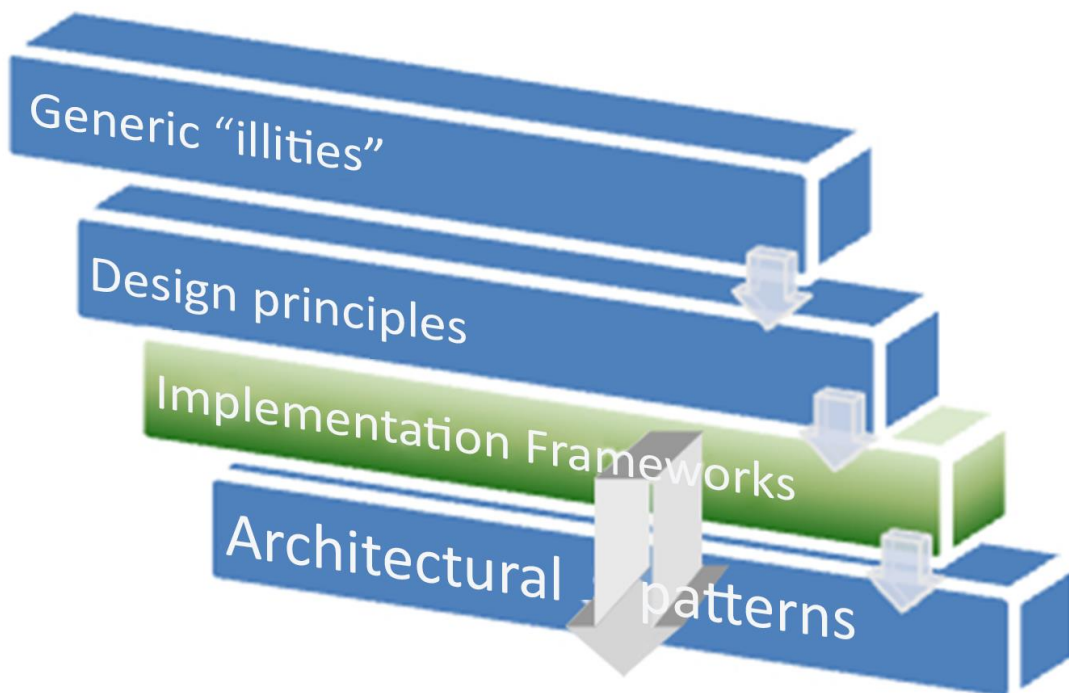
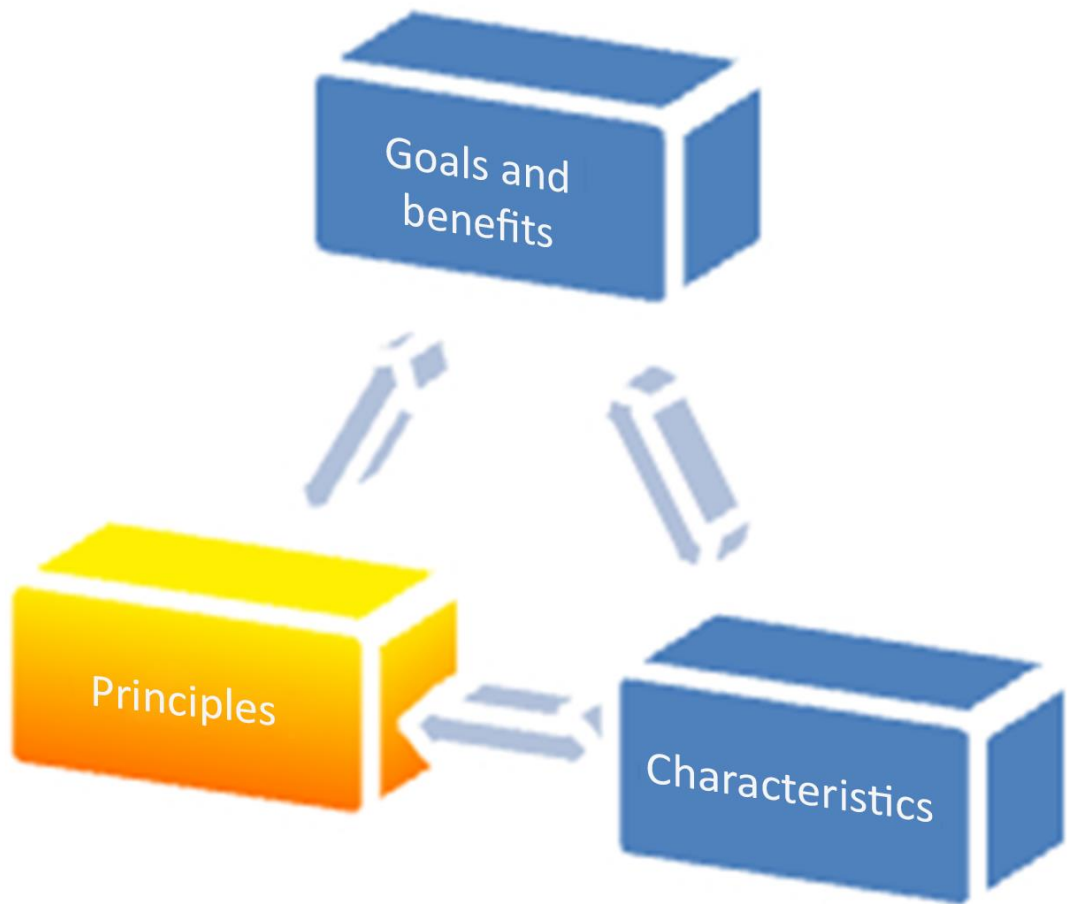
