>
</env:Envelope>

```



FlightStatusUpdate_REST_Ch7

Use this page to configure connection details, such as email contact, connection properties, and connection login credentials. When complete, click Test to test your connection. If the connection test is successful, click Save.



Identifier: FLIGHTSTAT_REST_CH7

Adapter: REST

Connection Role: Trigger

Description: Receives flight status report information and returns relevant update information based on the update type



Connection Administrator

You can receive email notifications when problems or changes occur in this connection. Enter the email address to receive these notifications.

Email Address

Security

[Configure Security](#)

Click Configure Security to specify the login credentials to access your application/endpoint.



Security Policy [Basic Authentication](#)

Configure Oracle REST Endpoint

Request Sample Json Payload

Enter the sample JSON that describes the HTTP message payload.

JSON value entered here will be used to define the payload type for this service.

```

{
  "FlightSitRepType": {
    "ID": "1234",
    "ident": "1234",
    "prefix": "101",
    "type": "POS",
    "ICAORef": "BA",
    "origin": "LDN",
    "destination": "SFO",
    "timeout": "1",
    "timestamp": "1",
    "longitude": "1",
    "latitude": "1",
    "updateType": "POS"
  }
}

```

Cancel Ok

Mapping

Target Element: /executeResponse/response-wrapper/FlightSitRepResponseType/notified

Statement

```

<> <nsmpr0:notified>
  <> <xsl:value-of select = 'concat("JSON response is", /nssrcmpr:FilteredFlightProgressResponse/nssr
    select
      concat
        JSON response is
        <> /nssrcmpr:FilteredFlightProgressResponse/nssrcmpr:notified

```

Expression Name

IsPOS

Match All of ▾

type = "POS"

Any of

ICAORef = "BA"

ICAORef = "KL"



/nssrcmpr:execute/nsmpr0:request-wrapper/nsmpr0:FlightSitRepType/nsmpr0:ICAORef

= ▾

"KL"

https://f

Resource /FlightStatusUpdate/

Method POST

Request

Request Media Type

- application/json

Request sample

```
{ "FlightSitRepType": { "ID": "1234", "ident": "1234", "prefix": "101", "type": "POS", "ICAORef": "BA", "origin": "LDN", "destination": "SFO", "timeout": "1", "timestamp": "1", "longitude": "1", "latitude": "1", "updateType": "POS" } }
```

Response

Response Media Type

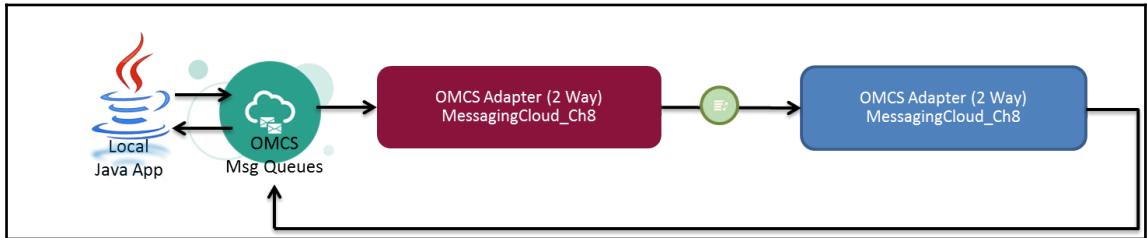
- application/json

Response sample

```
{ "FlightSitRepResponseType": { "ID": "1234", "ident": "1234", "updateType": "Complete", "notified": "yes" } }
```

```
1 {} "FlightSitRepResponseType": {  
2   "ID": "54321",  
3   "ident": "1234",  
4   "updateType": "POS",  
5   "notified": "JSON response is success"  
6 }} }
```

Chapter 8:



C:\WINDOWS\system32\cmd.exe













```
E:\Docs\Phil\OneDrive\Dropbox\ICS Book Documents\_Resources\Chapter 8\apps\FlightPositionTracker\dist>java -jar "FlightPositionTracker.jar"
Sep 16, 2016 2:47:16 PM ics.book.tracker.main.FlightPositionTracker isQueueAvailable
INFO: Status: PROVISIONED
Sep 16, 2016 2:47:16 PM ics.book.tracker.main.FlightPositionTracker isQueueAvailable
INFO: Status: PROVISIONED
Sep 16, 2016 2:47:16 PM ics.book.tracker.publish.PublishToCloud <init>
INFO: Creating PublishToQueue
Sep 16, 2016 2:47:16 PM ics.book.tracker.publish.PublishToCloud start
INFO: Starting PublishToQueue
Sep 16, 2016 2:47:16 PM ics.book.tracker.publish.PublishToCloud run
INFO: Running PublishToQueue
Sep 16, 2016 2:47:16 PM ics.book.tracker.subscribe.SubscribeToCloud <init>
INFO: Creating SubscribeToQueue
Sep 16, 2016 2:47:16 PM ics.book.tracker.subscribe.SubscribeToCloud start
INFO: Starting SubscribeToQueue
Sep 16, 2016 2:47:16 PM ics.book.tracker.main.FlightPositionTracker runInBackground
INFO: Waiting for threads to finish.
Sep 16, 2016 2:47:16 PM ics.book.tracker.subscribe.SubscribeToCloud run
INFO: Running SubscribeToQueue
Sep 16, 2016 2:47:16 PM ics.book.tracker.subscribe.SubscribeToCloud readMessage
INFO: SubscribeToQueue: Reading message from ProcessedQueue
Sep 16, 2016 2:47:16 PM ics.book.tracker.publish.PublishToCloud run
INFO: PublishToQueue: <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ProcessedResult xmlns="http://oracle-integration.cloud/messages/FlightPathUpdate/">
  <pathID>KL1620-1</pathID>
</ProcessedResult>

Sep 16, 2016 2:47:16 PM ics.book.tracker.publish.PublishToCloud sendMessage
INFO: PublishToQueue: Publishing message to TrackerQueue
Sep 16, 2016 2:47:18 PM ics.book.tracker.publish.PublishToCloud sendMessage
INFO: PublishToQueue: Message to TrackerQueue successfully published
Sep 16, 2016 2:47:22 PM ics.book.tracker.subscribe.SubscribeToCloud run
INFO: SubscribeToQueue: No message on queue
Sep 16, 2016 2:47:25 PM ics.book.tracker.subscribe.SubscribeToCloud readMessage
INFO: SubscribeToQueue: Reading message from ProcessedQueue
Sep 16, 2016 2:47:29 PM ics.book.tracker.subscribe.SubscribeToCloud run
INFO: SubscribeToQueue: No message on queue
Sep 16, 2016 2:47:32 PM ics.book.tracker.subscribe.SubscribeToCloud readMessage
INFO: SubscribeToQueue: Reading message from ProcessedQueue
Sep 16, 2016 2:47:36 PM ics.book.tracker.subscribe.SubscribeToCloud run
INFO: SubscribeToQueue: No message on queue
Sep 16, 2016 2:47:39 PM ics.book.tracker.subscribe.SubscribeToCloud readMessage
INFO: SubscribeToQueue: Reading message from ProcessedQueue
Sep 16, 2016 2:47:45 PM ics.book.tracker.subscribe.SubscribeToCloud run
INFO: SubscribeToQueue: No message on queue
Sep 16, 2016 2:47:48 PM ics.book.tracker.subscribe.SubscribeToCloud readMessage
INFO: SubscribeToQueue: Reading message from ProcessedQueue
Sep 16, 2016 2:47:48 PM ics.book.tracker.publish.PublishToCloud run
INFO: PublishToQueue: <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ProcessedResult xmlns="http://oracle-integration.cloud/messages/FlightPathUpdate/">
  <pathID>KL1620-2</pathID>
```

Create Connection - Select Adapter

All

Click "Select" for the type of connection to create.

 Select	 Select	 Select	 Select
Oracle ERP Cloud  Select	Oracle Field Service Cloud  Select	Oracle HCM Cloud  Select	Oracle Messaging Cloud Service  Select
Oracle RightNow 	Oracle Sales Cloud 	Oracle Siebel 	Responsys 

Cancel

Messaging Cloud Ch8

Use this page to configure connection details, such as email contact, connection properties, and connection login credentials. When complete, click Test to test your connection. If the connection test is successful, click Save.



Identifier: MESSAGING_CLOUD_CH8

Adapter: Oracle Messaging Cloud Service

Connection Role: Trigger and Invoke

Description: Connects with our instance of OMCS to send and receive messages for Chapter 8.



Connection Administrator

You can receive email notifications when problems or changes occur in this connection. Enter the email address to receive these notifications.

Email Address

Connection Properties

[Configure Connectivity](#)

Click Configure Connectivity to specify information to connect to your application/endpoint and process requests.



Messaging Service URI

Security

[Configure Security](#)

Click Configure Security to specify the login credentials to access your application/endpoint.



Security Policy



Username



Password

Configure Oracle Messaging Cloud Service Endpoint

Help ▾ < Back Next > Cancel Done

Welcome to the Oracle Messaging Cloud Service Endpoint Configuration Wizard
This wizard helps you create a service using the Oracle Messaging Cloud Service connection. You will be asked to specify operation and messaging parameters for the service.

- Basic Info
- Operations
- Messages
- Summary

* What do you want to call your endpoint?
source bound

What does this endpoint do?
configuring ~~oms~~ inbound

Configure Oracle Messaging Cloud Service Endpoint

Help ▾ < Back Next > Cancel Done

Configure the Destination Name of the Queue or Topic.
Specify operation and messaging parameters for the service.

- Basic Info
- Operations
- Messages
- Summary

* Select a Destination

Filter By Destination Name Queue ▾

TrackerQueue
ProcessedQueue

The JNDI destination name of the queue or topic to consume the message.

Filter the Messages to Receive

Continue to receive messages when offline

Durable Subscriber ID

Configure Oracle Messaging Cloud Service Endpoint

Help ▾ < Back Next > Cancel Done

Specify the Schema and Element
Specify the schema that defines the message payload.

- Basic Info
- Operations
- Messages**
- Summary

Specify a definition for the message

1. Provide a location to the XSD that describes your message

* XSD Location No file chosen

