Leading the **Integration** Revolution

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

ADEPTIA

Using Adeptia

Use Case: Record by Record Looping in process flow

Use Case highlights

In this use case we will design an orchestration that contains:

1. Use Record Queue Producer to read one record at a time from source
2. Apply looping logic in Gateway to read next record from the Queue
3. Use Record Queue Receiver to pass single record to the target
4. Exit out of the loop when the source file is fully read
5. Discuss some of the scenarios where record by record is applicable

Design methodology

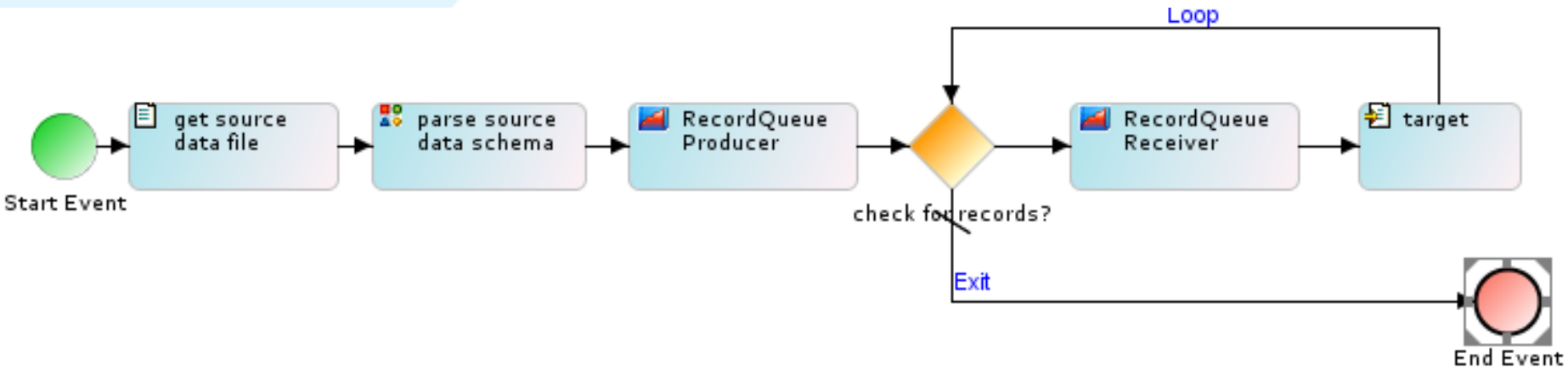
Design a high level process flow

Configure all the activities in the process flow

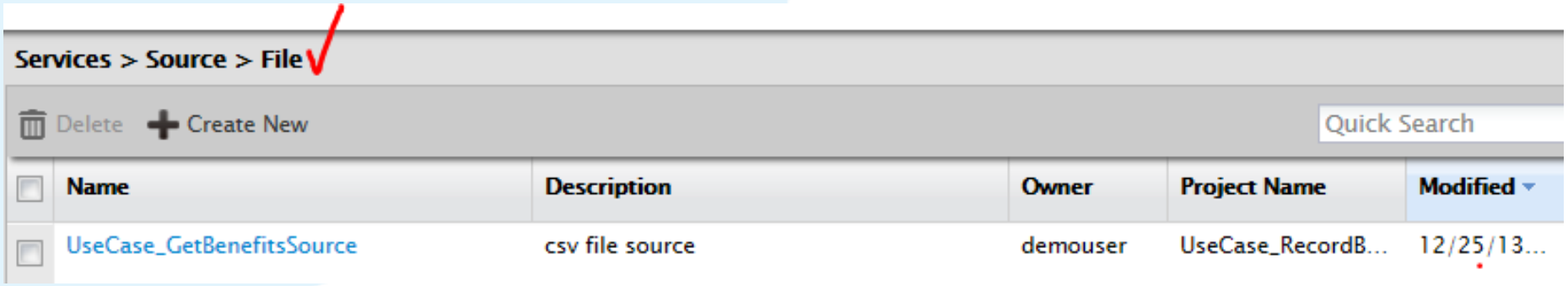
Attach to Event

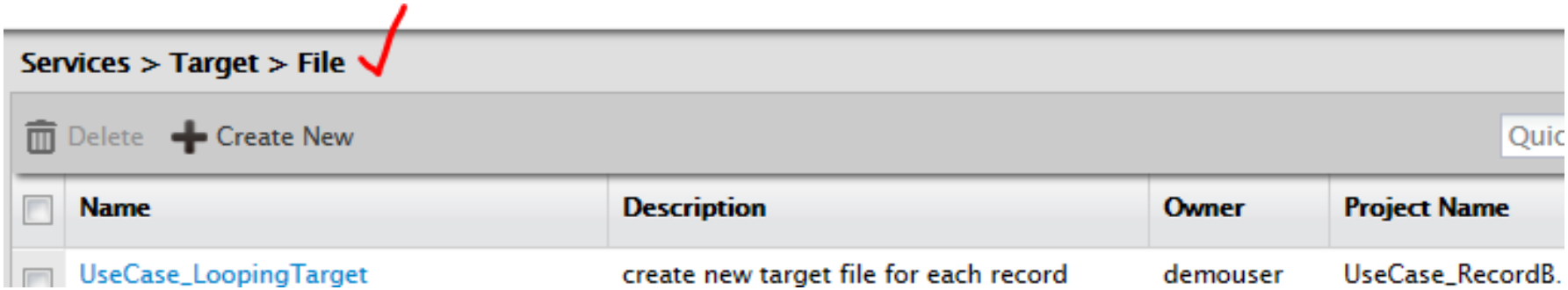
Design: Process Flow

Please refer to the Use Case video describing how to build this process flow

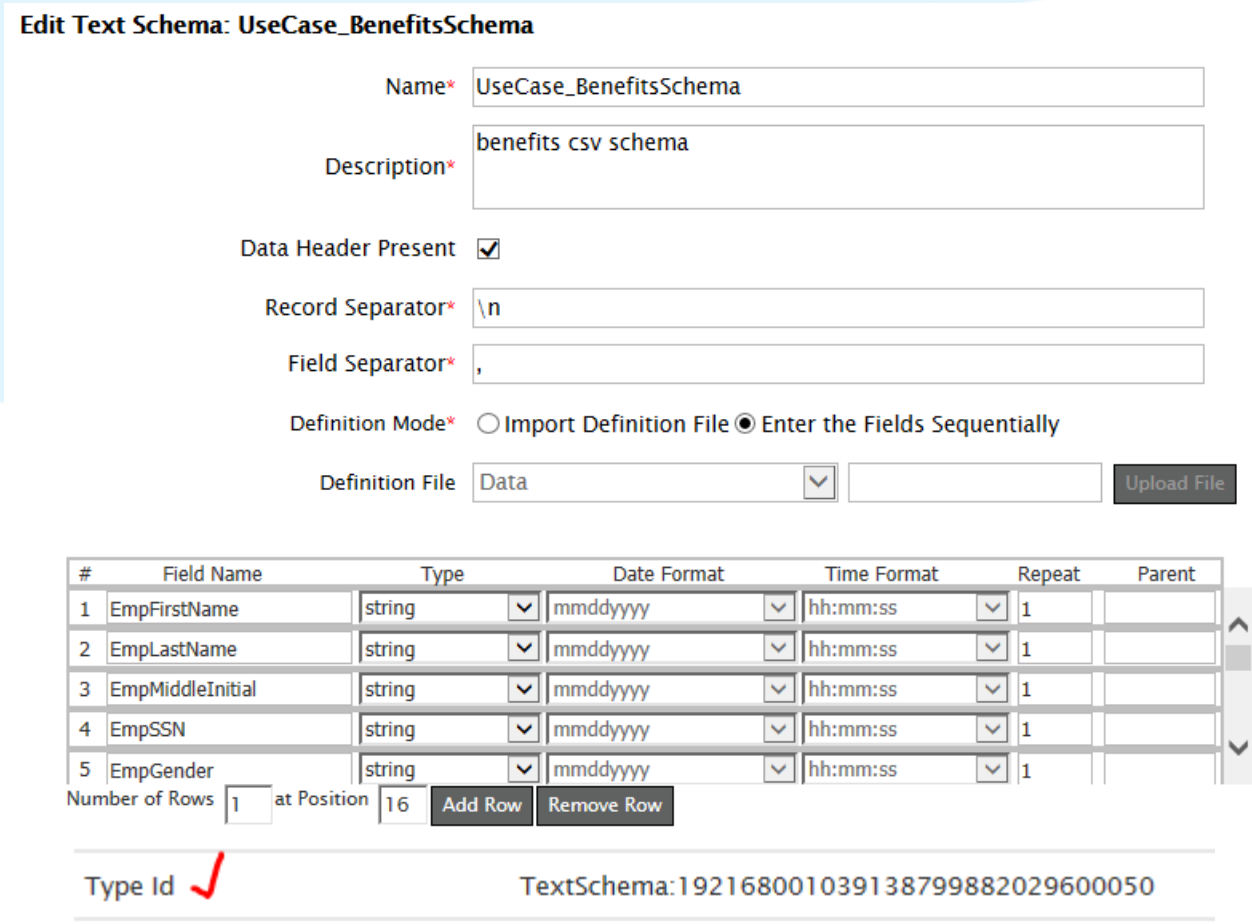


Configure – Source and Target





Configure – Source Schema

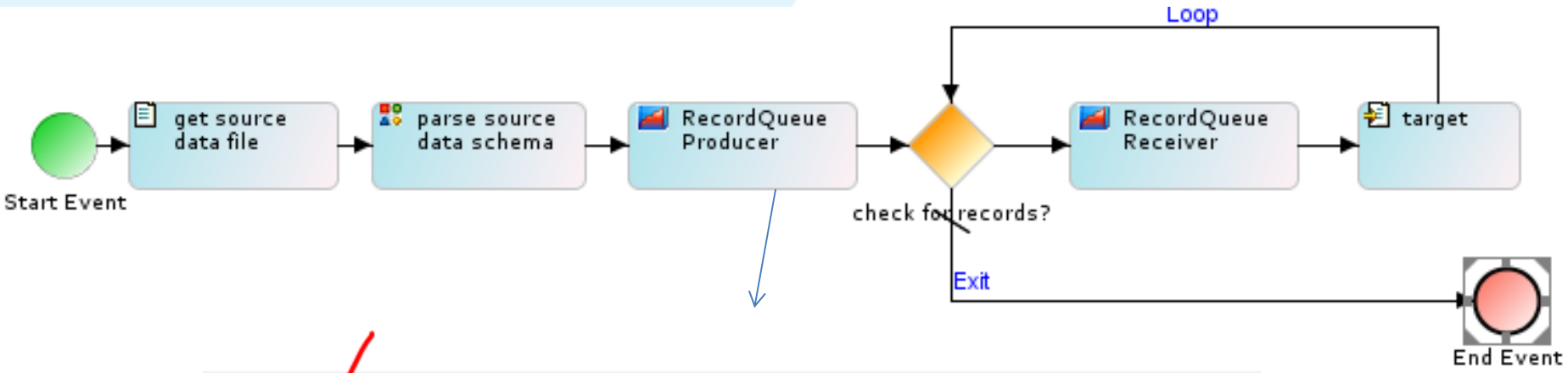


Services > Schema > Text

Right click on the Text Schema activity > View and copy the Type ID value which will be used In the Record Queue Producer activity of the Process flow.

Configure – Attach activities to process flow

Select and drag the activities from Repository View and attach it to activities.
Refer to the video.



Properties | OnException Scripts | Alerts | Process Flow Variables | Comments

Name	Value
Character Set Encoding	None
ID	
inputFormat	XML
Label	RecordQueueProducer
Name	RecordQueueProducer
outputFormat	XML
queueName	queueName
queueSize	1
schemaTypedId	TextSchema:192168001039138799882029600050
Signal	SignalComplete
source	UseCase_BenefitsSchema
streamNames	