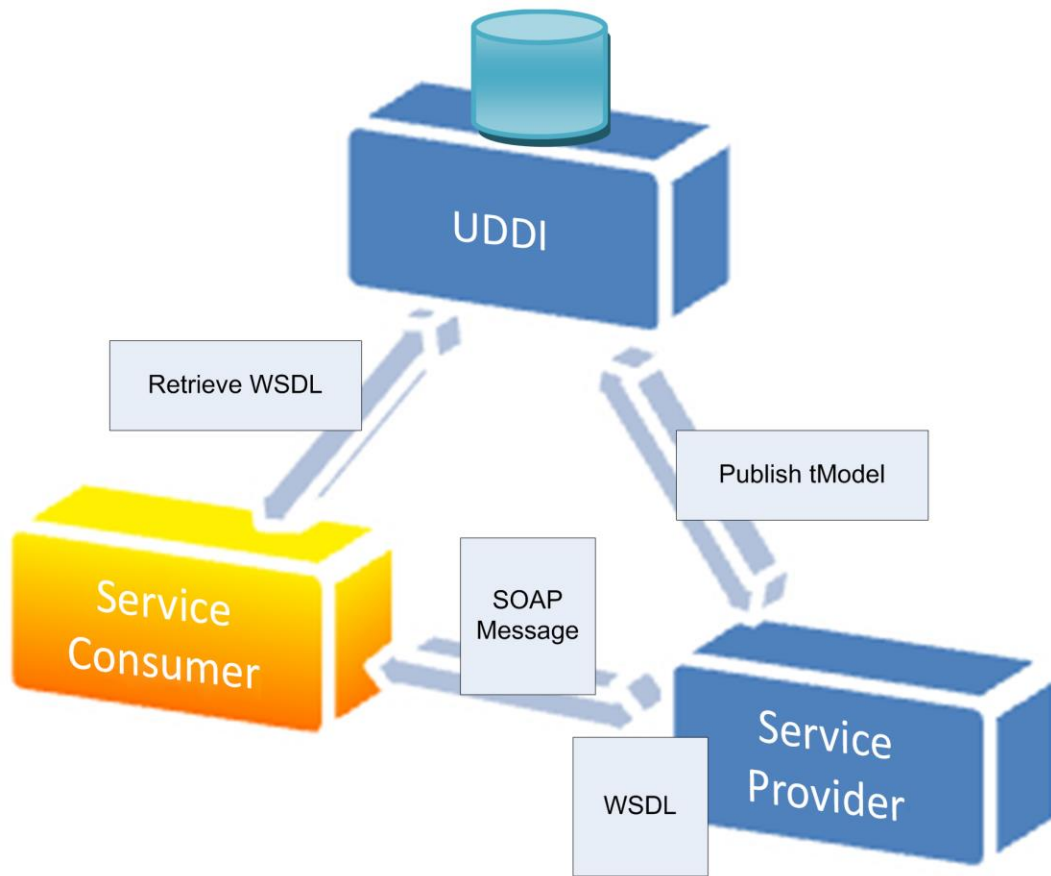
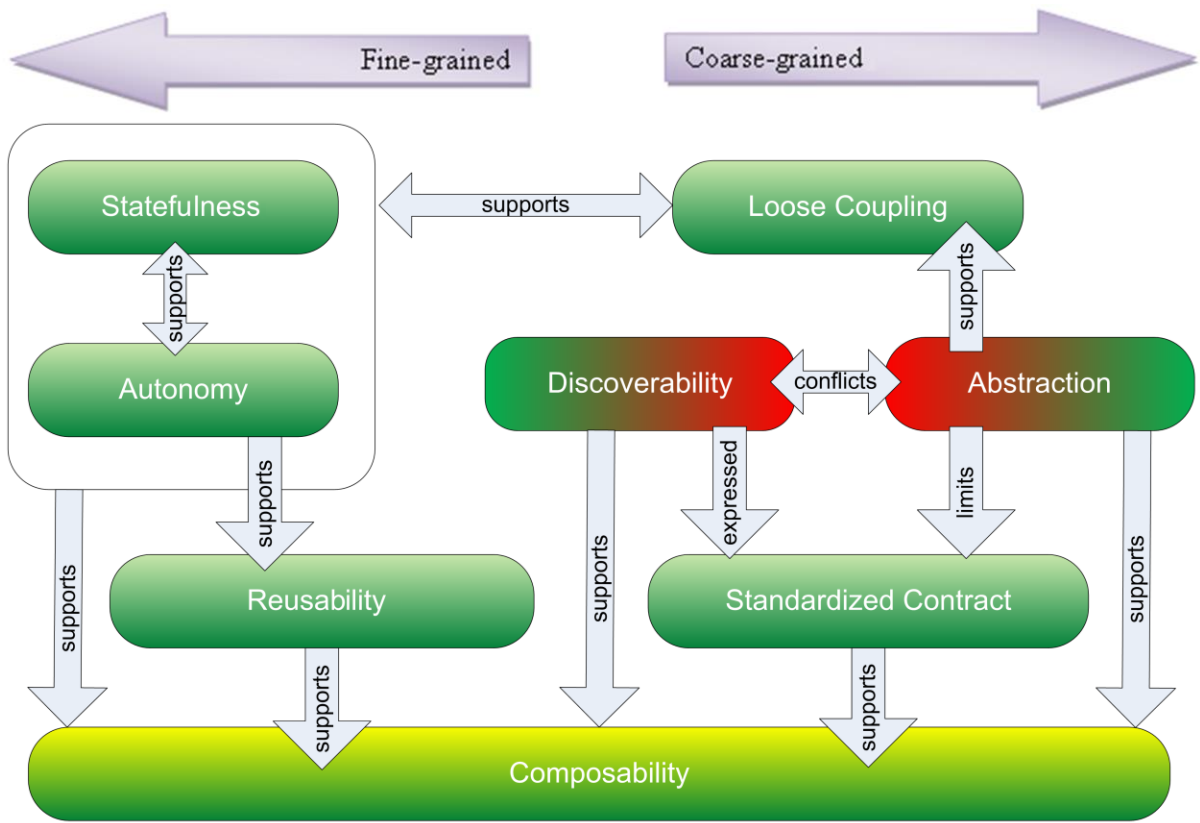