```
<?xml version="1.0" encoding="windows-1252" ?>
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://oracle-integration.cloud/messages/FlightPathUpdate/"
  targetNamespace="http://oracle-integration.cloud/messages/FlightPathUpd
  elementFormDefault="qualified">
  <xsd:complexType name="FlightPathUpdateType">
  <xsd:sequence>
  <xsd:element name="pathID" type="xsd:string"/>
  <xsd:element name="time" type="xsd:string"/>
  </xsd:sequence>
  </xsd:complexType>
  </xsd:schema>
```

2. Select the schema element to use in this integration

* Element

Configure Oracle Messaging Cloud Service Endpoint

Help ▾ < Back Next > Cancel Done

Configure the Destination Name of the Queue or Topic.
Specify operation and messaging parameters for the service.

- Basic Info
- Operations**
- Messages
- Summary

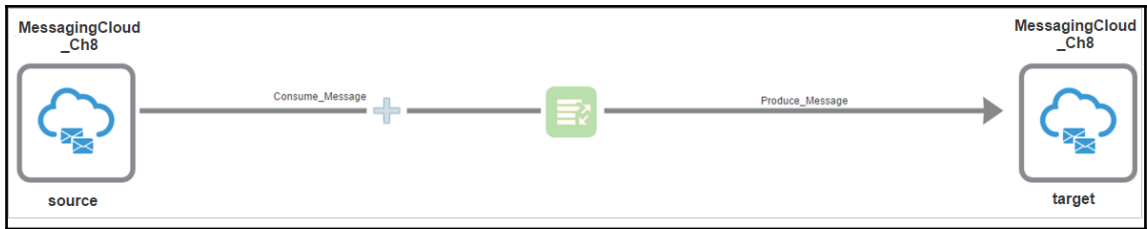
* Select a Destination

Filter By Destination Name Queue ▾

TrackerQueue
ProcessedQueue

The JNDI destination name of the queue or topic to produce the message.

Remove Message after seconds



Oct 17, 2016 10:38:42 AM ics.book.tracker.subscribe.SubscribeToCloud run
INFO: ProcessedQueue: Response received for KL1620-2

Chapter 9:



Site Manager

Select Entry:

- My Sites
 - ICS Book

General | Advanced | Transfer Settings | Charset

Host: oracle-integration.cloud Port:

Protocol: FTP - File Transfer Protocol

Encryption: Use explicit FTP over TLS if available

Logon Type: Normal

User:

Password:

Background color: None

Comments:







New Site | New Folder | New Bookmark | Rename | Delete | Duplicate

Connect | OK | Cancel

Connection Properties

Configure Connectivity



Click Configure Connectivity to specify information to connect to your application/endpoint and process requests.

	FTP Server Host Address ██████████
	FTP Server Port 21
	SFTP Connection No
	Host Key
	SSL Certificate
	FTP Server Time Zone .

Security

Configure Security

Click Configure Credentials to specify the login credentials to access your application/endpoint.

	Security Policy FTP Server Access Policy
	User Name ██████████

Configure Oracle FTP Endpoint

Help ▾

< Back

Next >

Cancel

Done



Welcome to the Oracle FTP Endpoint Configuration Wizard

This wizard helps you configure an endpoint using the Oracle FTP adapter. You will be asked to define parameters and a schema for transferring files from the endpoint.

Basic Info

Configure File Read

Format Definition

Summary

* What do you want to call your endpoint?

source

What does this endpoint do?

locate files to be moved

? Do you want to define a schema for this endpoint?

Yes No

Configure Oracle FTP Endpoint

Help ▾

< Back

Next >

Cancel

Done



Configure the File Transfer Parameters for the source FTP Endpoint.

Define the parameters for reading files from the source FTP endpoint.

✓ Basic Info

Configure File Read

Format Definition

Summary

Specify the following parameters for reading files from the endpoint.

* Select a Transfer Mode ASCII Binary

* Specify an Input Directory

? * Specify a File Name Pattern

Specify how the processing of the Operation is handled.

* Maximum Files

* Chunk Size

* Processing Delay seconds

Delete Files After Successful Retrieval

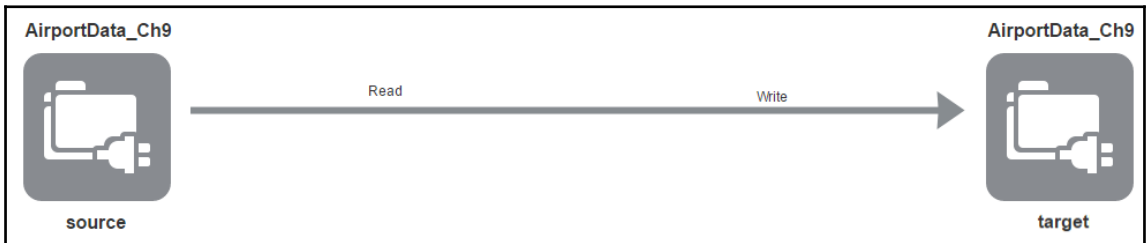
Configure Oracle FTP Endpoint

Oracle FTP Endpoint Configuration Summary.
Oracle FTP endpoint configuration was successful.

Basic Info
 Configure File Read
 Format Definition
Summary

source

Description	locate files to be moved
Transfer Mode	ASCII
Input Directory	/tmp/source
File Name Pattern	*.csv
Processing Delay	0 seconds
Maximum Files	100
Chunk Size	1
Delete Files After Successful Retrieval	Yes



Configure Oracle FTP Endpoint

Help ▾ < Back Next > Cancel Done

Oracle FTP Endpoint Configuration Summary.
Oracle FTP endpoint configuration was successful.

- Basic Info
- Configure File Write
- Format Definition
- Summary**

target

Description writes files to the target location

Transfer Mode ASCII

Append to existing file No

Output Directory /tmp/output/

File Name Pattern moved%SEQ%.csv

Business Identifiers For Tracking

View ▾ Filter [icon] Detach [icon]

Source Find... [icon]

<> *Read


Business identifiers enable runtime tracking on messages. Specify up to three tracking fields. A primary identifier is required. It enables you to track fields across integration flows and is always available.

Additional business identifier fields are optional. At runtime, they are available for tracking only when this integration flow is selected.

Primary	Tracking Field	Tracking Name	Help Text	
✓	\$(FILE_NAME)	File Name	How to track it?	[trash icon]
	Drag a trigger field here	What to call it?	How to track it?	
	Drag a trigger field here	What to call it?	How to track it?	

[Exit Scheduler](#)

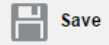
 Editing

Jul 9, 2016 3:57:36 PM UTC 



Run PublishAirportData_Ch9

SCHEDULE FOR: PublishAirportData_Ch9 | 1.0



Schedule Name: Run PublishAirportData_Ch9 

Takes airport data from an FTP location and invokes a SOAP service with the data

Frequency Only Once

This schedule runs:

On Jul 9, 2016 3:59 PM UTC

You must start up the schedule for these settings to take effect

Frequency ●●●



Every

1



Month(s) ✕

Select Date and Time



< June 2016 ^ v >

SUN	MON	TUE	WED	THU	FRI	SAT
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	<u>20</u>	21	22	23	24	25
26	27	28	29	30	1	2

02 ^ v : 06 ^ v : 14 ^ v

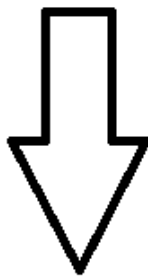
AM PM

OK Cancel

This schedule is effective:

From 14 minutes ago

Until Never (repeat indefinitely)







This schedule is effective:

From 22 minutes ago


Until tomorrow at 2:06 PM UTC

You must start up the schedule for these settings to take effect

← Exit Scheduler  Editing Aug 1, 2016 11:45:24 AM UTC 


 **17** Run PublishAirportData_Ch9  Save

SCHEDULE FOR: PublishAirportData_Ch9 | 1.0

Schedule Name: Run PublishAirportData_Ch9 

Takes airport data from an FTP location and invokes a SOAP service with the data

Frequency ●●●

 Every 11 minute(s) ✕

This schedule is effective:

From 1 minute ago

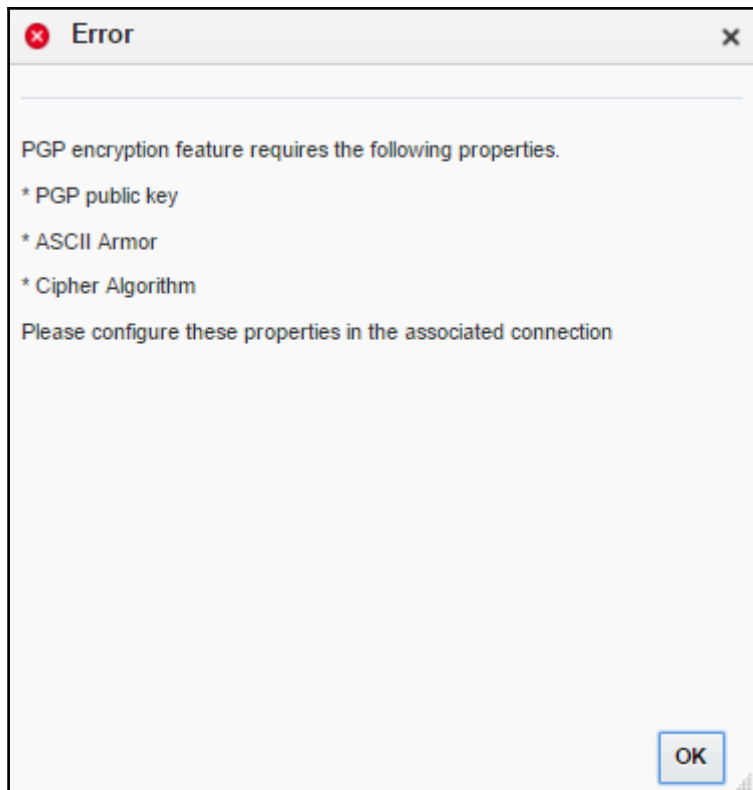
Until Jan 1, 2020 1:01 AM UTC

You must start up the schedule for these settings to take effect

- View
- Edit
- Clone
- Export
- Delete
- Submit Now**
- Schedule
- Deactivate

 Request to run Integration: PublishAirportData_Ch9 | 1.0 submitted successfully with requestId: 3648.



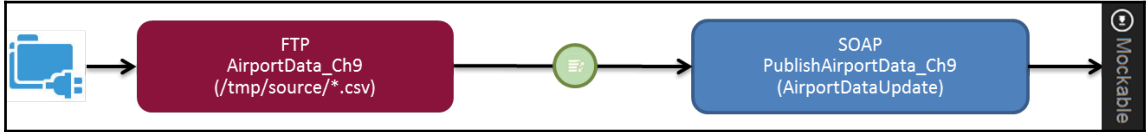
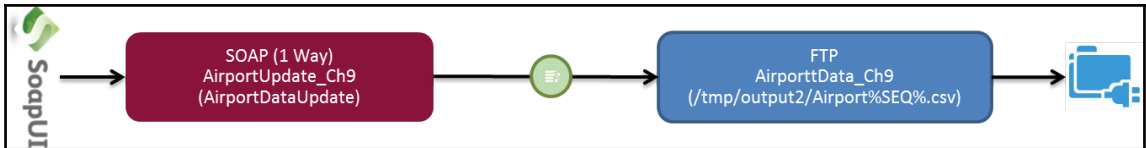
Credentials

You can configure the Security Policy for this connection. Please select the Security Policy.

Security Policy

Your application/endpoint requires that users and services provide security credentials for access. Specify the login credentials below.

Property Name	Upload File	Property Value
* User Name		<input type="text" value=""/>
* Password		<input type="password" value=""/>
* Confirm Password		<input type="password" value=""/>
SSL Certificate Password		<input type="text" value="Enter SSL Certificate Password"/>
Confirm SSL Certificate Password		<input type="text" value="Enter SSL Certificate Password"/>
PGP Public Key	<input checked="" type="checkbox"/> <input type="button" value="Upload"/>	<input type="text" value="public-key"/> <input type="button" value=""/>
Encryption Format		<input type="text" value="true"/>
Cipher Algorithm		<input type="text" value="AES128"/>
PGP Private Key	<input type="checkbox"/>	<input type="text" value="PGP Private Key is used for decrypting message payload"/>
PGP Private Key Password		<input type="text" value="PGP Private Key password is used for encrypting private key"/>
Confirm PGP Private Key Password		<input type="text" value="PGP Private Key password is used for encrypting private key"/>



Configure Oracle FTP Endpoint

Help < Back Next > Cancel Done



Define the Schema Format

Define the parameters for generating an XSD for native format or non-XML languages. The XSD is used at runtime to translate a native format message into an XML message and vice versa.

- Basic Info
- Configure File Read
- Format Definition**
- Summary

Create a New Schema from a CSV file

Select a New Delimited Data File No file chosen

Selected File Name airports_Ch9.csv

* Enter the Record Name

* Enter the Recordset Name

Select the Field Delimiter

Character Set

Optionally Enclosed By

Detach Use the First Row of the File as the Column Headers

id	ide	typ	nar	lati	lon	ele	cor	iso	iso	mu	sch	gps	iatz	loc	hor	wik	key
Str	Str	Str	Str	Str	Str	Str	Str	Str	Str	Str	Str	Str	Str	Str	Str	Str	Str
6...	0...	h...	T...	4...	-...	11	NA	US	U...	B...	no	0...	0...				
6...	0...	s...	L...	5...	-...	4...	NA	US	U...	A...	no	0...	0...				
6...	0...	s...	E...	3...	-...	8...	NA	US	U...	H...	no	0...	0...				
6...	0...	h...	N...	3...	-...	2...	NA	US	U...	N...	no	0...	0...				

Detached Table



Detach

Use the First Row of the File as the Column Headers

id	ident	Select the column data type.				elevat	contin	iso_cc	iso_re	munic	sched	gps_c	iata_c	local_	home_	wikip	keyword
String	String	String	String	String	String	String	String	String	String	String	String	String	String	String	String	String	
		String	String	String	String	String	String	String	String	String	String	String	String	String	String	String	
		Short	heli...	Tota...	40.0...	-74....	11	NA	US	US-...	Ben...	no	00A		00A		
		Byte	sma...	Low...	59.9...	-151...	450	NA	US	US-...	Anc...	no	00AK		00AK		
		Integer	sma...	Epp...	34.8...	-86....	820	NA	US	US-...	Har...	no	00AL		00AL		
		Long	heli...	New...	35.6...	-91....	237	NA	US	US-...	New...	no	00AR		00AR		
		Float	sma...	Cor...	34.3...	-112...	3810	NA	US	US-...	Cor...	no	00AZ		00AZ		
		Double	sma...	Gold...	35.3...	-116...	3038	NA	US	US-...	Bars...	no	00CA		00CA		
		Date	sma...	Cas...	40.6...	-104...	4830	NA	US	US-...	Brig...	no	00CO		00CO		
6531	00FA	sma...	Gra...	28.6...	-82....	53	NA	US	US-FL	Bus...	no	00FA		00FA			
6532	00FD	heli...	Ring...	28.8...	-82....	25	NA	US	US-FL	Rive...	no	00FD		00FD			
6533	00FL	sma...	Rive...	27.2...	-80....	35	NA	US	US-FL	Oke...	no	00FL		00FL			
6534	00GA	sma...	LtW...	33.7...	-84....	700	NA	US	US-...	Lith...	no	00GA		00GA			
6535	00GE	heli...	Caff...	33.8...	-84....	957	NA	US	US-...	Hiram	no	00GE		00GE			
6536	00HI	heli...	Kau...	19.8...	-155...	43	NA	US	US-HI	Kail...	no	00HI		00HI			
6537	00ID	sma...	Delt...	48.1...	-116...	2064	NA	US	US-ID	Clar...	no	00ID		00ID			
6538	00II	heli...	Bail...	41.6...	-87....	600	NA	US	US-IN	Che...	no	00II		00II			
6539	00IL	sma...	Ham...	41.9...	-89....	840	NA	US	US-IL	Polo	no	00IL		00IL			
6540	00IN	heli...	St M...	41.5...	-87....	634	NA	US	US-IN	Hob...	no	00IN		00IN			
6541	00IS	sma...	Hay...	40.0...	-89....	820	NA	US	US-IL	Kings	no	00IS		00IS			
6542	00KS	sma...	Hay...	38.7...	-94....	1100	NA	US	US-...	Gar...	no	00KS		00KS			

Create a New Schema from a CSV file

Select a New Delimited Data File No file chosen

Selected File Name fakeCSV.txt

* Enter the Record Name

* Enter the Recordset Name

Select the Field Delimiter

Character Set

Optionally Enclosed By

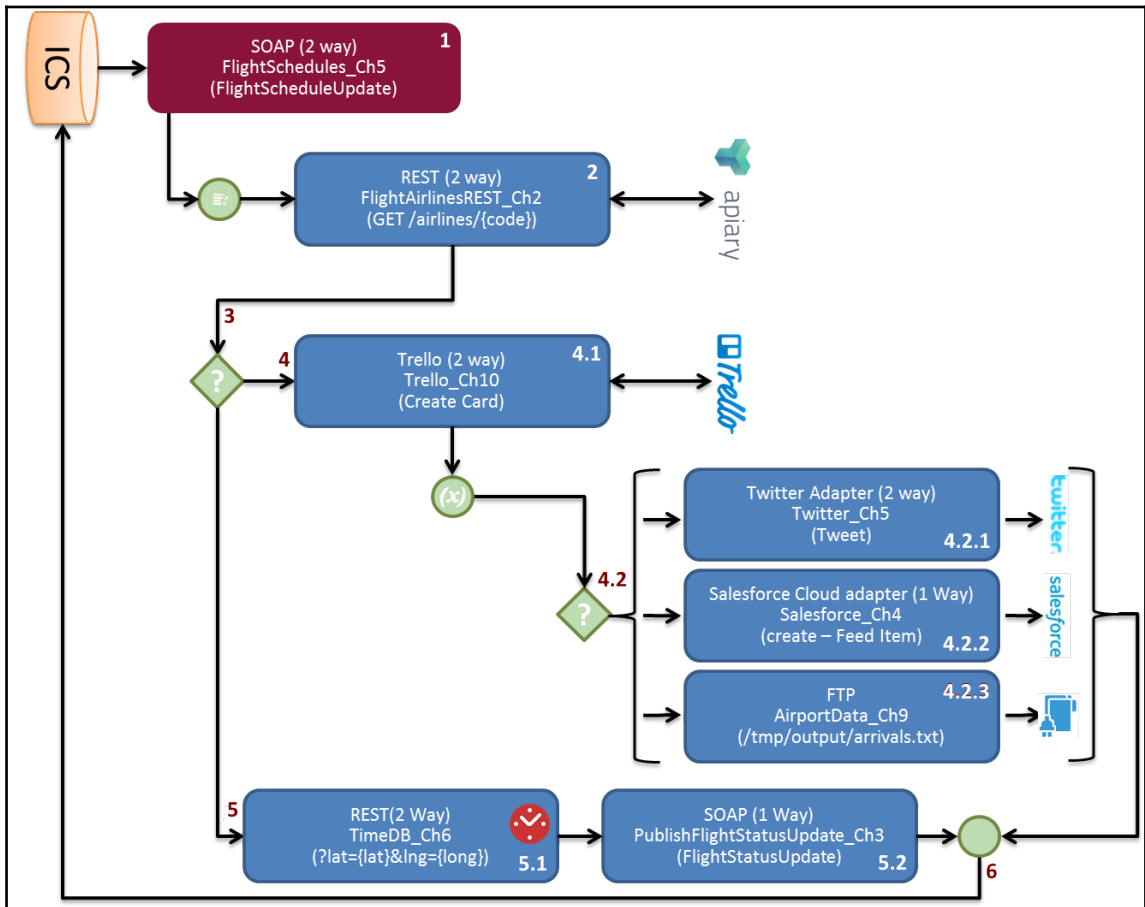


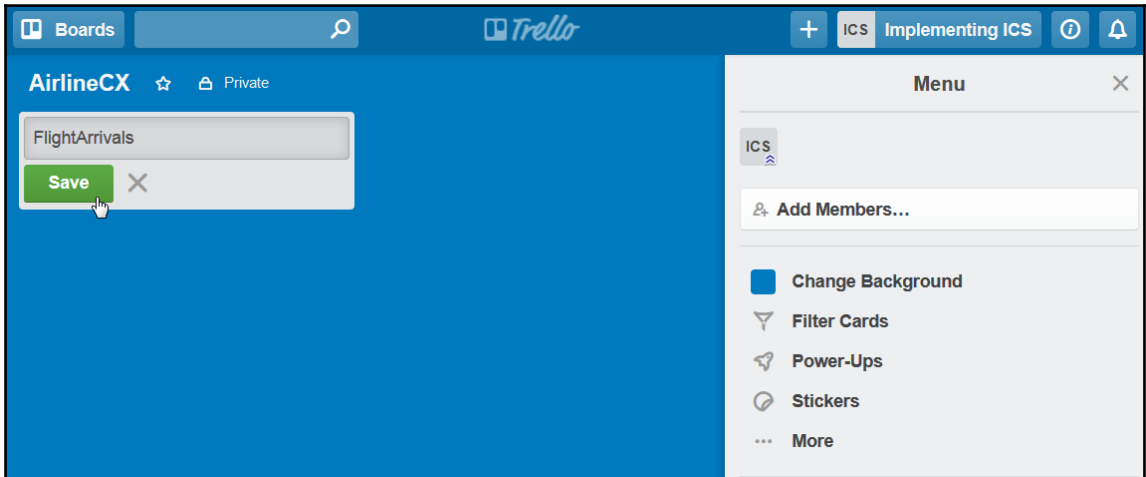
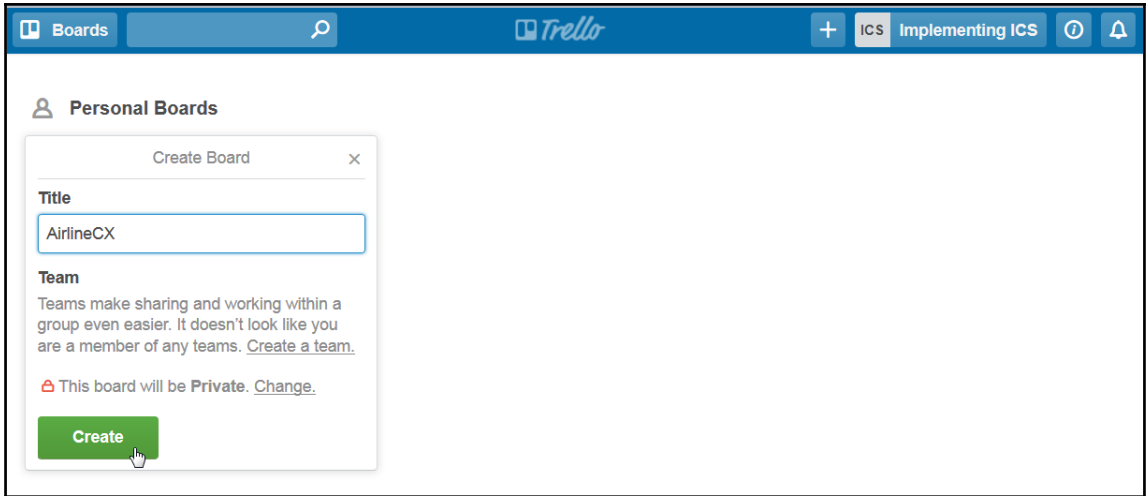
Detach

Use the First Row of the File as the Column Headers



Chapter 10:





Filter Regexp Hide data URLs All | XHR JS CSS Img Media Font Doc WS Manifest Other

50000 ms	100000 ms	150000 ms	200000 ms	250000 ms	300000 ms	3
----------	-----------	-----------	-----------	-----------	-----------	---

Name Headers Preview Response Cookies Timing

lists

i?stm=1480258179642&e=se&se...

markAsViewed

1 {"id": "583af28af7c1ff8cd6a5e9d5", "name": "FlightArrivals", "closed": false, "idBoard": "58

3 requests | 1.4 KB transferred

ICS Flights API
ICSBookAPIs · icssflightsapi

Documentation Inspector Editor Tests

Create New API Project

Find an API Project...

ICS Flights API
Yours · icssflightsapi

Valid document Preview On Save

Reference > Airlines

ICS Flights API

INTRODUCTION

Flights is a simple API allowing consumers to view aviation data e.g. airlines and flight data. This API is used in the several chapters of the book **Implementing Oracle Integration Cloud Service**.

REFERENCE