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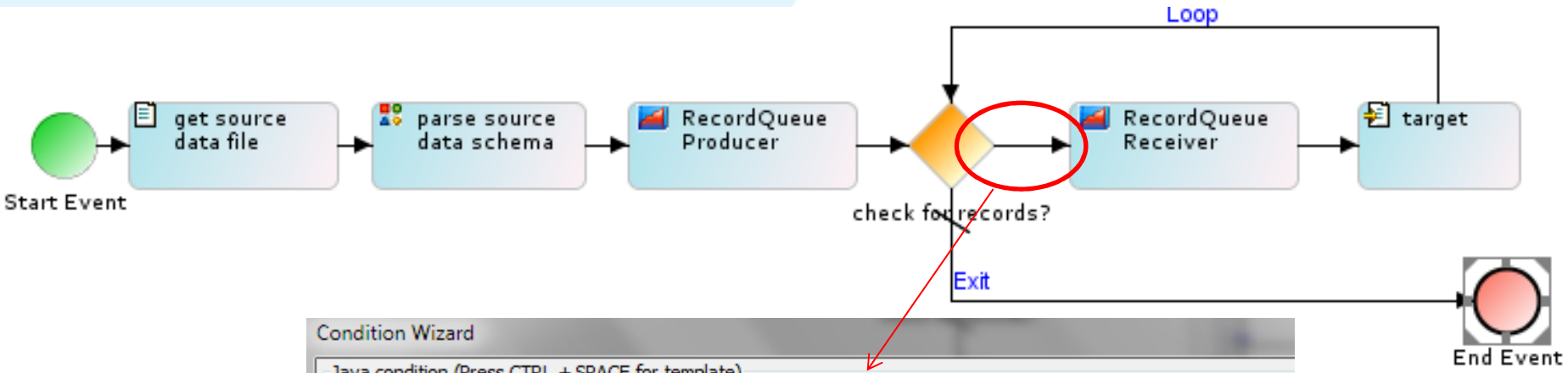
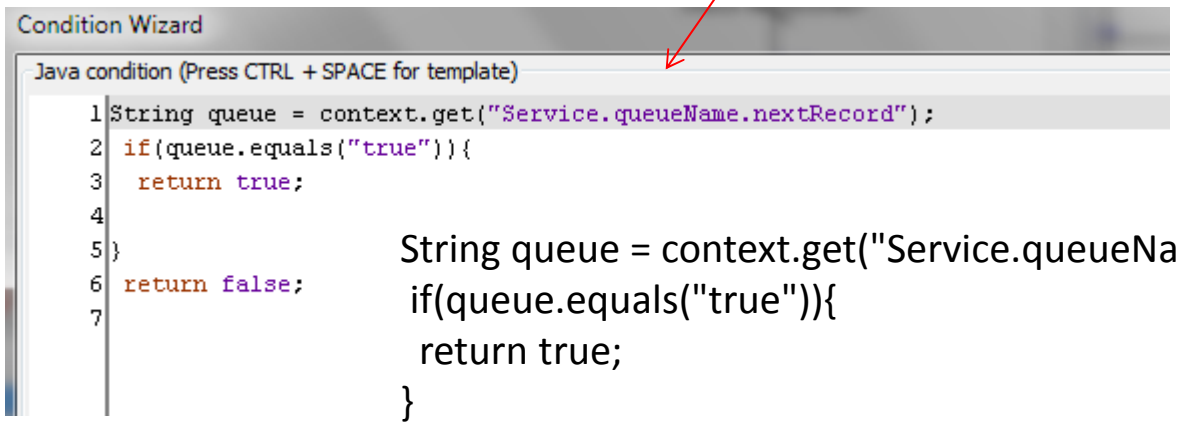
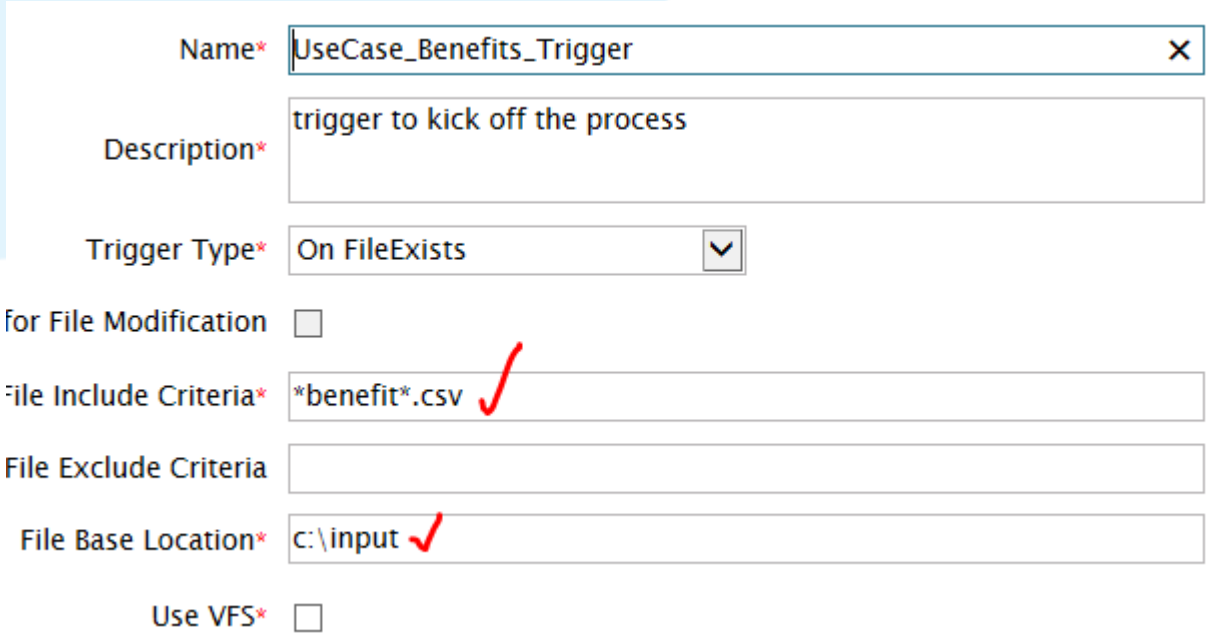