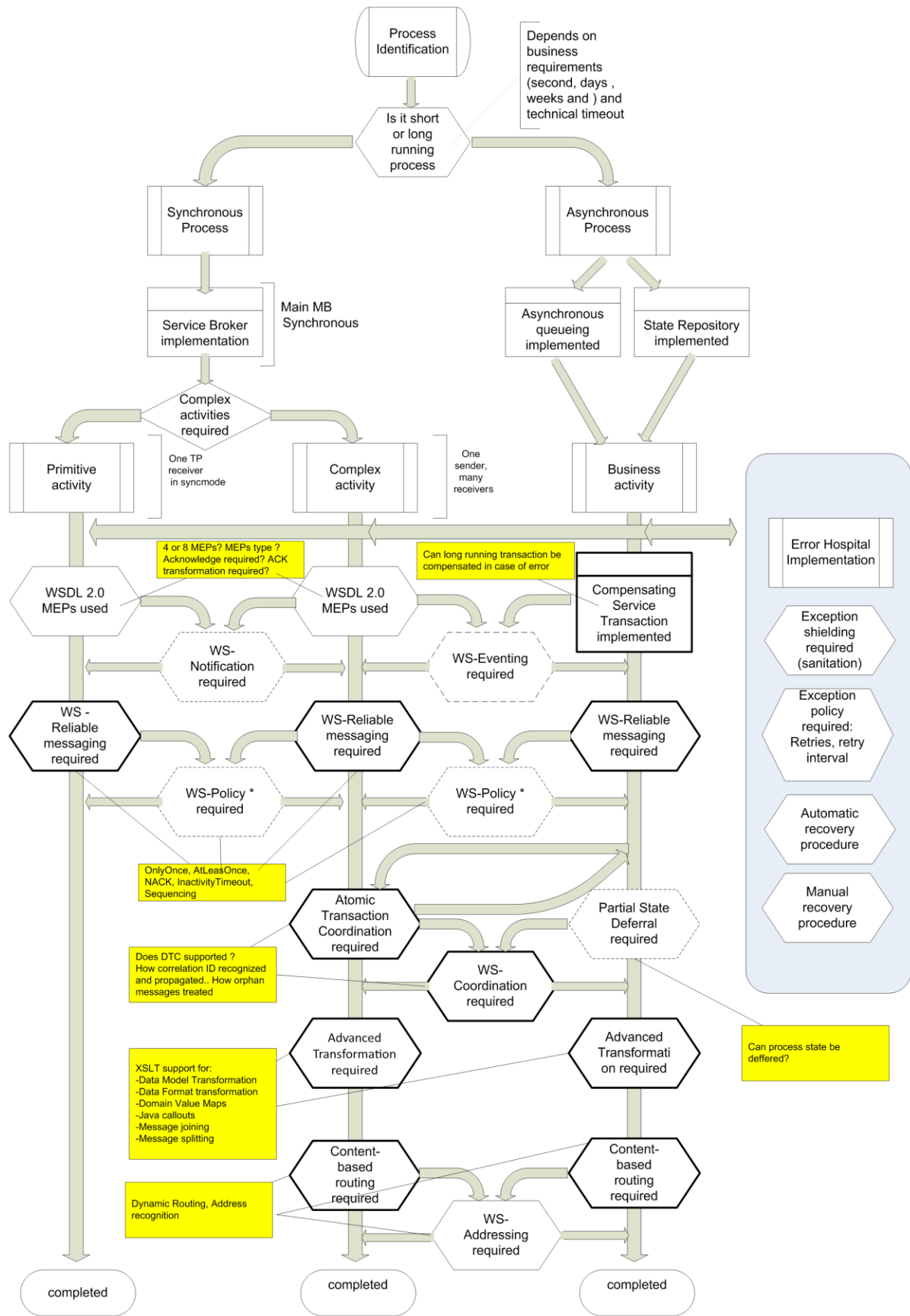
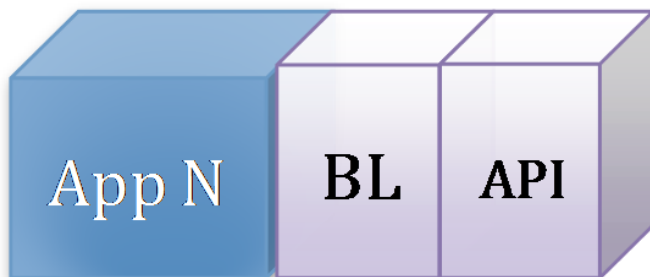