```

1 FOR
2
3 # I
4
5 Fl
6 This API is used in the several chapters of the book Implementing Oracle I
7
8 # Airlines [/airlines]
9
10 Airlines resource for retrieving airline information.
11 Retrieve a list of all airlines or information of a specific airline.
12
13 ## Retrieve All Airlines [GET]
14 + Response 200 (application/json)
15   + Attributes (array[AllAirlines])
16
17
18 # Data Structures
19
20 ## AllAirlines (object)
21 + airline (array[AirlineBAW, AirlineDLH, AirlineKLM, AirlineUAL])
22
23 ## AirlineBAW (object)
24 + icao: BAW (string, required)
25 + name: British Airways (string, required)
26 + callsign: SPEEDBIRD (string)
27 + country: United Kingdom (string)
28
29 ## AirlineDLH (object)
30 + icao: DLH (string, required)

```

https://app.apary.io/icssflightsapi/editor

```
18 # Airline By Code BA [/airlines/BA]
19
20 Airline resource for retrieving specific British Airways information.
21 Retrieve an airline by its *2-char code*.
22
23 ## Retrieve Airline [GET]
24 + Response 200 (application/json)
25 + Attributes (AirlineBAW)
```

```
56 ## AirlineKLM (object)
57 + icao: KLM (string, required)
58 + name: KLM (string, required)
59 + callsign: KLM (string)
60 + country: The Netherlands (string)
61 + social: Twitter
```



Let An unknown application use your account?

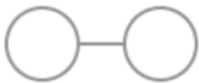
Allow

Deny

You are logged in as **Implementing ICS (implementingics)**. The app will be able to use your account until you disable it.

An unknown application is not affiliated with Trello in any way, and by permitting access to your content you assume all related risks and liabilities.

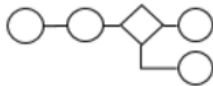
Basic
Map Data



Drop trigger and invoke onto an empty template

Select

Orchestration



Drop trigger and invoke onto a blank canvas

Select

Basic
Publish To ICS



Connect your trigger to send messages to ICS

Select

Basic
Subscribe To ICS



Add invokes to receive messages from ICS

Select

FlightScheduleUpdateProcess_Ch10

TRIGGERS

- FTP (4)
- Oracle Commerce Cloud (1)
- Oracle CPQ (4)
- Oracle Database (5)
- Oracle HCM Cloud (1)
- Oracle RightNow (9)
- Oracle Sales Cloud (8)
- Oracle Siebel (3)
- REST (46)
- Salesforce (7)
- SOAP (51)

What will start this orchestration?
Add a trigger.

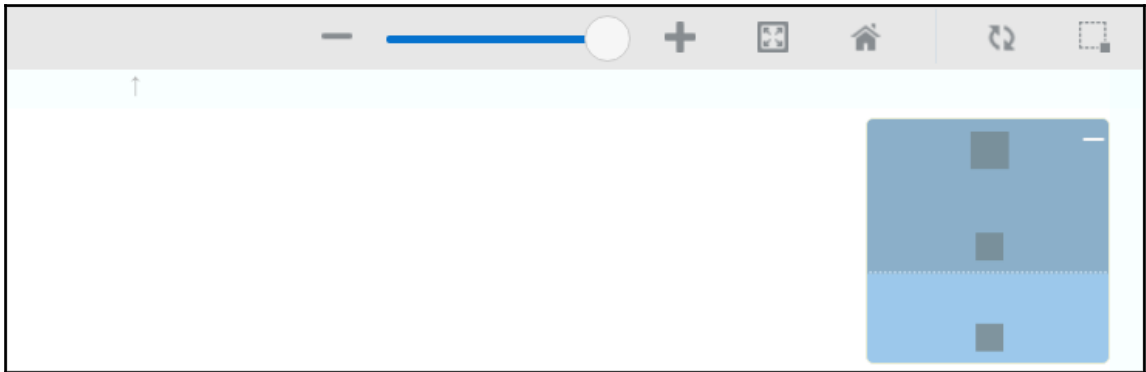
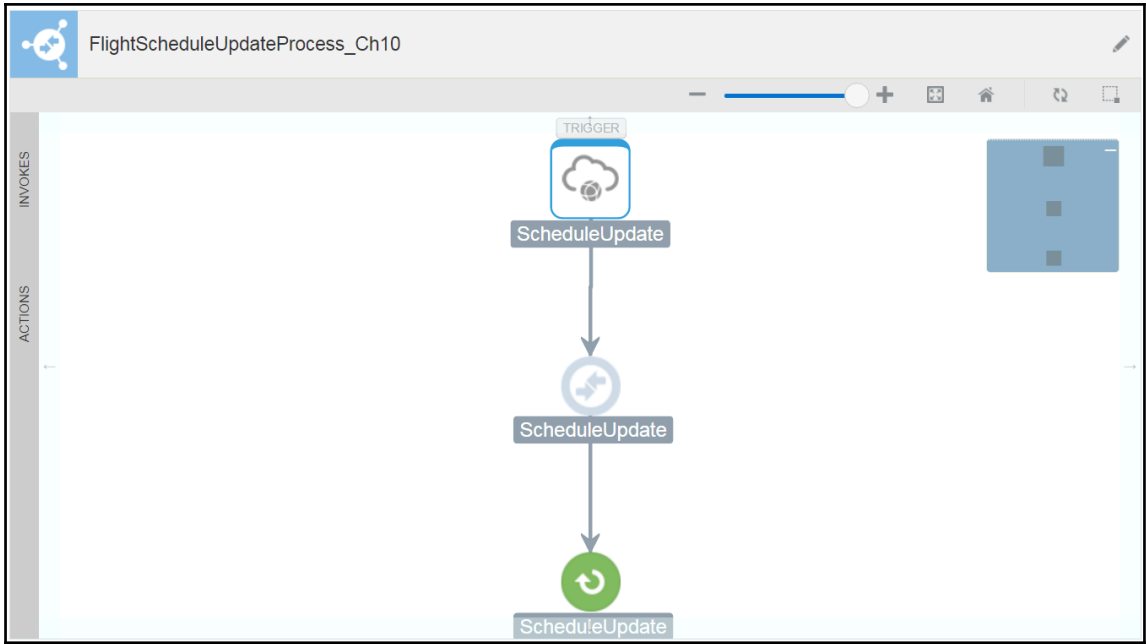
FlightScheduleUpdateProcess_Ch10

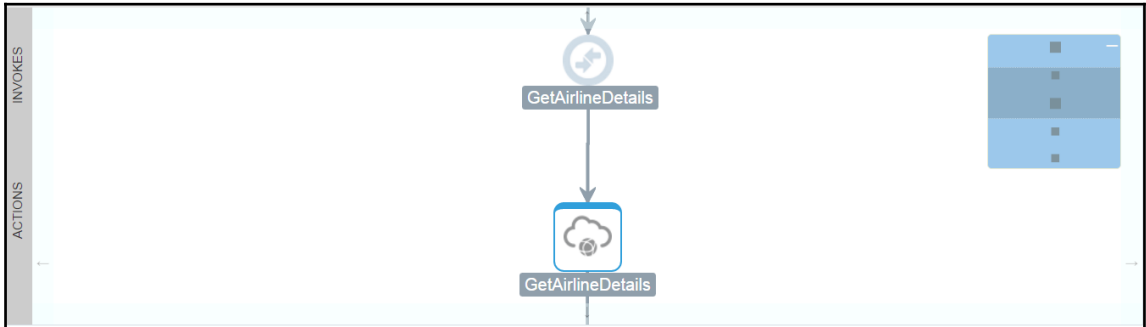
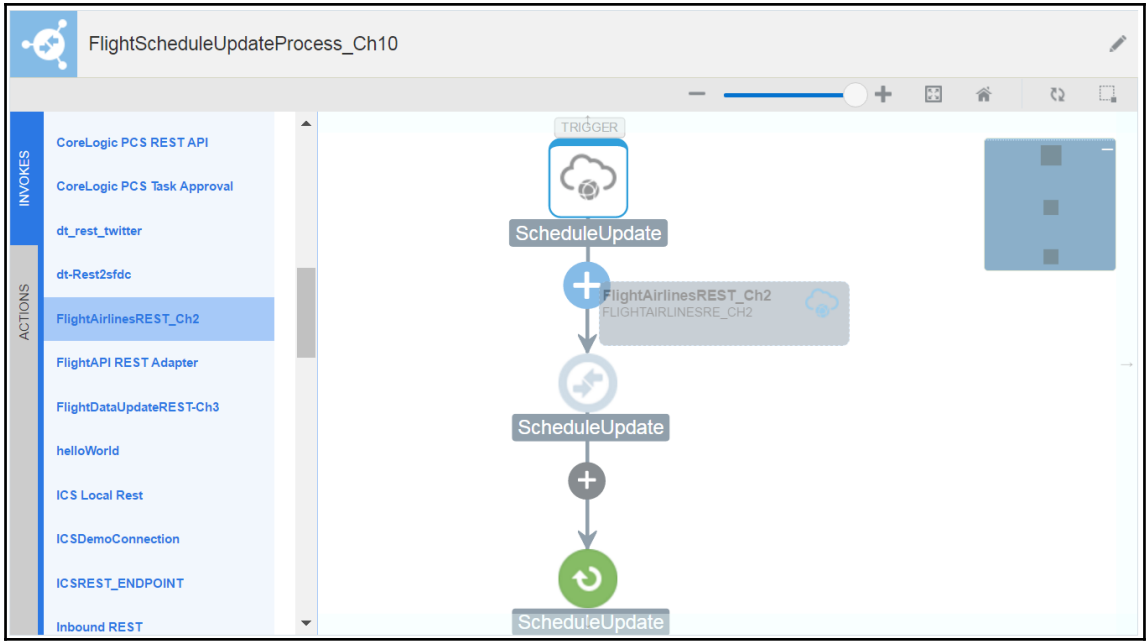
TRIGGERS

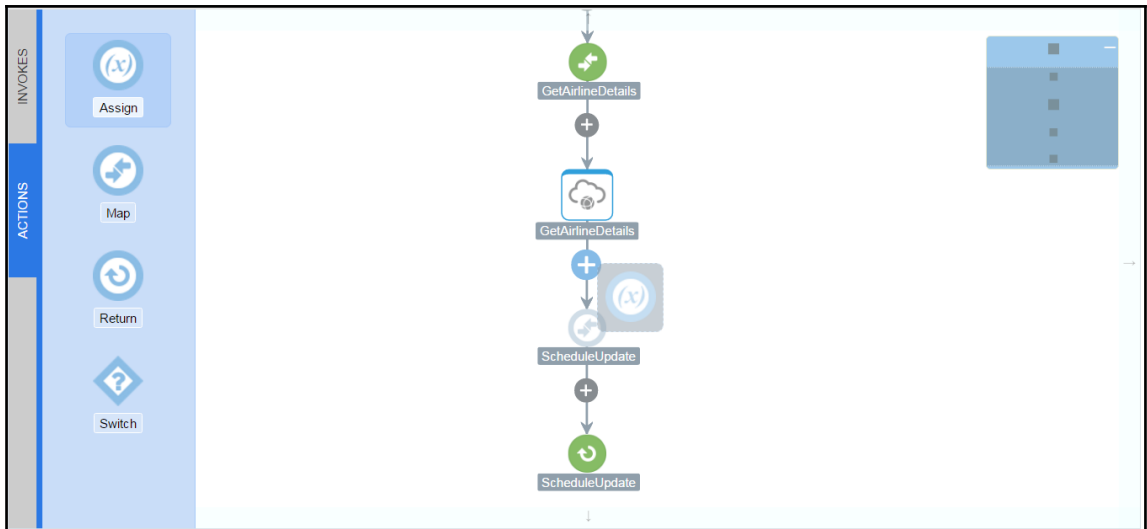
- DFWIncidentService
- EBS_GetTimecardDetails_SOAP
- FlightAirlinesSOAP_Ch2
- FlightAPI SOAP Adapter
- FlightLastReportedStatus_Ch6
- FlightLastStatusEnquiry_Ch6
- FlightPositionUpdates_Ch3
- FlightSchedules_Ch5
- FlightSitRep_CH3
- FlightSitRep-password_ch3
- HRSoapService
- JDA_Workday_Put_Customer

What will start this orchestration?
Add a trigger.

FlightSchedules_Ch5
FLIGHTSCHEDULES_CH5








Assignments


Please give a name and description to this set of assignments.


*** Name**

Description



← Exit Assignments  Editing




ASSIGN


 AssignExprVariable

Name AssignExprVariable 



description Assign activity for set of expression variables


		Name	Description	Value	
1		Enter name or select from list	Enter description	Add expression by Expression Builder	


  

← Exit Expression Builder  Editing

Inputs


View ▾ Filter  Detach 

Source Find... 





- ↳ *ScheduleUpdate
 - ↳ *faFlightID
 - ↳ *ident
 - ↳ *origin
 - ↳ *destination
 - ↳ *updateType 
 - ↳ *departureTime
 - ↳ *arrivalTime
 - ↳ *duration
 - ↳ *durationString
 - ↳ longitude




Expression

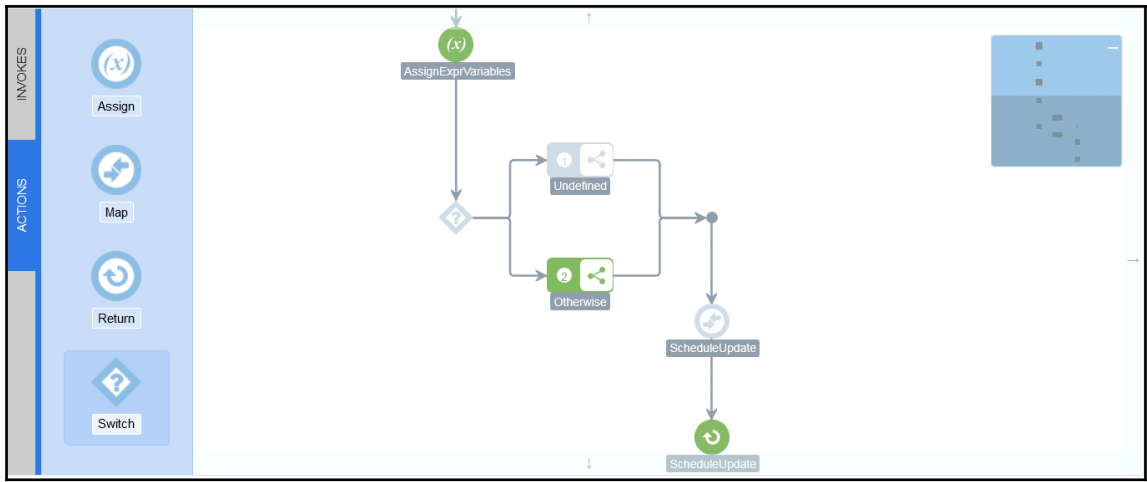
/nsmpr3:ScheduleUpdate/nsmpr3:updateType

Expression Summary 

updateType

		Name	Description	Value	
1		FlightStatus	Status of Flight update	updateType	
2		SocialPreference	Social preference of airline	social	



Inputs

View ▾ Filter Detach

Source

- ▶ <> *ScheduleUpdate
- \$FlightStatus ✓
- ▶ <> \$GetAirlineDetails
- \$SocialPreference

Expression Name

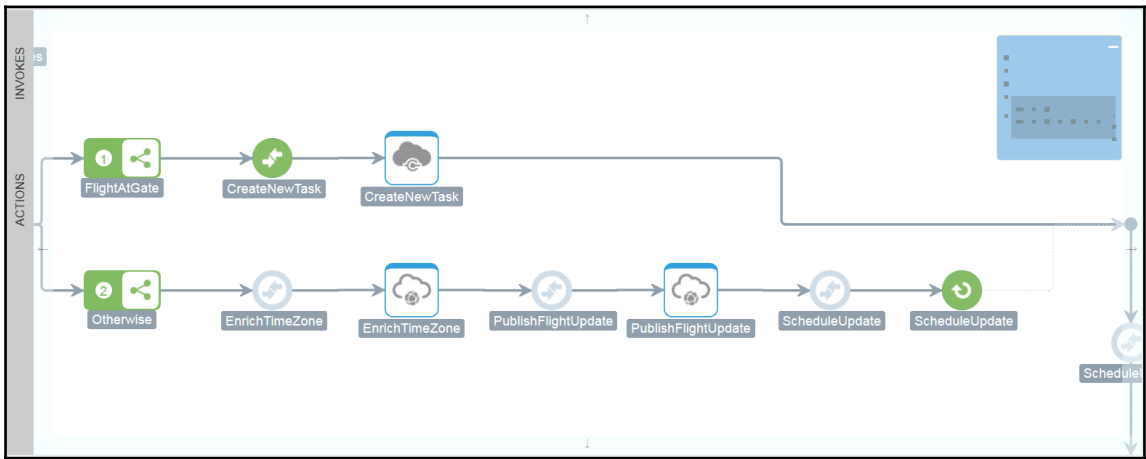
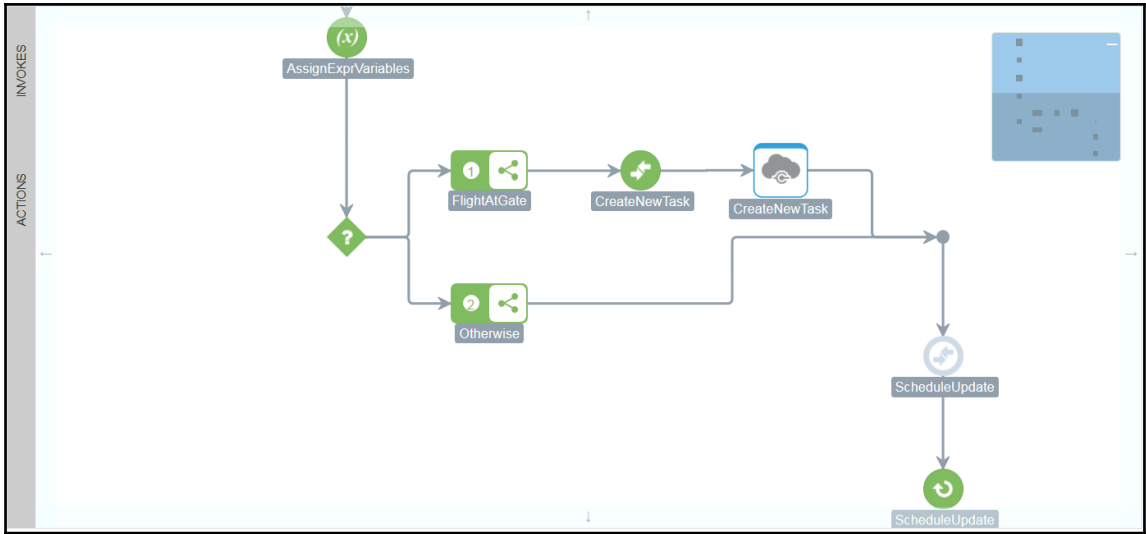
FlightAtGate

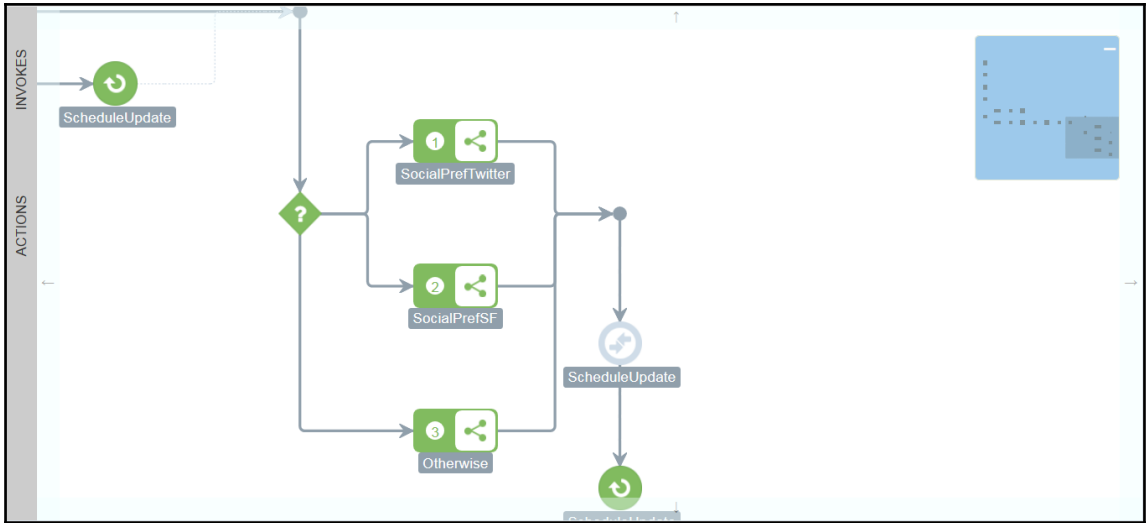
\$FlightStatus = "at gate" + () ▾ 🗑️ ↶


\$FlightStatus

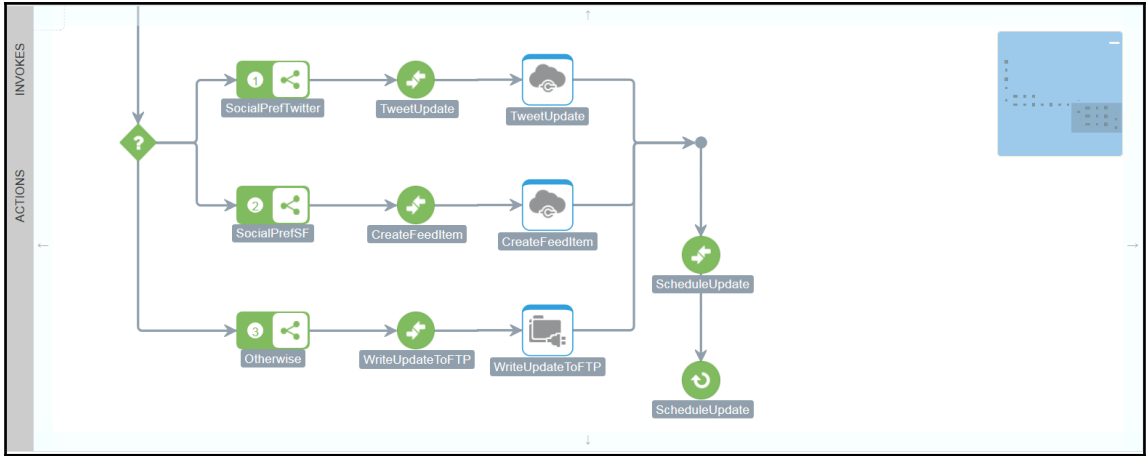
= ▾

"at gate"





 WriteUpdateToFTP	
Description	Write update to a file at the target location
Operation	Write File
Transfer Mode	ASCII
Append to existing file	Yes
Output Directory	/tmp/output
File Name Pattern	FlightArrivals_%yyyyMMdd%.csv
Format Definition	Schema
Element	FlightArrivals



FlightScheduleUpdateProcess_Ch10 (1.0)

ORCHESTRATION

This orchestration will take the ScheduleUpdate request and...

Navigation icons: back, forward, search, and a toggle for 'SALESFORCE_CH4'.

PENDING ACTIVATION

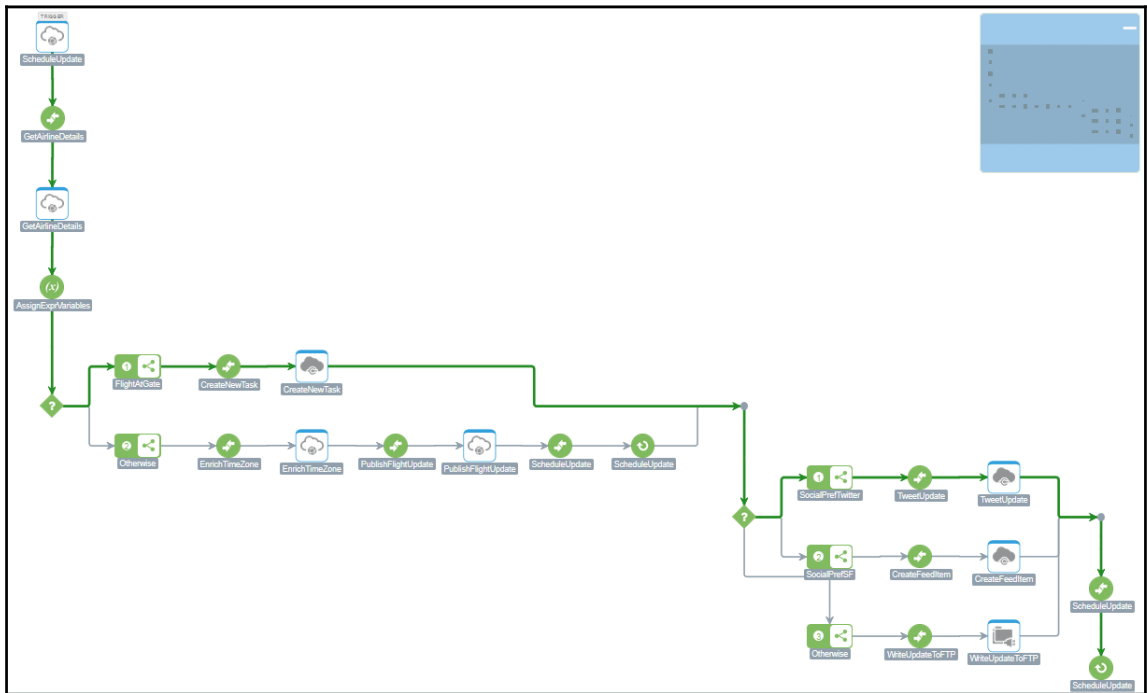
FlightScheduleUpdate_Ch10

- FlightSchedulesPortType_ScheduleUpdate_REQUEST_binding
- ScheduleUpdateTestSuite
 - At Gate Testcases
 - Test Steps (11)
 - Read First (disabled)
 - Properties (6)
 - Set Created and Expires
 - Set Departure and Arrival TC1
 - KLMAAtGateTwitter
 - Delay TC2 [5000]
 - Set Departure and Arrival TC2
 - BAWAAtGateSalesforce
 - Delay TC3 [5000]
 - Set Departure and Arrival TC3
 - DLHAAtGateFTP
 - Load Tests (0)
 - Security Tests (0)
 - Otherwise & Fault
 - Test Steps (8)
 - Read First (disabled)
 - Properties (6)
 - Set Created and Expires
 - Set Departure and Arrival TC1
 - KLMDelayedOtherwise
 - Delay TC2 [1000]
 - Set Departure and Arrival TC2
 - UALAtGateFault
 - Load Tests (0)
 - Security Tests (0)


