



Leading the **Integration** Revolution

Your business problems have changed.
Why hasn't your integration solution?



ADEPTIA

Using Adeptia

Use Case: DTCC Data Integration

Use Case highlights

In this use case we will go through following steps:

1. Use DTCC (Depository Trust & Clearing Corporation) Standard schema
2. Receive Financial Activity Reporting (FAR) data and map it to XML format
3. Build the orchestration using Data Interface and Process Flow options
4. View the status and the run-time logs in the Process Monitoring

Setup Data Interface

Develop > Solutions > Data Interface

Solutions > Data Interfaces ✓

Delete + Create New Quick Search

<input type="checkbox"/>	Name	Description	Owner	Project Name	Modified	Action
<input type="checkbox"/>	DTCC_FAR_onboarding	onboard FAR data into common format	demouser	UseCase_DTCC_...	01/09/1...	☰

Setup Data Interface

We will walk through the screens for the activities marked in red below. Also refer to video.

Edit Data Interfaces: DTCC_FAR_onboarding

Standard Properties

Name *	<input type="text" value="DTCC_FAR_onboarding"/>
Description *	<input type="text" value="onboard FAR data into common format"/>

Design Properties

Configure Properties

Source Schema Type	<input type="text" value="Adv. Positional Schema"/>	<input type="button" value="New"/>	<input type="button" value="Edit"/>
Source Schema Name	<input type="text" value="UseCase_DTCC_FAR_schema (define FAR data hierarchy)"/>	<input type="button" value="New"/>	<input type="button" value="Edit"/>
Target Type	<input type="text" value="File Target"/>		
Target Name	<input type="text" value="UseCase_DTCC_Converted_Output (output file)"/>	<input type="button" value="New"/>	<input type="button" value="Edit"/>
Target Schema Type	<input type="text" value="XML Schema"/>		
Target Schema Name	<input type="text" value="UseCase_DTCC_FAR_XML (XML schema)"/>	<input type="button" value="New"/>	<input type="button" value="Edit"/>
Mapping	<input type="text" value="UseCase_DTCC_FAR_Mapping (Map to XML format)"/>	<input type="button" value="New"/>	<input type="button" value="Edit"/>