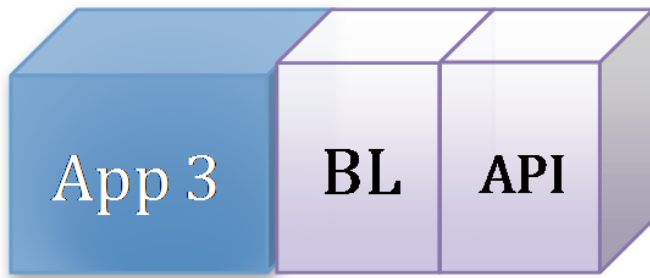
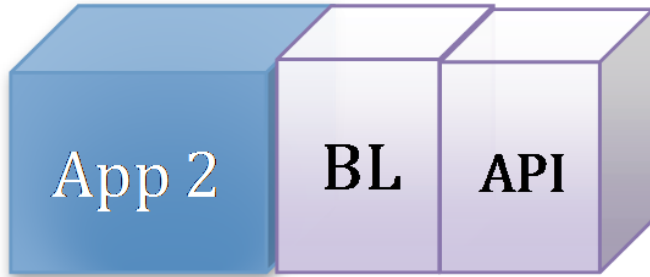
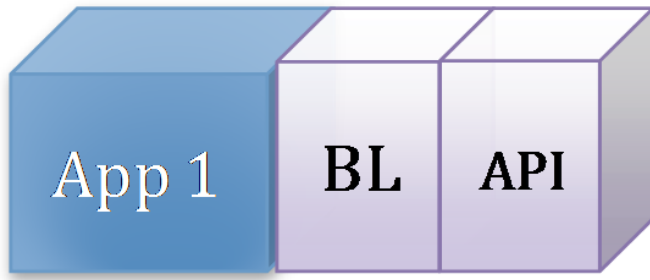


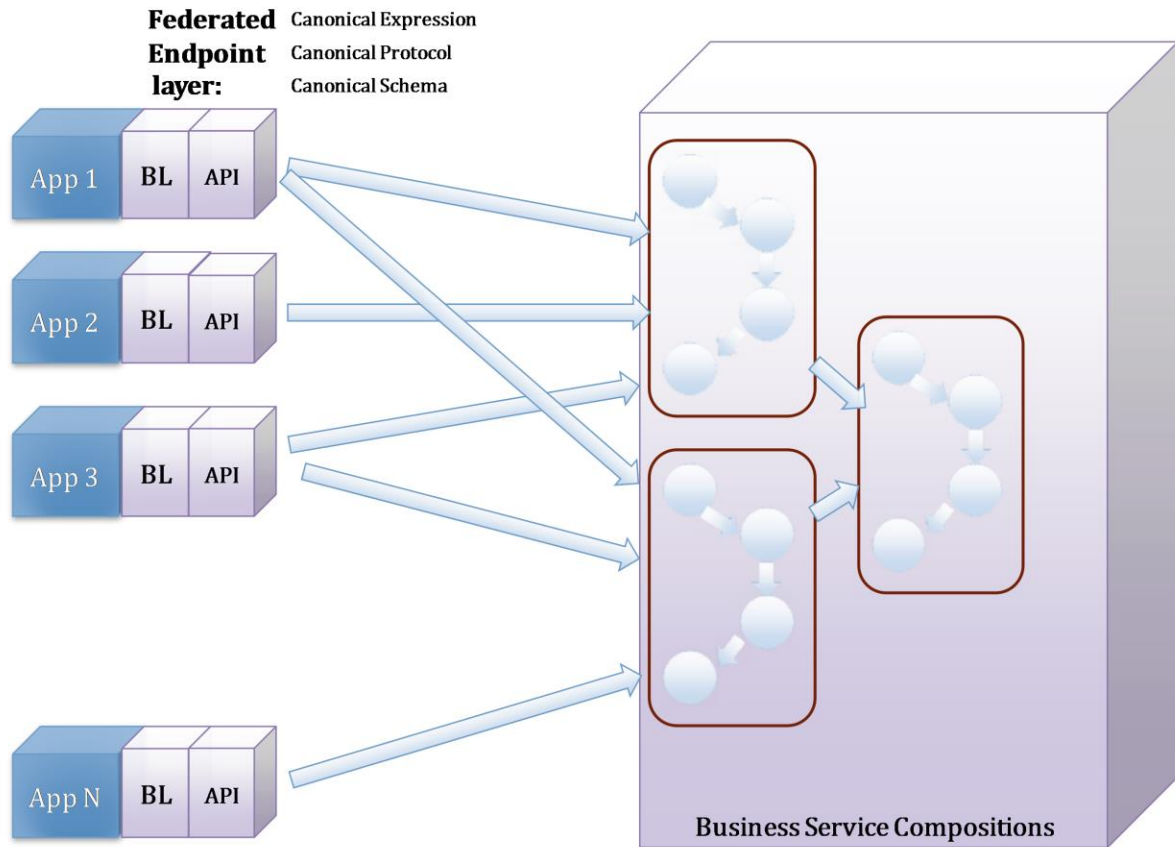