```

<ScheduleUpdateResult xmlns:wSDL="http://schemas.xmlsoap.org/wSDL/"
  xmlns:nstrgmpr0="http://xmlns.oracle.com/cloud/adapter/REST/GetAirlineDetails_REQUEST/types"
  xmlns:nstrgmpr="http://oracle-integration.cloud/soap/IntegratedSourceFlightSchedules/"
  xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/" xmlns:http="http://schemas.xmlsoap.org/wSDL/http/"
  xmlns:mime="http://schemas.xmlsoap.org/wSDL/mime/" xmlns:soap="http://schemas.xmlsoap.org/wSDL/soap/"
  xmlns="http://oracle-integration.cloud/soap/IntegratedSourceFlightSchedules/">
  <nstrgmpr:parentID>1</nstrgmpr:parentID>
  <nstrgmpr:processed>1</nstrgmpr:processed>
  <nstrgmpr:message>Flight at gate is successfully registered</nstrgmpr:message>
</ScheduleUpdateResult>

```



 /airlines/KL GET 200 160.34.15.52 31 minutes ago

This is a valid API request.

Call Header

Response Header

Response Body Show Expected

```
{
  "icao": "KLM",
  "name": "KLM",
  "callsign": "KLM",
  "country": "The Netherlands",
  "social": "Twitter"
}
```

AirlineCX ☆ 🗝 Private

FlightArrivals ... Add a list...

Flight KL1606 has arrived at gate A1, please unload cargo and deliver on belt 2

Add a card...

 **Implementing ICS** @ImplementingICS · 46m
Flight #KL1606 from #FCO has arrived at gate A1

★ Set Departure and Arrival TC2

BAWAtGateSalesforce

Delay TC3 [5000]

★ Set Departure and Arrival TC3

DLHAtGateFTP

Description Properties Setup Script TearDown Script

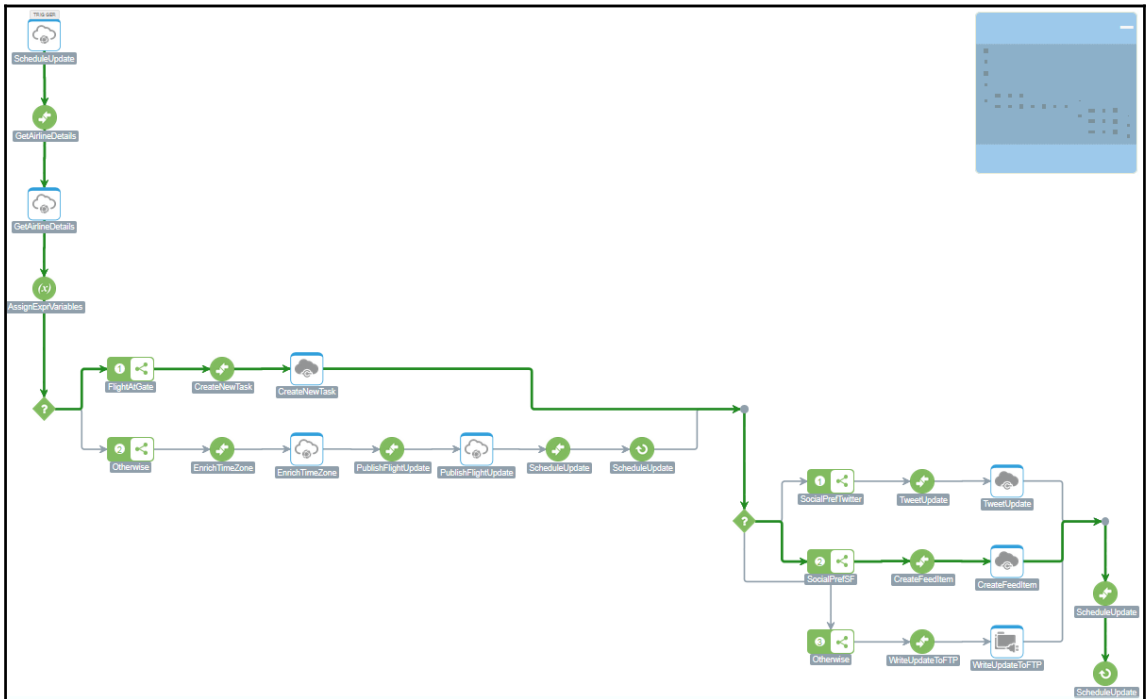
Step 2 [Set Departure and Arrival TC2] OK: took 97 ms

Step 3 [BAWAtGateSalesforce] OK: took 10256 ms


Step 4 [Delay TC3] CANCELED: took 699 ms

TestCase canceled [canceled in UI], time taken = 16051

TestCase Log



Latest Posts ▾ 🔍 ↻

 **Robert van Mölken**
Just Now ▾

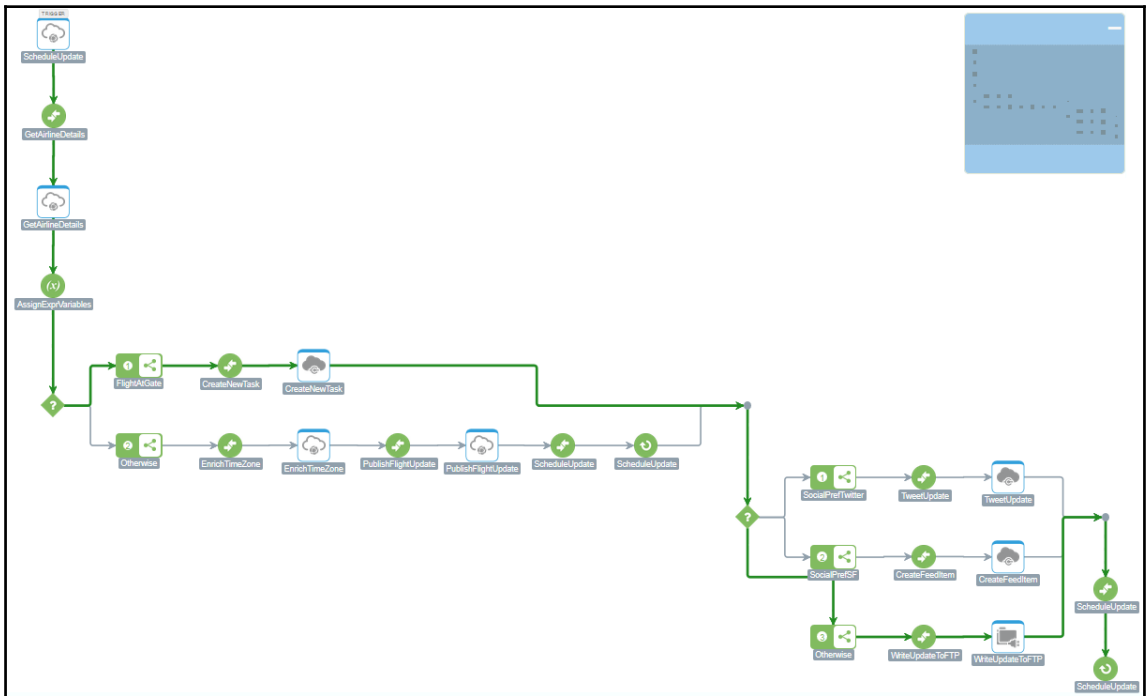
Flight BA0214 from BHX has arrived at gate A2

👍 Like 💬 Comment

- 🟢 [Step 1 \[Delay TC3\] OK: took 4999 ms](#)
- 🟢 [Step 2 \[Set Departure and Arrival TC3\] OK: took 111 ms](#)

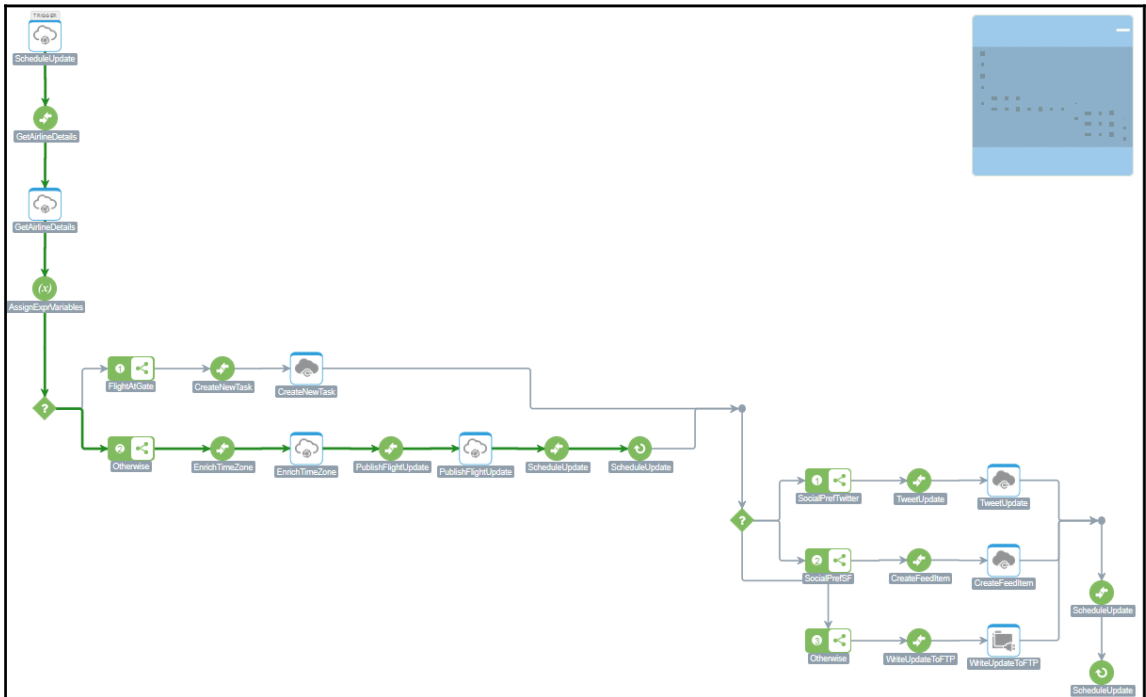
TestCase finished with status [FINISHED], time taken = 22074

- 🟢 [Step 3 \[DLHAtGateFTP\] OK: took 16964 ms](#)



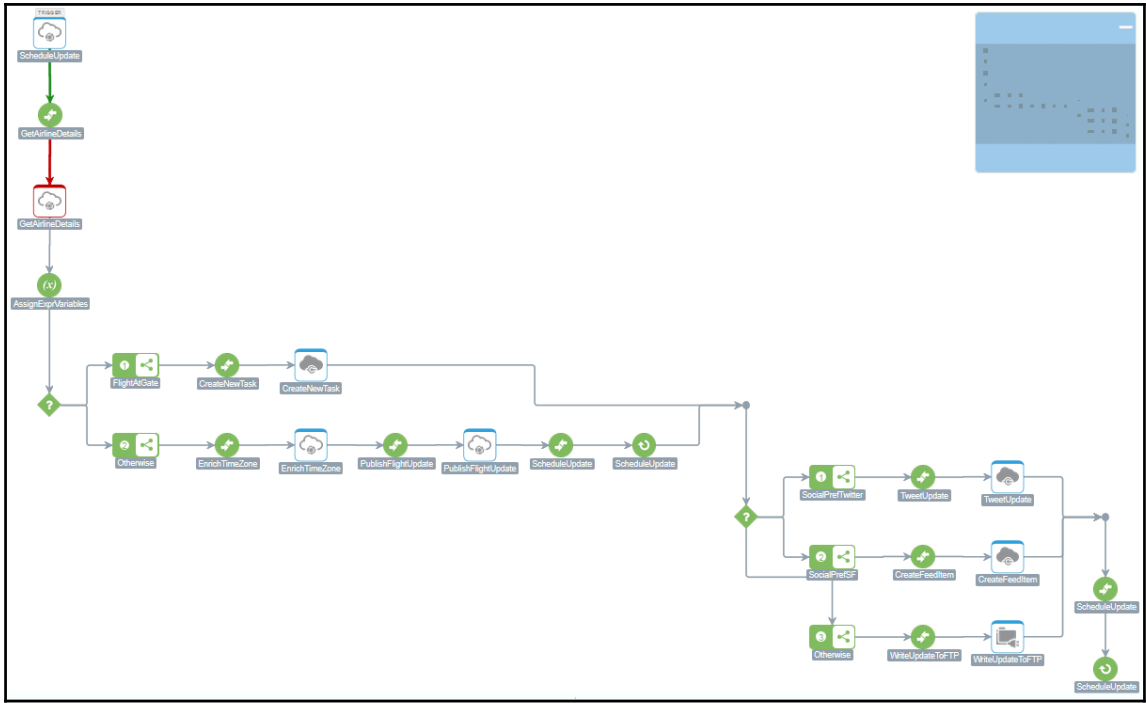
Name	Size (KB)	Last modified	Owner
FlightArrivals_20161202.csv	0	2016-12-02 16:35	

	A	B	C	D	E
1	Flight	Origin	Destination	Gate	Arrival Time
2	LH2901	TXL	AMS	A3	2016-12-02T16:54:53Z