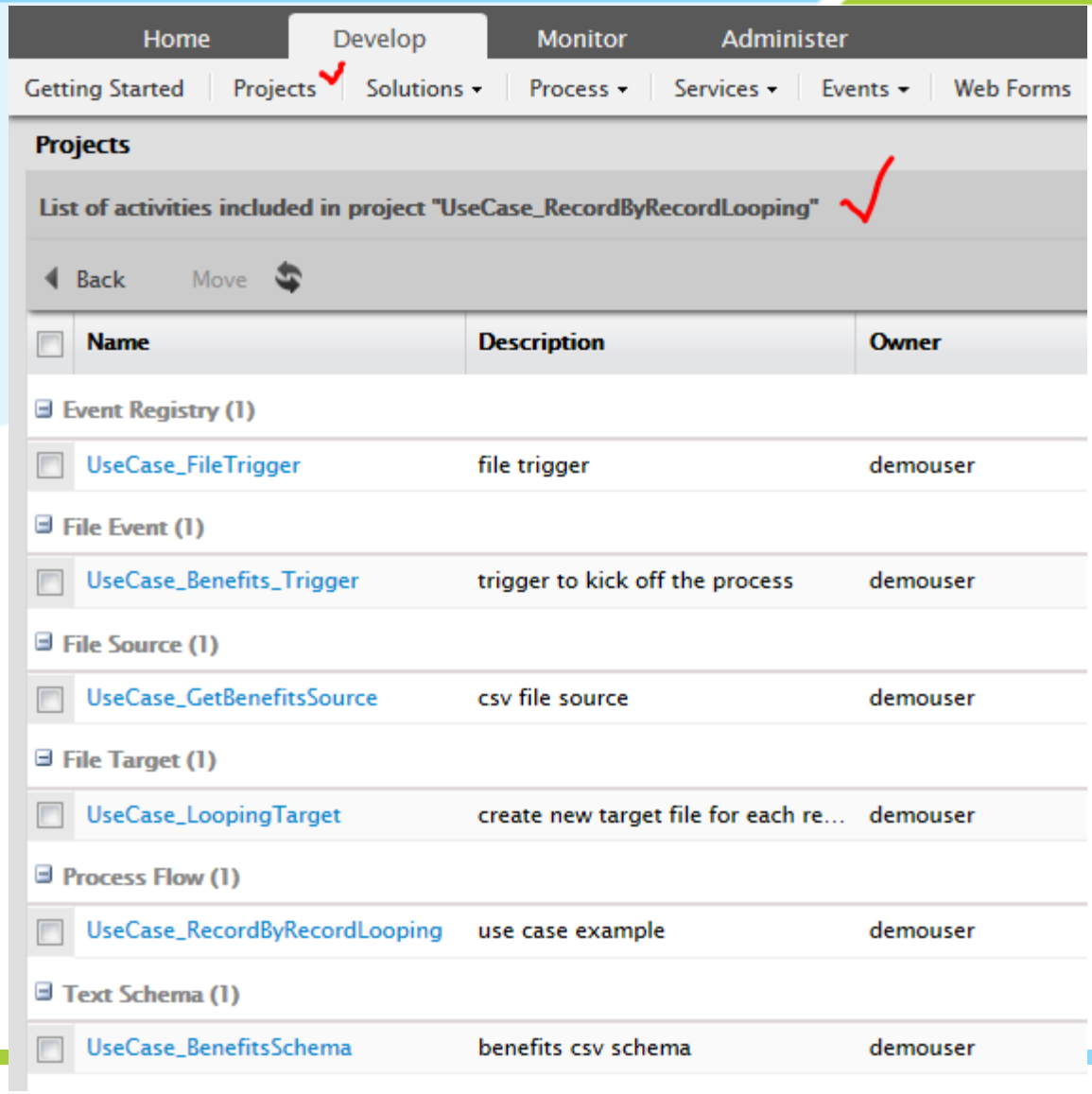

```
String queue = context.get("Service.queueName.nextRecord");
 if(queue.equals("true")){
  return true;
 }
 return false;
```

Deploy – File Event

Right click on the process flow located under Develop > Process > Process Flow and create and register File Event to the process flow.



Project: View and manage activities for this use case



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Thank You!

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