Chapter 1

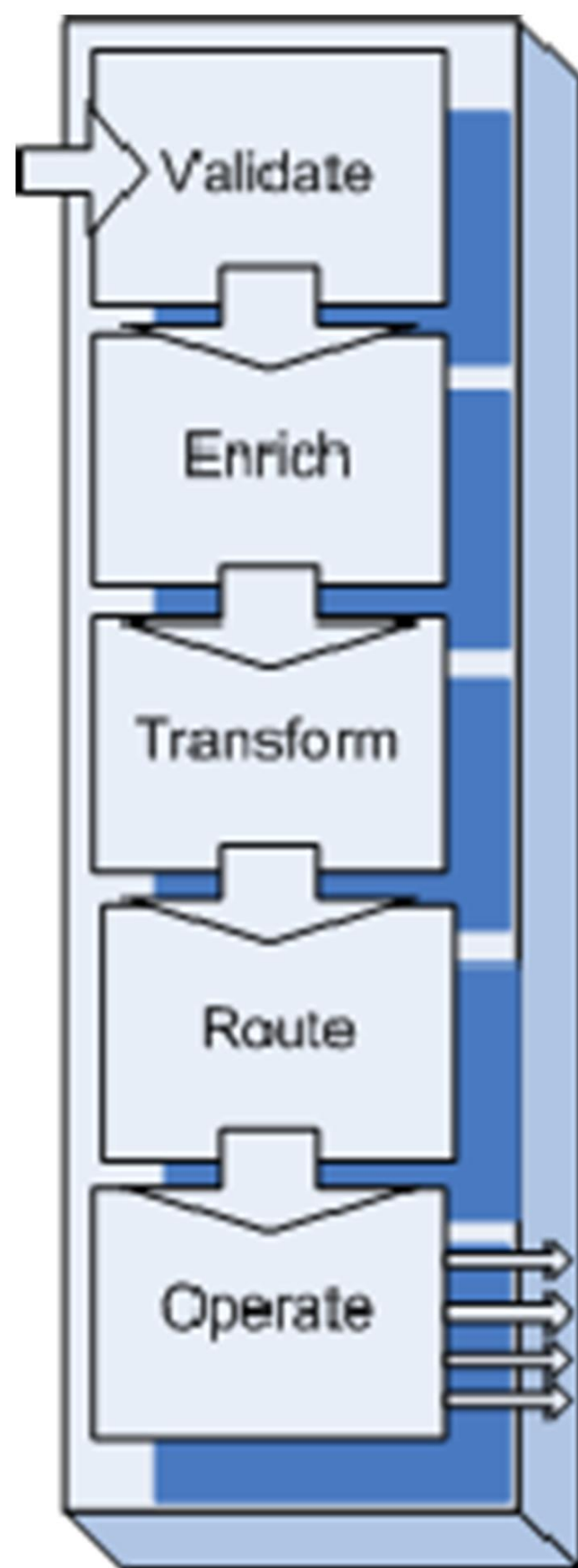