```
<ScheduleUpdateResult
  xmlns:nstrgmpr="http://oracle-integration.cloud/soap/IntegratedSourceFlightSchedules/"
  xmlns="http://oracle-integration.cloud/soap/IntegratedSourceFlightSchedules/"
  <nstrgmpr:parentID>1</nstrgmpr:parentID>
  <nstrgmpr:processed>1</nstrgmpr:processed>
  <nstrgmpr:message>Message published to subscribers</nstrgmpr:message>
</ScheduleUpdateResult>
```

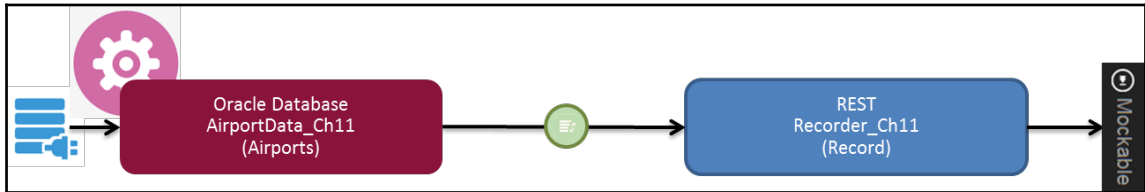
```
<faultstring>ICS runtime execution error</faultstring>
<detail>
  <errorCode>OSB-380001</errorCode>
  <reason>![CDATA[Invoke JCA outbound service failed with application error, exception: com.bea.
<html lang="en">
<meta charset="utf-8">
<title>apiary.io-404-No Resource Found!</title>
<body>
<div id="bg"></div>
<div id="message">
  <h1>The resource you're looking for doesn't exist. <br>Please check the <a href="http://docs.icsfli
<p></p>
<ol>
  <section><h2></h2>
    <li><b>GET</b> /airlines</li>
    <li><b>GET</b> /airlines/BA</li>
    <li><b>GET</b> /airlines/KL</li>
    <li><b>GET</b> /airlines/LH</li>
  </section>
</ol>
</div>
</body>
</html>
]]]>><![CDATA[</instance></genericRestFault>
; nested exception is:
  <genericRestFault><errorCode>404</errorCode><errorPath><![CDATA[G:Application Error]]></reason>
```



● /airlines/UA GET 404 160.34.15.52 13 minutes ago

This API request did not match any documented resource. Your URL or method are probably wrong.

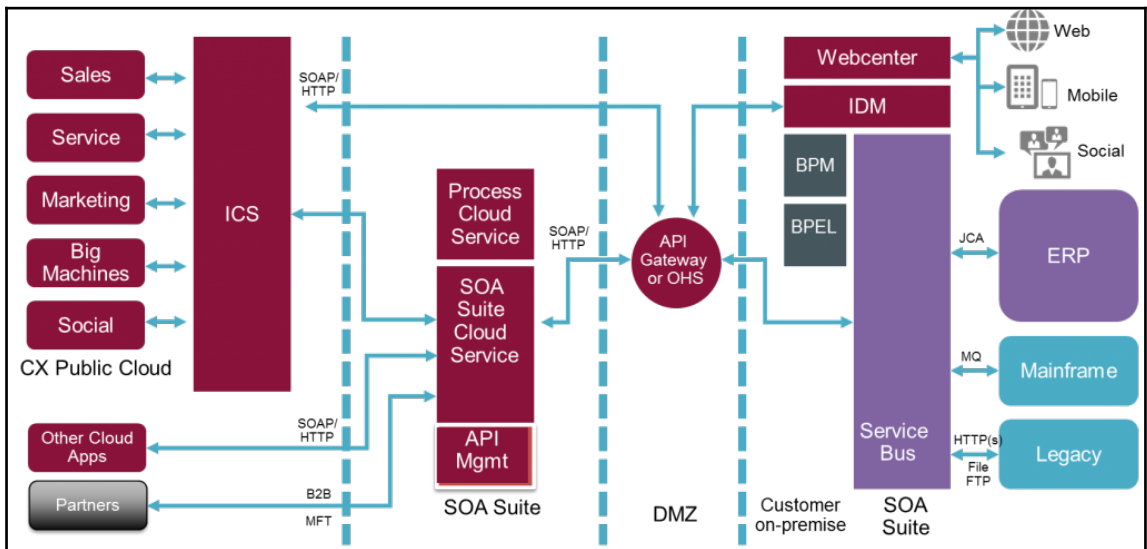
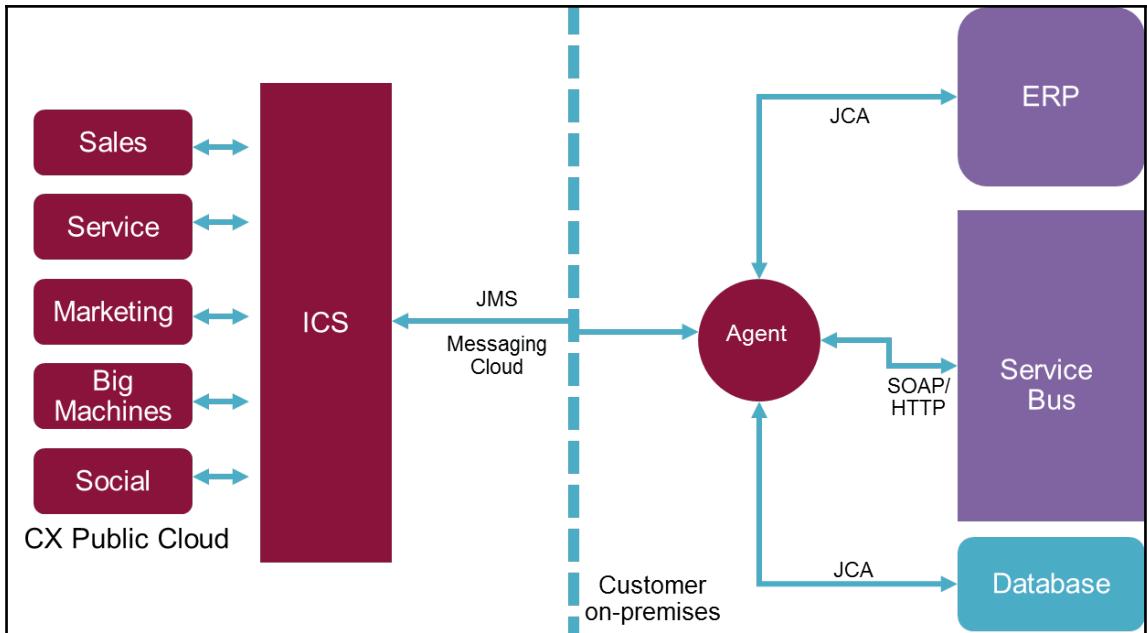
Chapter 11:

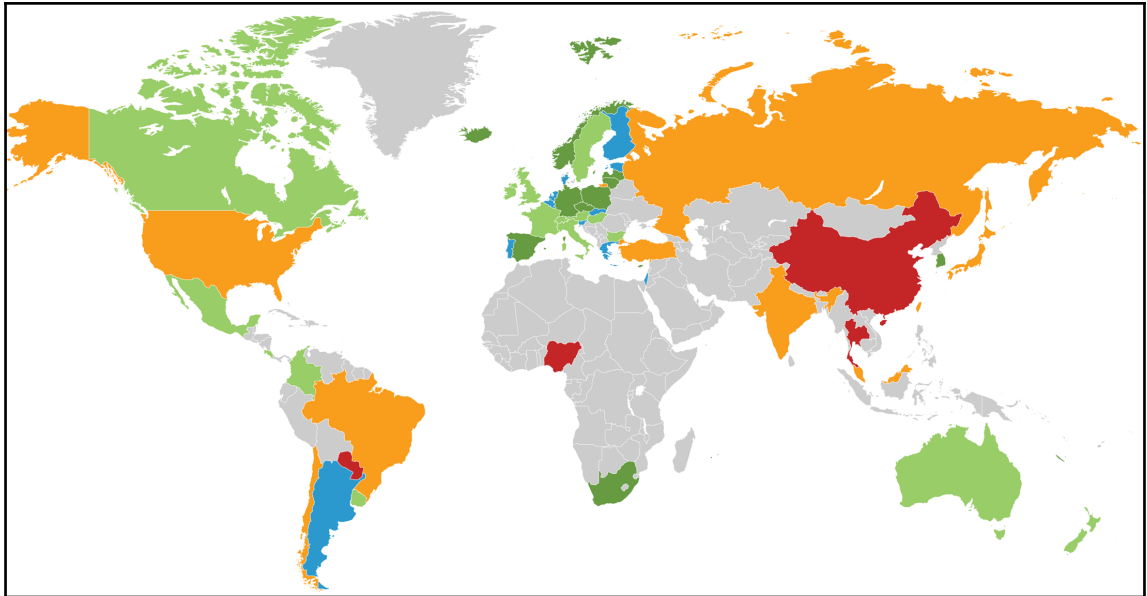


```
C:\Users\Phil>tracert www.oxleymuseum.org.au

Tracing route to www.oxleymuseum.org.au [116.0.19.201]
over a maximum of 30 hops:

  1  <1 ms    <1 ms    <1 ms    [REDACTED] home [REDACTED]
  2  *         *         *         Request timed out.
  3  *         *         *         Request timed out.
  4  8 ms     7 ms     8 ms     31.55.[REDACTED]
  5  8 ms     7 ms     7 ms     core2-hu0-9-0-0.southbank.ukcore.bt.net [REDACTED]
  6  8 ms     8 ms     7 ms     core4-hu0-2-0-4.faraday.ukcore.bt.net [REDACTED]
  7  7 ms     8 ms     7 ms     213.137.[REDACTED]
  8  11 ms    7 ms     13 ms    40ge1-3.core1.lon2.he.net [REDACTED]
  9  75 ms    85 ms    75 ms    100ge1-1.core1.nyc4.he.net [REDACTED]
 10 146 ms   148 ms   149 ms   100ge14-2.core1.sjc2.he.net [REDACTED]
 11 315 ms   314 ms   314 ms   tpg-internet-pty-ltd.10gigabitethernet12-1.core1.sjc2.he.net [REDACTED]
 12 340 ms   342 ms   342 ms   203-219-35-130.static.tpgi.com.au [REDACTED]
 13 317 ms   318 ms   318 ms   203.29.134-132.tpgi.com.au [REDACTED]
 14 *         *         *         Request timed out.
 15 329 ms   329 ms   328 ms   ge-1-0-3-0.bdr2.syd1.bucan.com.au [REDACTED]
 16 330 ms   329 ms   329 ms   ae12.cor1.syd1.bucan.com.au [REDACTED]
 17 329 ms   328 ms   328 ms   odysseus.instanthosting.com.au [REDACTED]
```





Color Code	Description
Blue	Most restricted
Green	Restricted
Light Green	Some restrictions
Orange	Minimal restrictions
Red	Effectively no restrictions
Grey	No legislation or no information available

Home Designer Monitoring Administration

Integrations

Connections

Agents

Download

New Agent Group

Oct 12, 2016 9:51:56 AM UTC

Connectivity Agent

Execution Agent

Search

Sort by: Last Update

Update Agent Group - Information

You can update the name and description of your agent group. Use a meaningful name and description to help others find your agent group when they create their own connections.

* Agent Group Name

Identifier CONNECTION_AGENT_GROUP

Agent Type Connectivity Agent

Description

OK Cancel

```
[oracle@soa-training ICSAgent]$ ./cloud-connectivity-agent-installer.bsx -h=https://  
Argument -- -h=https://.integration.us2.oraclecloud.com:443  
Argument -- -u=  
Argument -- -p=*****  
Argument -- -ad=CONNECTION_AGENT_GROUP  
minimum free space available requirement is 5 GB  
Enough Space Available  
Linux Operating System....Proceeding with installation  
Java Home Check Verified OK  
Oracle Java is Present,Verified OK  
JAVA 64-Bit is Present,Verified OK  
Derby Check Verified OK  
HOSTURL = https://.integration.us2.oraclecloud.com:443  
USERNAME =  
PASSWORD = *****  
PROXYHOST =  
PROXYPORT =  
AGENTDEFINITION = CONNECTION_AGENT_GROUP  
DATABASEPASSWORD =  
AGENTUSER =  
AGENTPORT =  
AGENTPROFILE =  
NOPROXYHOSTS =  
https protocol  
Valid hostURL provided  
.integration.us2.oraclecloud.com is alive  
(Not all processes could be identified, non-owned process info  
will not be shown, you would have to be root to see it all.)  
No conflicting Process Running, Verified OK  
Checking the installation directory for unwanted files or directories.  
Finished checking the installation directory for unwanted files or directories.  
  