Setup Data Interface

Configure DTCC Adv. Positional Schema

Name* UseCase_DTCC_FAR_schema

Description* define FAR data hierarchy

Definition Mode* Import Definition File Use Data Dictionary Use Existing Fields

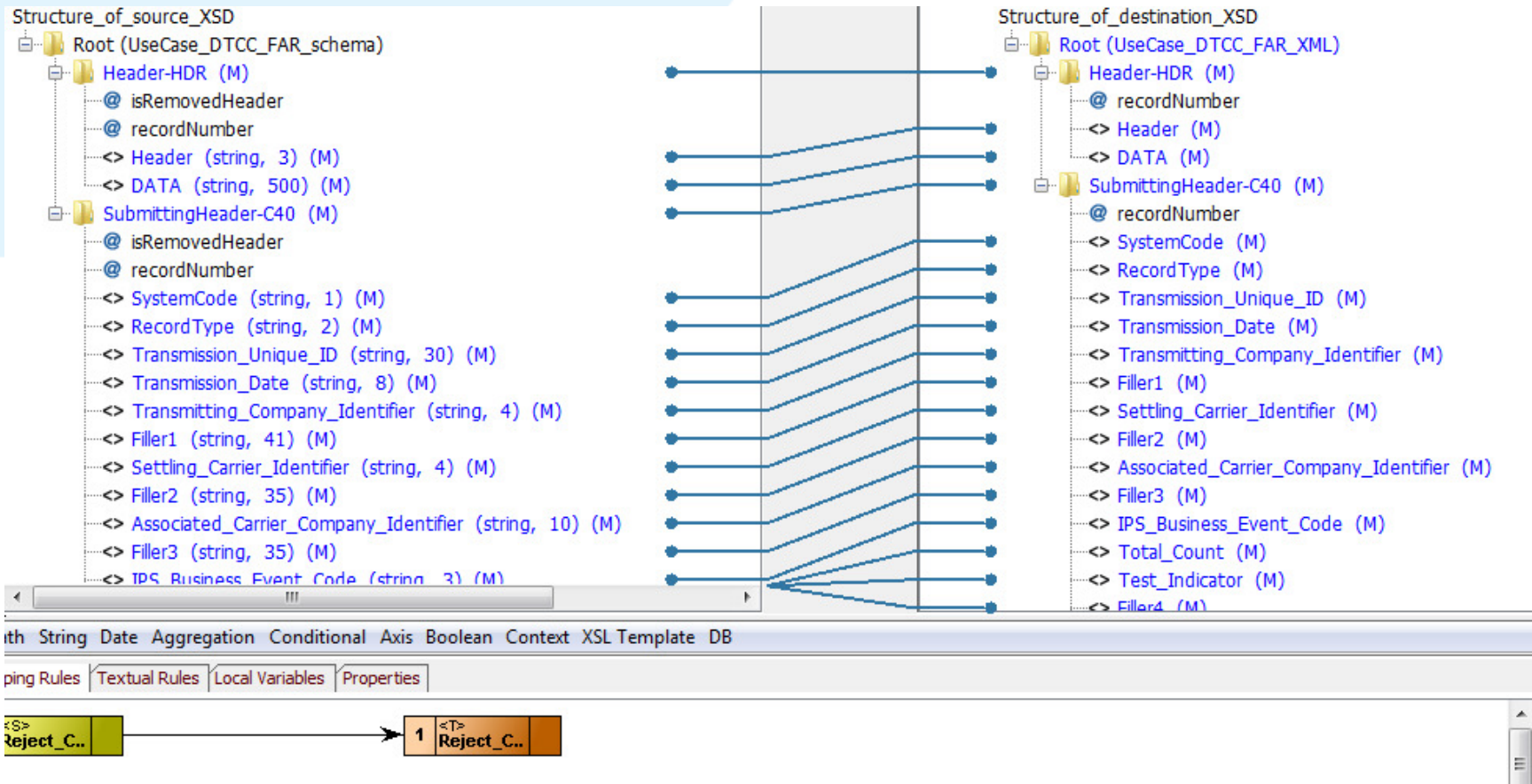
Field Separator* Field Length Start & End Positions

Definition File XSD C:\data\dtcc\ACORD_L

Data Dictionary -- SELECT --

Setup Data Interface

After defining the XML schema, open the Mapper and apply your mapping rules.



Deploy Setup Data Interface

Deploy Properties

Event Type* File Event ✓

Event Name* UseCase_DTCC_Event (pick up DTCC files) ✓

New Edit

Name* UseCase_DTCC_Event

Description* pick up DTCC files

Trigger Type* On FileExists

Check for File Modification

File Include Criteria* *.txt

File Exclude Criteria

File Base Location* c:\data\dtcc

Project

Manage your activities by going to the project. All the objects are shown under their service categories.

Projects		
List of activities included in project "UseCase_DTCC_Data_Conversion" ✓		
◀ Back	Move ↻	
<input type="checkbox"/> Name	Description	Owner
☏ Advance Positional Schema (1)		
<input type="checkbox"/> UseCase_DTCC_FAR_schema	define FAR data hierarchy	demouser
☏ Data Interfaces (1)		
<input type="checkbox"/> DTCC_FAR_onboarding	onboard FAR data into common format	demouser
☏ Event Registry (2)		
☏ File Event (1)		
<input type="checkbox"/> UseCase_DTCC_Event	pick up DTCC files	demouser
☏ File Source (1)		
<input type="checkbox"/> UseCase_DTCC_Source	source data location	demouser
☏ File Target (1)		
<input type="checkbox"/> UseCase_DTCC_Converted_Output	output file	demouser

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Thank You!



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