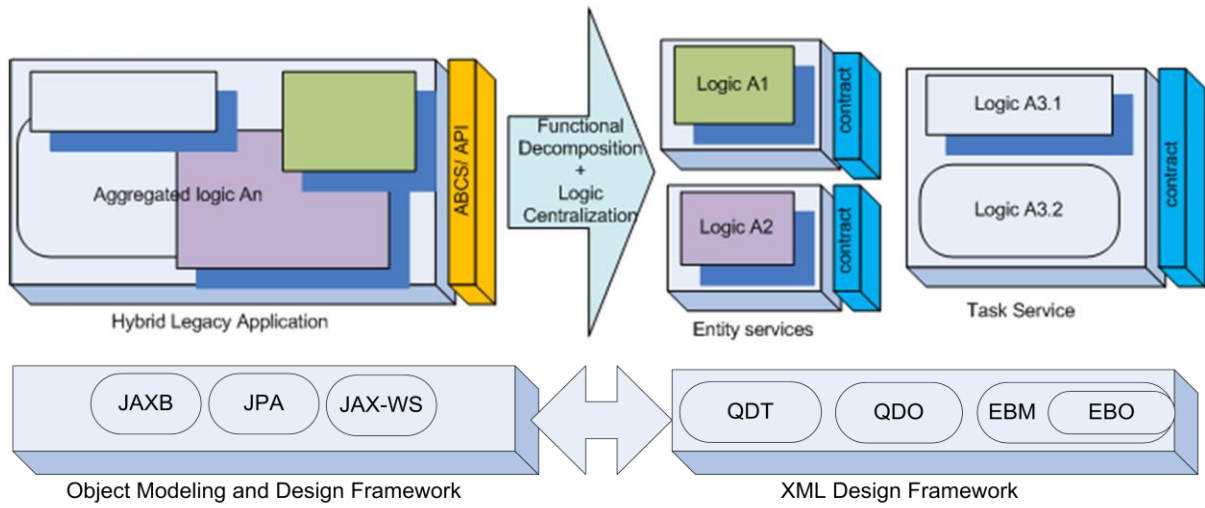




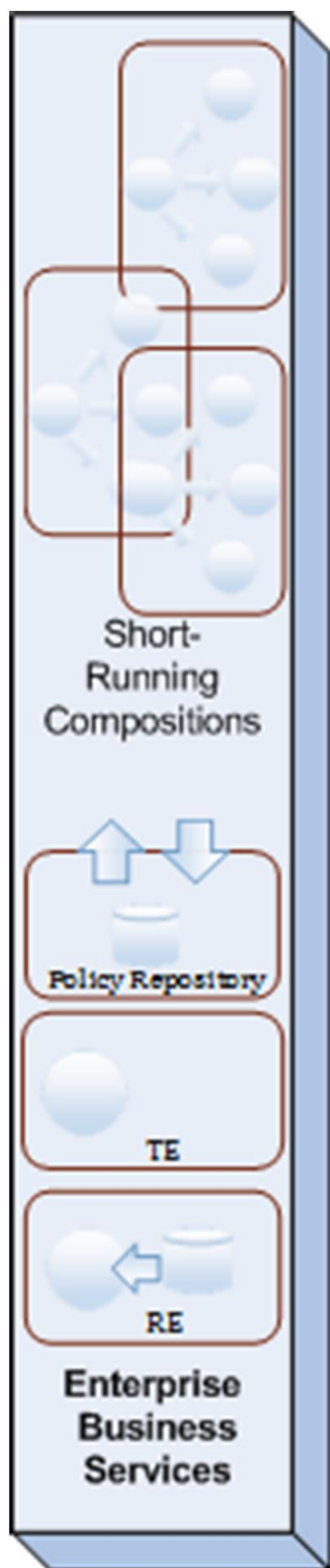