Self Extracting Installer  
  
./agentInstaller/  
./agentInstaller/wls/  
./agentInstaller/wls/wls_jrf_generic.jar  
tar: ./agentInstaller/wls/wls_jrf_generic.jar: Wrote only 3584 of 10240 bytes
```

Download ▾ New Agent Group > Oct 18, 2016 1:34:21 PM UTC ↻

Agent Groups

Search Sort by: Last Update ▾

<p>NEW Connection Agent Group</p> <p>CONNECTIVITY AGENTS</p> <p>Connectivity Agents for the ICS book</p>	<p>1</p> <p>AGENT(S)</p>	<p>ⓘ</p> <p>☰</p>
---	---------------------------------	-------------------

Integrations
Connections
Agents
Lookups
Packages
Adapters

Download ▾ New Agent Group > Oct 18, 2016 1:34:21 PM UTC ↻

Agent Groups

Search

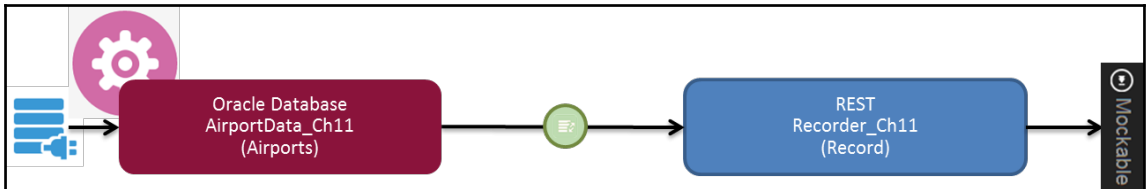
<p>NEW Connection Agent Group</p> <p>CONNECTIVITY AGENTS</p> <p>Connectivity Agents for the ICS book</p>	<p>1</p> <p>AGENT(S)</p>	<p>ⓘ</p> <p>☰</p>
---	---------------------------------	-------------------

Agents in this Agent Group

The Connection Agent Group agents group contains 1 agent(s).

<p>AGENT10138</p> <p>1.0</p> <p>ⓘ</p> <p>✕</p>
--

Identifier: SOA-TRAINING.ORACLE.COM.AGENT10138



Connection Properties

[Configure Connectivity](#)

Click [Configure Connectivity](#) to specify information to connect to your application/endpoint and process requests.



Host localhost



Port 1521



SID



Service Name soadb.oracle.com

Security

[Configure Security](#)

Click [Configure Security](#) to specify the login credentials to access your application/endpoint.



Security Policy Username Password Token



Username icsbook



Password *****

Agent Group

[Configure Agents](#)



Click [Configure Agents](#) to specify the agent group for accessing your on-premise application.



Agent Group Connection Agent Group

Oracle Adapter Endpoint Configuration Wizard

Help ▾ < Back Next > Cancel Done



Define the Polling Properties
Specify the polling properties for the Oracle adapter endpoint.

Basic Info

Polling

Summary

Import tables and select the root database table for this service query.

No Tables Imported!

Import Tables

Remove Tables

Oracle Adapter Endpoint Configuration Wizard

Help < Back Next > Cancel Done

Select the Schema and Import Tables
Select the schema and tables for the Oracle adapter endpoint.

Basic Info
Polling
Summary

Schema --- select one ---

- GSMUSER
- GSMADMIN_INTERNAL
- HOL
- ICSBOOK**
- LBACSYS
- MDDATA
- MDSYS
- MAP_IAU
- MAP_IAU_VIEWER
- MAP_IAU_APPEND
- MAP_OPSS
- MAP_STB
- OJMSYS
- ORACLE_OCM
- ORDDATA
- ORDSYS
- ORDPLUGINS
- OLAPSYS
- OUTLN
- PUBLIC

Select the schema and tables to import.

ICSBOOK

Cancel Ok

Oracle Adapter Endpoint Configuration Wizard

Help ▾ < Back Next > Cancel Done

Select the Schema and Import Tables
Select the schema and tables for the Oracle adapter endpoint.

Basic Info
Polling
Summary

Schema: ICSBOOK

Tables: Table Name: ALL

Available Tables: AIRPORTS

Selected Tables:

Tables

Cancel Ok

Oracle Adapter Endpoint Configuration Wizard

Help ▾ < Back Next > Cancel Done



Define the Polling Properties
Specify the polling properties for the Oracle adapter endpoint.

Basic Info

Polling

Summary

Import tables and select the root database table for this service query.

--- select one ---

AIRPORTS

Import Tables Remove Tables

Review and manage root database table relationships [Edit](#)

Review and verify table and relationship attributes [Edit](#)

Review the polling strategy and specify polling options [Edit](#)

Oracle Adapter Endpoint Configuration Wizard



Help ▾

< Back

Next >

Cancel

Done



Create and Manage Table Relationships



Create and manage table relationships for the Oracle adapter endpoint.

✓ Basic Info

Polling

Summary

? Relationships

Create New

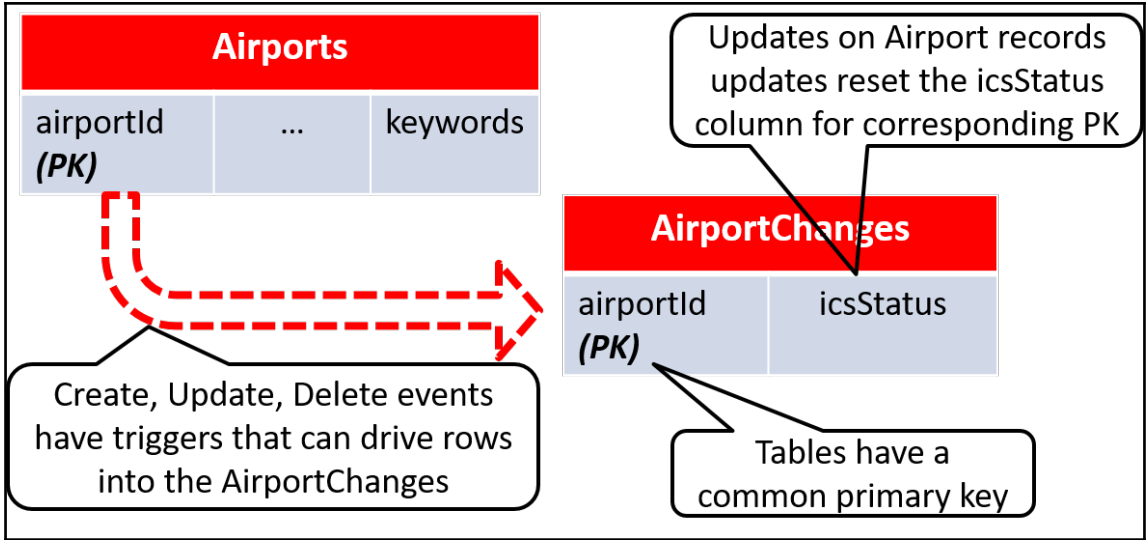
Detach

Relationships

No Relationship

Cancel

OK



Oracle Adapter Endpoint Configuration Wizard

Help ▾ < Back Next > Cancel Done

Attributes Filtering

This wizard helps you to review the attributes in the object model created from the imported tables and the defined relationships. Uncheck any attributes that you would like to exclude from the database queries for this service. Primary key attributes cannot be excluded.

- Basic Info
- Polling
- Summary

AIRPORTS

- airportid (NOT NULL)
- ident
- airporttype
- airportname
- latitude
- longitude
- elevation
- continent
- country
- region
- municipality
- scheduleflights
- gpscode
- iatacode
- localcode
- homelink
- wikipediaLink
- keywords

Cancel Ok

Oracle Adapter Endpoint Configuration Wizard

Help < Back Next > Cancel Done



Polling Strategy and Options

Review the polling strategy and specify polling options.

- Basic Info
- Polling
- Summary

Polling Strategy: Logical Delete

Logical Delete Field	<input type="text"/>
Read Value	<input type="text"/>
Unread Value	<input type="text"/>
Polling Frequency (Sec)	<input type="text"/>
Batch Size	<input type="text"/>

Cancel Ok

- AIRPORTID
- AIRPORTNAME
- AIRPORTTYPE
- CONTINENT
- COUNTRY
- ELEVATION
- GPSCODE
- HOMELINK
- IATACODE
- ICSTATUS**
- IDENT
- KEYWORDS
- LATITUDE
- LOCALCODE
- LONGITUDE
- MUNICIPALITY
- REGION
- SCHEDULEFLIGHTS
- WIKIPEDIALINK

Oracle Adapter Endpoint Configuration Wizard

Help < Back Next > Cancel Done



Polling Strategy and Options
Review the polling strategy and specify polling options.

- Basic Info
- Polling**
- Summary

Polling Strategy:	Logical Delete
Logical Delete Field	ICSSTATUS
Read Value	DONE
Unread Value	NEW
Polling Frequency (Sec)	5
Batch Size	1

Cancel Ok

Oracle Adapter Endpoint Configuration Wizard

Oracle Adapter Endpoint Configuration Summary
Success! Your Oracle adapter endpoint configuration is complete.

Basic Info
Polling
Summary

Imported Tables: Tables
Polling Strategy: Logical Delete
Polling Frequency: 5 Sec
Polling SQL: SQL

Polling SQL

```

Polling SQL: SELECT AIRPORTID, IDENT, AIRPORTTYPE, AIRPORTNAME, LATITUDE, LONGITUDE,
ELEVATION, CONTINENT, COUNTRY, REGION, MUNICIPALITY, SCHEDULEFLIGHTS, GPSCODE,
IATACODE, LOCALCODE, ICSSTATUS FROM AIRPORTS WHERE (ICSSTATUS = 'NEW') FOR UPDATE SKIP
LOCKED

Post SQL: UPDATE AIRPORTS SET ICSSTATUS = 'DONE' WHERE (AIRPORTID = #AIRPORTID)

```

Done

Exit Mapper Editing Map: AirportsCollection to execute

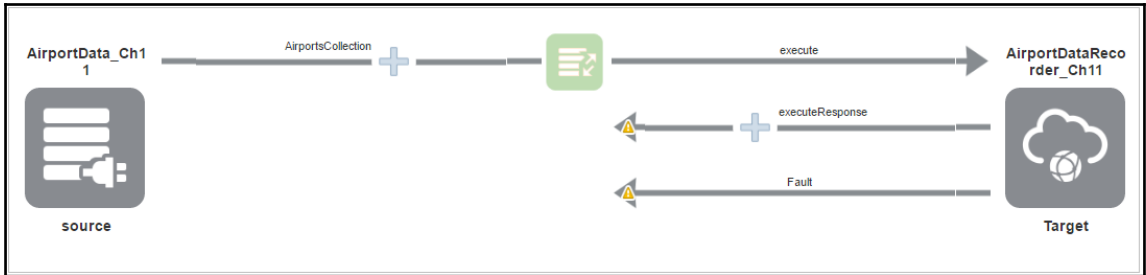
Source: *AirportsCollection

- ↳ Airports
 - <> *airportid ✓
 - <> ident
 - <> airporttype ✓
 - <> airportname ✓
 - <> latitude
 - <> longitude
 - <> elevation
 - <> continent ✓
 - <> country ✓
 - <> region
 - <> municipality
 - <> scheduleflights
 - <> gpscode
 - <> iatacode
 - <> localcode

Mappings

Target: *request-wrapper

- <> *execute
- <> Recorded f(x) airportid, |, airporttype, |, airportname, |, country, |, continent



Home Domain demo8825131 (REST) POST /Recorder

Start typing mock name

demo8825131 up to: 27-November-2016 16 h 18 min: 54 s GO

all mocks

REST SOAP

GET /StubTimeService_Ch6

OMCS

POST /Recorder

Previous 1 Next

```

X-Appengine-City eng
X-Cloud-Trace-Context 0c052e3a7cd4b9fae0c34cc82bc81bb/6119334148502156466
X-Appengine-Default-Namespace gmail.com
Content-Length 71
X-Appengine-Region eng
User-Agent Mozilla/5.0 (Macintosh; Intel Mac OS X 10_10_2; rv:53.0) Gecko/20100801 Firefox/53.0
Host mockable.io
X-Zoo app-id=tomate-premium, domain=gmail.com, host=*.mockable.io
Content-Type application/json
Content-Length 71
X-Appengine-City eng
X-Appengine-Country eng
Content-Type application/json

Payload:
{
  "Recorded": "7962|small_airport|Cavage Personal Use Airport|NA|US"
}
  
```


no new entry

X-Appengine-Citylatlong 51.282551,-1.093609
X-Cloud-Trace-Context 0c052e3a7cdc4b9fae0c34cc82bc81bb/6119334148502156466
X-Appengine-Default-Namespace [REDACTED]
Content-Length 71
X-Appengine-Region eng
User-Agent [REDACTED]
Host [REDACTED].mockable.io
X-Zoo app-id=tomate-premium, domain=gmail.com, host=*.mockable.io
Content_Type application/json
Content_Length 71
X-Appengine-City [REDACTED]
X-Appengine-Country [REDACTED]
Content-Type application/json


Payload:

```
{  
  "Recorded": "7962|small_airport|Cavage Personal Use Airport|NA|US"  
}
```

Chapter 12:


 System Health

Recent Health Checks



- ✓ Runtime Server
- ✓ Storage Service
- ✓ Messaging Service
- ✓ Runtime Service

- ✓ Runtime Security



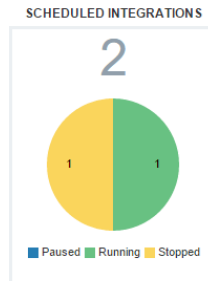
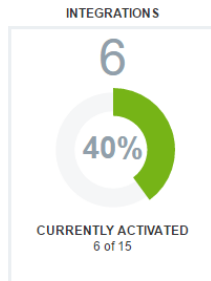
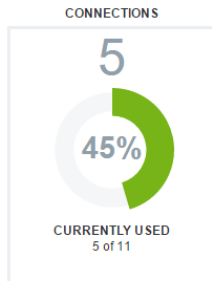
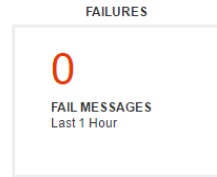
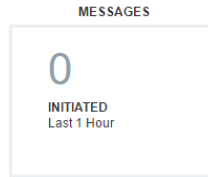
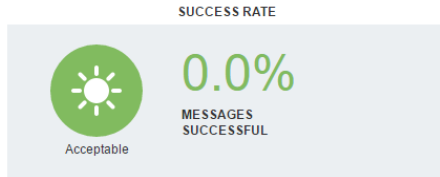
- ☀ Runtime Server
- ☀ Storage Service
- ☀ Messaging Service
- ☀ Runtime Service
- ☀ Runtime Security

Monitoring

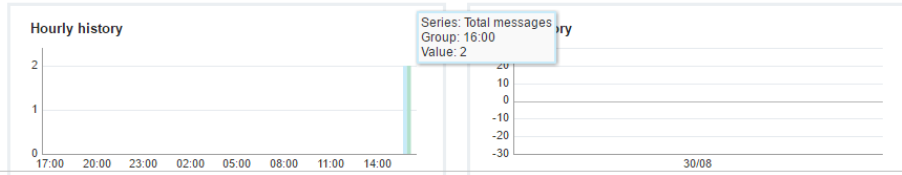
Integrations Dashboard | Last 1 Hour

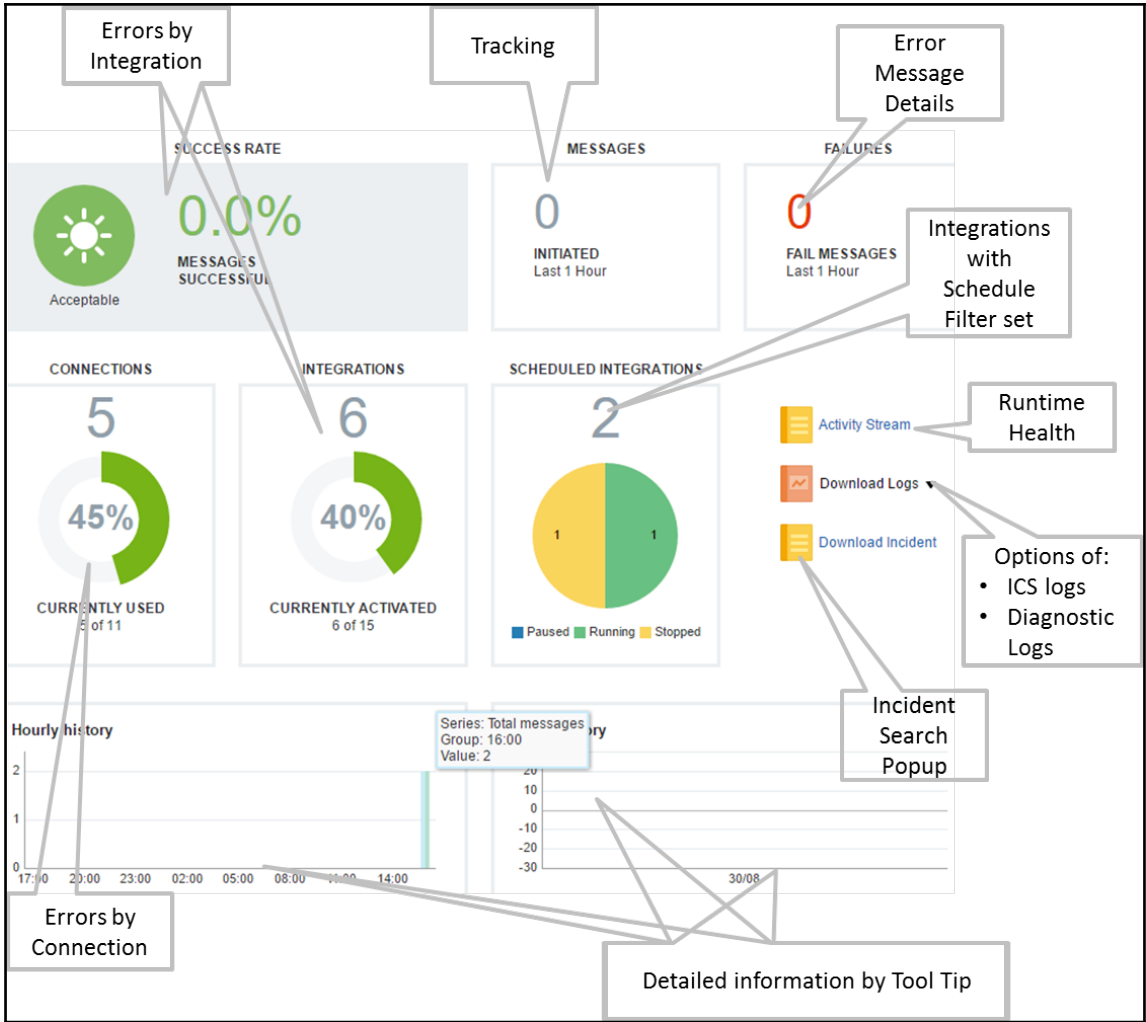
Aug 30, 2016 5:00:44 PM UTC

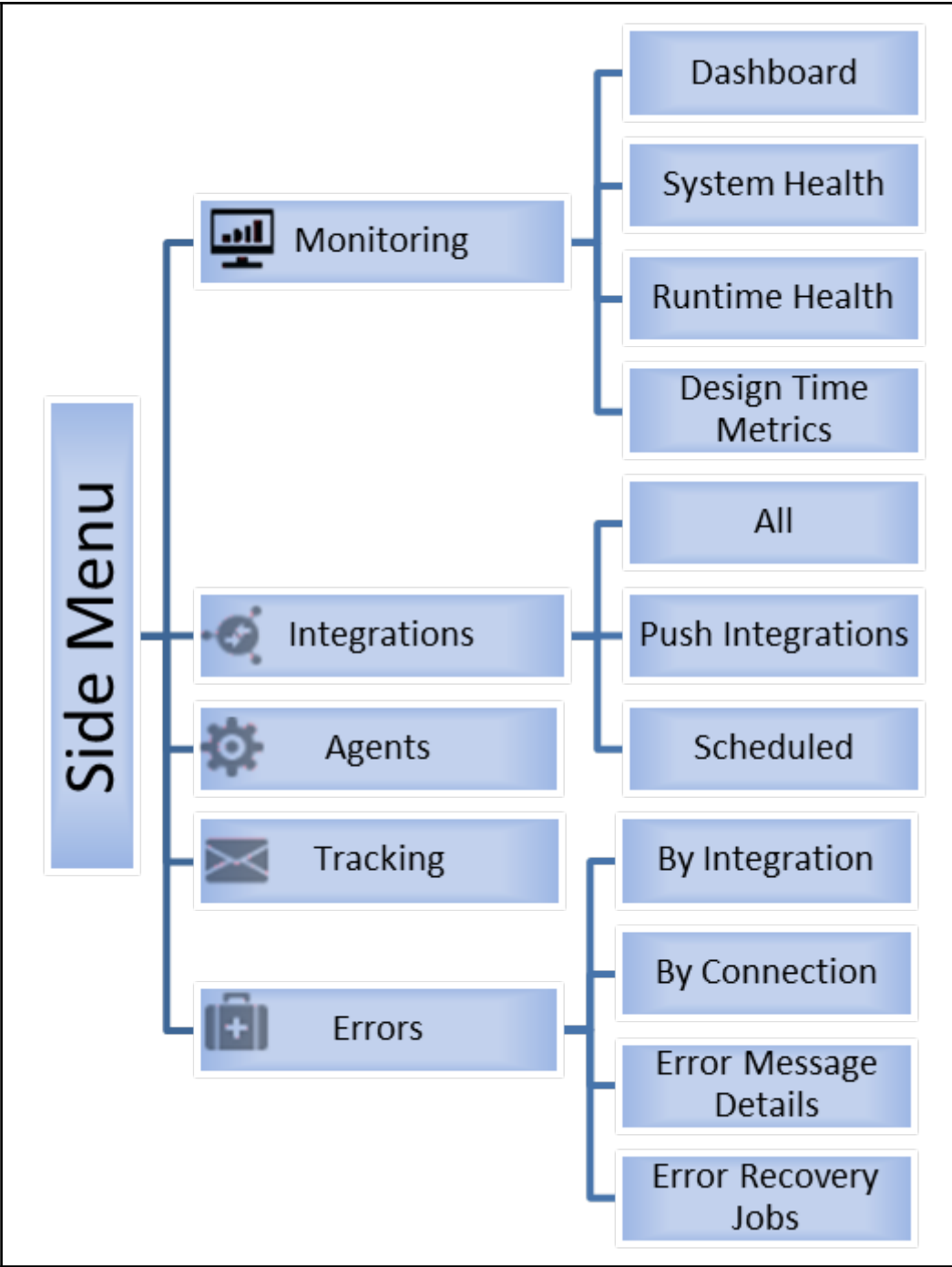
- Dashboard
 - System Health
 - Runtime Health
 - Design Time Metrics
- Integrations
- Agents
- Tracking
- Errors



- Activity Stream
- Download Logs
- Download Incident







Summary

10626

Total Messages Received

10621

Total Messages Processed

9171

Success

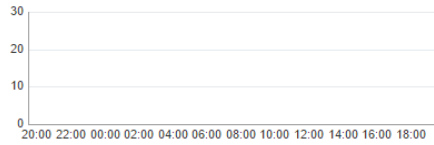
1450

Errors

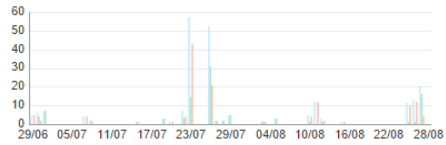
86.4%

Success Rate

Hourly history



Daily history



Activity Stream

Refresh Logs

Download Logs

- FILTEREDFLIGHTST_CH7 - FlightStatusEnquiry - Sun Aug 28 19:35:40 UTC 2016 - Request Received Successfully. 5620036
- FILTEREDFLIGHTST_CH7 - FlightStatusEnquiry - Sun Aug 28 19:35:38 UTC 2016 - Request Received Successfully. 6020037
- FILTEREDFLIGHTST_CH7 - FlightStatusEnquiry - Sun Aug 28 19:35:35 UTC 2016 - Request Received Successfully. 5620035
- FILTEREDFLIGHTST_CH7 - FlightStatusEnquiry - Sun Aug 28 19:35:12 UTC 2016 - Request Received Successfully. 5620034

Packages

6

Total



6
Developed

0
Prebuilt

Integrations

15

Total



1
Draft

8
Configured

6
Active

0
Failed

Connections

11

Total



1
Draft

10
Configured

5
In-use

Lookups

1

Total



1
In-use

Agents

0

Total



0
Connectivity Agents

0
Execution Agents

Integrations >

69
Total



8

Draft

19

Configured

35

Active

7

Failed

Integrations (by patterns) < >

File Transfer	3
Map My Data	51
Notification	7
Undefined	8
Number of MEP types	4

Integrations (by adapters) <

Oracle Sales Cloud	1
Oracle Database	5
Salesforce	1
FTP	9
Google Mail	10
SOAP	25

Monitoring

Integrations

All (3)

Push Integrations (122)

Scheduled (1)

Agents

Tracking

Errors

Integrations

Since First Activation

Aug 26, 2016 3:50:25 PM UTC











Push Integrations

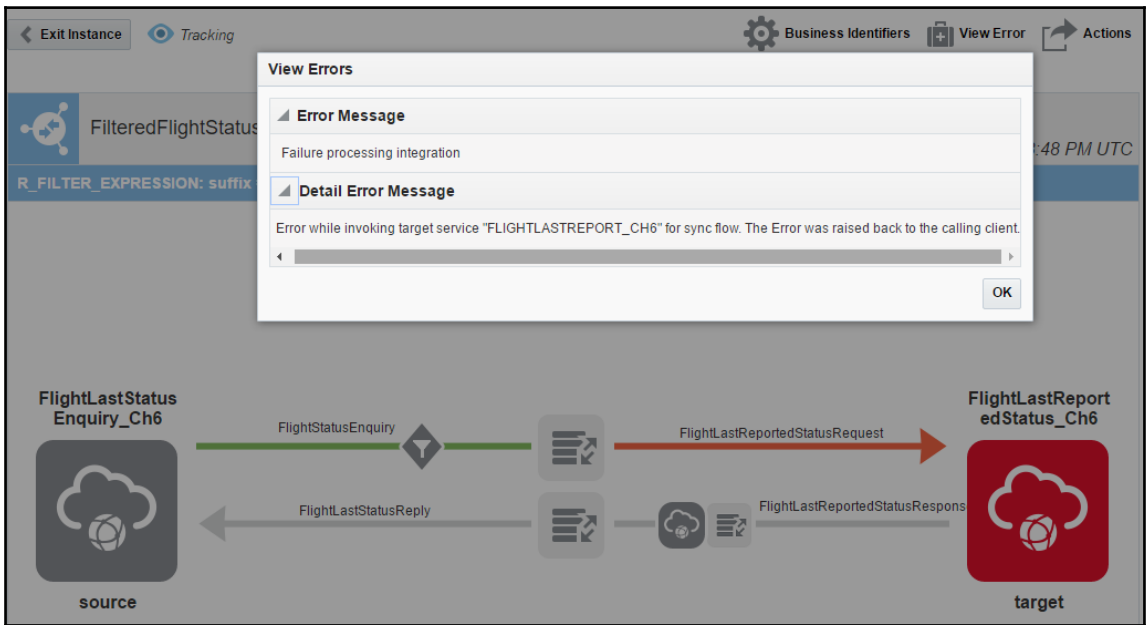
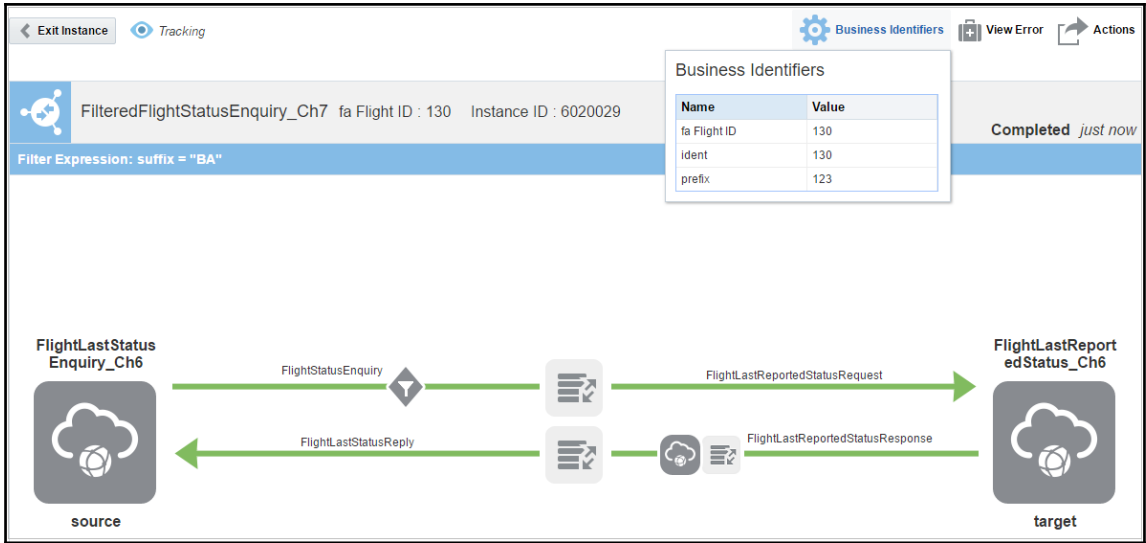
ch7

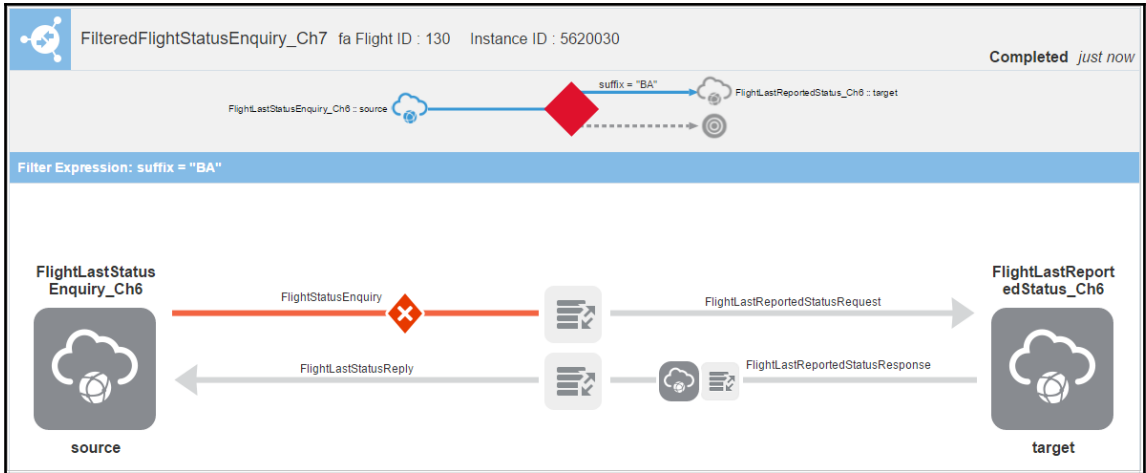
Sort by: Last Update

INTEGRATION NAME contains ch7
✕

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="display: flex; align-items: center; gap: 5px;"> <div> <p>FilteredFlightStatusEnquiry_Ch7 1.0</p> <p>Last Message 1 minute ago</p> </div> </div> <div style="display: flex; justify-content: space-around; width: 100%;"> <div style="text-align: center;">10 Received</div> <div style="text-align: center;">10 Processed</div> <div style="text-align: center;">9 Success</div> <div style="text-align: center;">1 Errors</div> </div> <div style="display: flex; gap: 10px;"> </div> </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="display: flex; align-items: center; gap: 5px;"> <div> <p>RoutedFlightStatusEnquiry_Ch7_2 1.0</p> <p>Last Message NO DATA</p> </div> </div> <div style="display: flex; justify-content: space-around; width: 100%;"> <div style="text-align: center;">0 Received</div> <div style="text-align: center;">0 Processed</div> <div style="text-align: center;">0 Success</div> <div style="text-align: center;">0 Errors</div> </div> <div style="display: flex; gap: 10px;"> </div> </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="display: flex; align-items: center; gap: 5px;"> <div> <p>RoutedFlightStatusEnquiry_Ch7_1 1.0</p> <p>Last Message NO DATA</p> </div> </div> <div style="display: flex; justify-content: space-around; width: 100%;"> <div style="text-align: center;">3 Received</div> <div style="text-align: center;">3 Processed</div> <div style="text-align: center;">3 Success</div> <div style="text-align: center;">0 Errors</div> </div> <div style="display: flex; gap: 10px;"> </div> </div>

	fa Flight ID: 150 Instance ID: 6020030 FilteredFlightStatusEnquiry_Ch7 1.0	Failed today at 3:48 PM UTC
	FAILED	
	fa Flight ID: 130 Instance ID: 6020029 FilteredFlightStatusEnquiry_Ch7 1.0	Completed today at 3:34 PM UTC
	COMPLETED	
	fa Flight ID: 130 Instance ID: 5620031 FilteredFlightStatusEnquiry_Ch7 1.0	Completed today at 3:34 PM UTC
	COMPLETED	
	fa Flight ID: 130 Instance ID: 5620030 FilteredFlightStatusEnquiry_Ch7 1.0	Completed today at 3:32 PM UTC
	COMPLETED	
	fa Flight ID: 120 Instance ID: 6020028 FilteredFlightStatusEnquiry_Ch7 1.0	Completed today at 3:32 PM UTC
	COMPLETED	





- Monitoring
- Integrations
- Agents
- Tracking
- Errors

Agent Groups Aug 26, 2016 7:10:36 PM UTC

All Full or partial agent group name Sort by: Last Update

SBL0015GRP 			
	Updated Jul 11, 2016 8:14 AM UTC by robert.van.molken...	1 AGENTS	
AGENT14621 UNIT0251.AGENT14621 1.0 			
Connection Agent Group 			
	Updated Mar 2, 2016 6:05 PM UTC by robert.van.molken...	0 AGENTS	Connection group for Robert van Molken
Execution Agent Group 			
	Updated Feb 26, 2016 10:07 PM UTC by antony.reynolds@o...	1 AGENTS	Default group used for Execution Agents

Errors by Integration | Last 6 Hours ▾ | Aug 26, 2016 7:12:07 PM UTC 

All Integrations  Sort by: Time ▾


FilteredFlightStatusEnquiry_Ch7 | 1.0

 **1**
ERRORS

All Connections  Sort by: Time ▾

CONNECTION NAME contains Ch  

FlightLastReportedStatus_Ch6 | SOAP

 **1**
ERRORS  

The screenshot displays a web interface for reporting incidents. In the top-left corner, a user profile for 'admin@oracle-inte' is visible with a dropdown menu containing 'Preferences', 'Help', 'Report Incident', 'About ICS', and 'Sign Out'. A yellow arrow points from the 'Report Incident' menu item to a modal window titled 'Report Incident'. The modal window has a 'SUCCESSFUL' status bar at the top. It contains a text input field with the placeholder 'Enter information that describes this incident. Use a meaningful name and description to help others find and understand this incident.' The field contains the text 'TestIncident'. Below it is a larger text area with the placeholder 'Enter information that describes this incident.' and the text 'This is to demonstrate the recording of an incident'. A 'Create' button is located at the bottom right of the modal. A second yellow arrow points from the 'Create' button to a green success message at the bottom of the page. The success message reads: 'Incident report successfully created with ID: "1". You can download it right now or later from the Monitoring dashboard.' The bottom right of the page has a 'Home' link with a house icon.

Download Incident

Download Incident

Provide incident identifier to download logs, files captured in the incident. This may help you troubleshoot the issue.

Incident Id

Incident Id

Download

Name	Size	Packed	Type	Modified	CRC32
..			Folder		
adf_AdfcDiagnosticDump12_i1.txt	33,236	4,401	Text Document	30/08/2016 19:03	DFCCE888
adf_ADfConfigDiagnosticDump13_i1.txt	10,605	1,263	Text Document	30/08/2016 19:03	1E8A5D8F
adf_ADfConfigPropertiesDump15_i1.txt	34	36	Text Document	30/08/2016 19:03	DAB97617
adf_DiagnosticsJarsVersionDump14_i1.txt	149,953	12,792	Text Document	30/08/2016 19:03	D4CD2C26
dfw_samplingArchive9_i1.readme.txt	20	22	Text Document	30/08/2016 19:03	85EC32C2
dms_metrics7_i1.txt	274,572	26,541	Text Document	30/08/2016 19:03	1798404B
jvm_flightRecording10_i1.jfr	5,653,865	5,600,320	Java Flight Record...	30/08/2016 19:03	11787980
jvm_threads6_i1.txt	112,018	11,746	Text Document	30/08/2016 19:03	DEFAF58F
odl_logs11_i1.txt	8,903	1,380	Text Document	30/08/2016 19:03	2BFC618D
odl_quicktrace8_i1.apps-clickhistory-handler.dmp	753,641	63,448	Crash Dump File	30/08/2016 19:03	257CFF76
readme.txt	12,746	2,785	Text Document	30/08/2016 19:03	CAEA5DF3

Hello ██████,

We would like to inform you of the upcoming **monthly** maintenance for your Oracle Cloud environment. As we apply the latest update, please note that your service will be unavailable. We will notify you via email when your environment is operational. Our estimated time for this maintenance is provided below.

Monthly Maintenance Details

Outage Details



Start Time:

Saturday, February 6, 2016 3:00:00 AM GMT

Estimated End Time:

Saturday, February 6, 2016 11:00:00 AM GMT

Affected Service: sampleICSService (Oracle Integration Cloud Service)



Customer Account: Oracle

Data Center: US Commercial 2

Identity Domain: sample domain

Subscription ID: ██████████

Support Details



Message ID: 18995056


For further details, please review the [documentation](#), visit cloud.oracle.com for additional readiness material and information about your services, and check the status of your [notifications](#).

- Certificates
- Notifications
- Logging Levels

Upload Aug 30, 2016 7:54:39 PM UTC

Certificates

Search Filter by Sort by: Alias

entrustglobal PREINSTALLED CN=Entrust.net Secure Server Certification Authority, OU=(c) 2000 Entrust.net Limited, OU=V...	
entrustmain PREINSTALLED CN=Entrust.net Secure Server Certification Authority, OU=(c) 1999 Entrust.net Limited, OU=V...	
verisignclass2 PREINSTALLED OU=Class 2 Public Primary Certification Authority, O="VeriSign, Inc.", C=US	

Certificate

Subject

Common Name *.us2.oraclecloud.com

Organization Usage

Organization Oracle Corporation

Town Redwood Shores

State California

Country US

Issued By

Common Name Symantec Class 3 Secure Server CA - G4

Organization Usage Symantec Trust Network

Organization

Town

State

Country US

Issued Dec 8, 2015 12:00:00 AM UTC

Expires Jan 6, 2017 11:59:59 PM UTC

OK

Certificates

Notifications

Logging Levels

Save

Revert

Logging Levels

Change the logger level of any logger under 'oracle' directory. This may cause disk space to fill up and degrade system performance. Be sure to reset logger level to the default level when troubleshooting has been completed.

Components and Services	Logging Level
oracle	ERROR:1 (Error) ▼
oracle.adf	Off INCIDENT_ERROR:1 (Incident error) ERROR:1 (Error)
oracle.adfdebugdiagnostics	WARNING:1 (Warning) NOTIFICATION:1 (Info) NOTIFICATION:16 (Config) NOTIFICATION:32 (Notification)
oracle.adfdiagnostics	TRACE:1 (Fine) TRACE:16 (Finer) TRACE:32 (Finest)
oracle.adfdt	All
oracle.adfdtinternal	ERROR:1 (Error) - Inherited from parent ▼
oracle.adfinternal	ERROR:1 (Error) - Inherited from parent ▼
oracle.ics	ERROR:1 (Error) - Inherited from parent ▼

Certificates

Notifications

Logging Levels

Send Now

Save

Revert

Delete

Notifications

The ICS Notification Service distributes system status reports and service failure alerts by email. Select reporting options below and specify the distribution list. Configure the notification service for your environment.

Service failure	<input checked="" type="checkbox"/> Send notification when a service failure is detected
Hourly report	<input checked="" type="checkbox"/> Send detailed report every hour
Daily report	<input checked="" type="checkbox"/> Send detailed report every day
Distribution list	<input style="width: 80%;" type="text" value="████████@oracle-integration.cloud"/>



Tracking Metrics Hourly Report

Reporting period: 2016-08-30 14:35 - 2016-08-30 15:35

2

Total Messages Received

2

Total Messages Processed

2

Success

0

Failures

100.0%

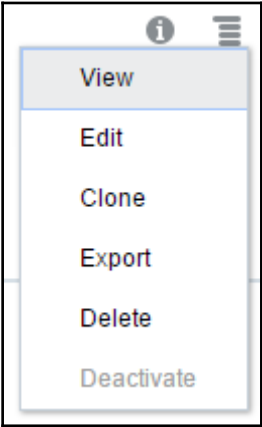
Success Rate

To stop receiving email notifications from Integration Cloud Service, adjust your [Notifications](#) settings.

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Chapter 13:



The image shows a file explorer window with a directory tree on the left and a file list on the right. The directory tree is rooted at 'ROUTEDFLIGHTSTAT_CH7_01.00.0000' and contains several sub-directories. The 'resourcegroup_156' directory is currently selected and highlighted. The file list on the right shows four files: 'ICSFault.xsd', 'TimeZoneEnrichment_REQUEST.jca', 'TimeZoneEnrichment_REQUEST.wadl', and 'TimeZoneEnrichment_REQUEST.wsdl'.


Directory Structure	File List
ROUTEDFLIGHTSTAT_CH7_01.00.0000	ICSFault.xsd
icspackage	TimeZoneEnrichment_REQUEST.jca
appinstances	TimeZoneEnrichment_REQUEST.wadl
dvms	TimeZoneEnrichment_REQUEST.wsdl
project	
ROUTEDFLIGHTSTAT_CH7_01.00.0000	
PROJECT-INF	
resources	
application_81	
inbound_788	
resourcegroup_16	
application_209	
inbound_490	
resourcegroup_156 (Selected)	
application_330	
application_475	
processor_82	
resourcegroup_344	
processor_181	
resourcegroup_911	
processor_525	
processor_555	
processor_679	
processor_831	

Home Designer Monitoring Administration

Import New Integration > Dec 6, 2016 11:36:30 PM UTC



Integrations

Search Filter by Sort by: Last Update



 **Import Confirmation**

Do you want to overwrite the integration?

Yes No

 Save  Actions

[Regenerate artifacts...](#)

Export Delete

Home Designer Monitoring Administration

Integrations Connections Agents Lookups Packages Adapters

Packages

Aug 21, 2016 7:04:44 PM UTC

Import Package

All ch2 Filter by

PACKAGE NAME contains ch2

ics.book.ch2

1 INTEGRATION

View Integrations
Export
Delete

```
C:\WINDOWS\system32\cmd.exe
E:\Docs\Shared\Downloads\curl>curl --help
Usage: curl [options...] <url>
Options: (H) means HTTP/HTTPS only, (F) means FTP only
  --anyauth          Pick "any" authentication method (H)
  -a, --append       Append to target file when uploading (F/SFTP)
  --basic           Use HTTP Basic Authentication (H)
  --cacert FILE     CA certificate to verify peer against (SSL)
  --capath DIR      CA directory to verify peer against (SSL)
-E, --cert CERT[:PASSWD] Client certificate file and password (SSL)
  --cert-status     Verify the status of the server certificate (SSL)
  --cert-type TYPE  Certificate file type (DER/PEM/ENG) (SSL)
  --ciphers LIST    SSL ciphers to use (SSL)
  --compressed      Request compressed response (using deflate or gzip)
-K, --config FILE  Read config from FILE
-C, --continue-at OFFSET Resumed transfer OFFSET
  -b, --cookie STRING/FILE Read cookies from STRING/FILE (H)
  -c, --cookie-jar FILE Write cookies to FILE after operation (H)
  --create-dirs     Create necessary local directory hierarchy
  --crlf           Convert LF to CRLF in upload
  --crlfile FILE   Get a CRL list in PEM format from the given file
-d, --data DATA   HTTP POST data (H)
  --data-raw DATA HTTP POST data, '@' allowed (H)
  --data-ascii DATA HTTP POST ASCII data (H)
  --data-binary DATA HTTP POST binary data (H)
  --data-urlencode DATA HTTP POST data url encoded (H)
  --delegation STRING GSS-API delegation permission
  --digest         Use HTTP Digest Authentication (H)
  --disable-eprt  Inhibit using EPRT or LPRT (F)
  --disable-epsv  Inhibit using EPSV (F)
  --dns-servers   DNS server addrs to use: 1.1.1.1;2.2.2.2
  --dns-interface Interface to use for DNS requests
  --dns-ipv4-addr IPv4 address to use for DNS requests, dot notation
```



```
C:\WINDOWS\system32\cmd.exe
E:\Docs\Shared\Downloads\curl>curl -u : -H "Accept:application/XML" -X GET https://integrationtrial5550-deoraclem99369.integration.us2.oraclecloud.com//icsapis/v1/monitoring/integrations
<?xml version="1.0" encoding="UTF-8"?><integrationFlowHealthRecords><links rel="self" href="https://
oraclecloud.com:443/icsapis/v1/monitoring/integrations"/><items><flowId>25bb1b0b-d021-473f-82b1
-f6ee7cd0cbf</flowId><flowName>RequestBin Integration</flowName><flowCode>REQUESTBIN_INTEGRATION</flowCode><flowVersion>01.
00.0000</flowVersion><noOfMsgsReceived>3</noOfMsgsReceived><noOfMsgsProcessed>3</noOfMsgsProcessed><noOfErrors>3</noOfErrors
><noOfSuccess>0</noOfSuccess><errorsInQueues><errorObjects xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://ww
w.w3.org/2001/XMLSchema-instance" xsi:type="xsd:string">Unable to reach target.</errorObjects><errorObjects xmlns:xsd="http:
//www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:type="xsd:string">Unable to reply bac
k.</errorObjects><errorObjects xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-inst
ance" xsi:type="xsd:string">Unable to send error back.</errorObjects></errorsInQueues><successRate>0</successRate><avgRespTi
me>0</avgRespTime><endPointURI>https://integrationtrial5550-deoraclem99369.integration.us2.oraclecloud.com:443/integration/
flowapi/rest/REQUESTBIN_INTEGRATION/v01/metadata</endPointURI><proxyWSDL></proxyWSDL><scheduleApplicable>false</scheduleAppl
icable><scheduleDefined>false</scheduleDefined><mepType>MEP04</mepType><lastUpdatedBy>lars.bauer@ec4u.com</lastUpdatedBy><li
nks rel="self" href="https://integrationtrial5550-deoraclem99369.integration.us2.oraclecloud.com:443/icsapis/v1/monitoring/
integrations/REQUESTBIN_INTEGRATION/01.00.0000"/><links rel="integration" href="https://integrationtrial5550-deoraclem99369
.integration.us2.oraclecloud.com:443/icsapis/v1/integrations/REQUESTBIN_INTEGRATION/01.00.0000"/></items></items><flowId>bb91
b158-69fa-44c1-9556-fcb73686d6cf</flowId><flowName>Twitter Bot</flowName><flowCode>TWITTER_BOT</flowCode><flowVersion>01.00.
0000</flowVersion><noOfMsgsReceived>15</noOfMsgsReceived><noOfMsgsProcessed>15</noOfMsgsProcessed><noOfErrors>4</noOfErrors
><noOfSuccess>11</noOfSuccess><errorsInQueues><errorObjects xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://ww
w.w3.org/2001/XMLSchema-instance" xsi:type="xsd:string">Unable to reach target.</errorObjects><errorObjects xmlns:xsd="http:
//www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:type="xsd:string">Unable to reply bac
k.</errorObjects><errorObjects xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-inst
ance" xsi:type="xsd:string">Unable to send error back.</errorObjects></errorsInQueues><successRate>73</successRate><avgRespT
```

```
E:\Docs\Shared\Downloads\curl>curl -u : -H "Accept:application/XML" -o integrations.
txt -X GET https://integrationtrial5550-deoraclem99369.integration.us2.oraclecloud.com//icsapis/v1/monitoring/integrations
% Total % Received % Xferd Average Speed Time Time Time Current
Dload Upload Total Spent Left Speed
100 1099 0 1099 0 0 468 0 --:--:-- 0:00:02 --:--:-- 468
```

View Integration - Information

Integration Name RoutedFlightStatusEnquiry_Ch7

Identifier ROUTEDFLIGHTSTAT_CH7

Version 01.00.0000

Package Name ics.book.ch7

Description This integration extends upon FilteredFlightStatusEnquiry_Ch7. It will take the request and communicate the a backend system returning the fully filled out response. Depending on the airline the request will be routed to one endpoint or another,

Close

```
E:\Docs\Shared\Downloads\curl>curl -u : -H "Content-Type:application/XML" -H "Accept:application/XML" --write-out %{http_code} -X POST https://icssandbox-a167512.integration.us2.oraclecloud.com/icsapis/v1/integrations/ROUTEDFLIGHTSTA_CH7/01.00.0000/deactivate
Integration not found.404
E:\Docs\Shared\Downloads\curl>
```

```
E:\Docs\Shared\Downloads\curl>curl -u : -H "Content-Type:application/XML" -H "Accept:application/XML" --write-out %{http_code} -X POST https://icssandbox-a167512.integration.us2.oraclecloud.com/icsapis/v1/integrations/ROUTEDFLIGHTSTA_CH7/01.00.0000/deactivate
200
E:\Docs\Shared\Downloads\curl>curl -u : -H "Content-Type:application/XML" -H "Accept:application/XML" --write-out %{http_code} -X POST https://icssandbox-a167512.integration.us2.oraclecloud.com/icsapis/v1/integrations/ROUTEDFLIGHTSTA_CH7/01.00.0000/deactivate
Integration "{0}" is not active so it cannot be deactivated.412
E:\Docs\Shared\Downloads\curl>
```