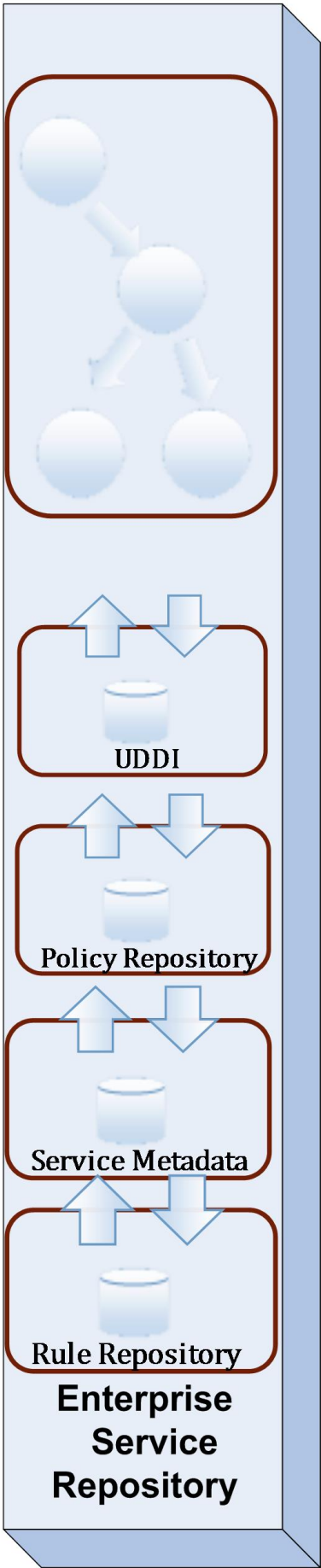


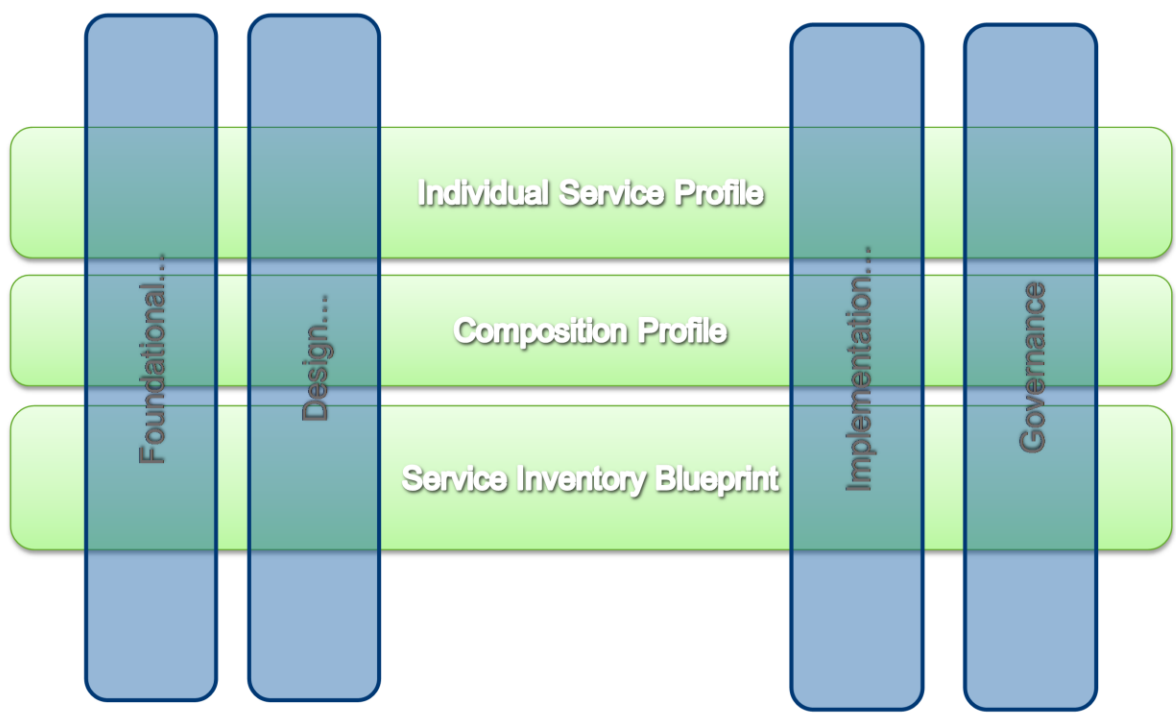
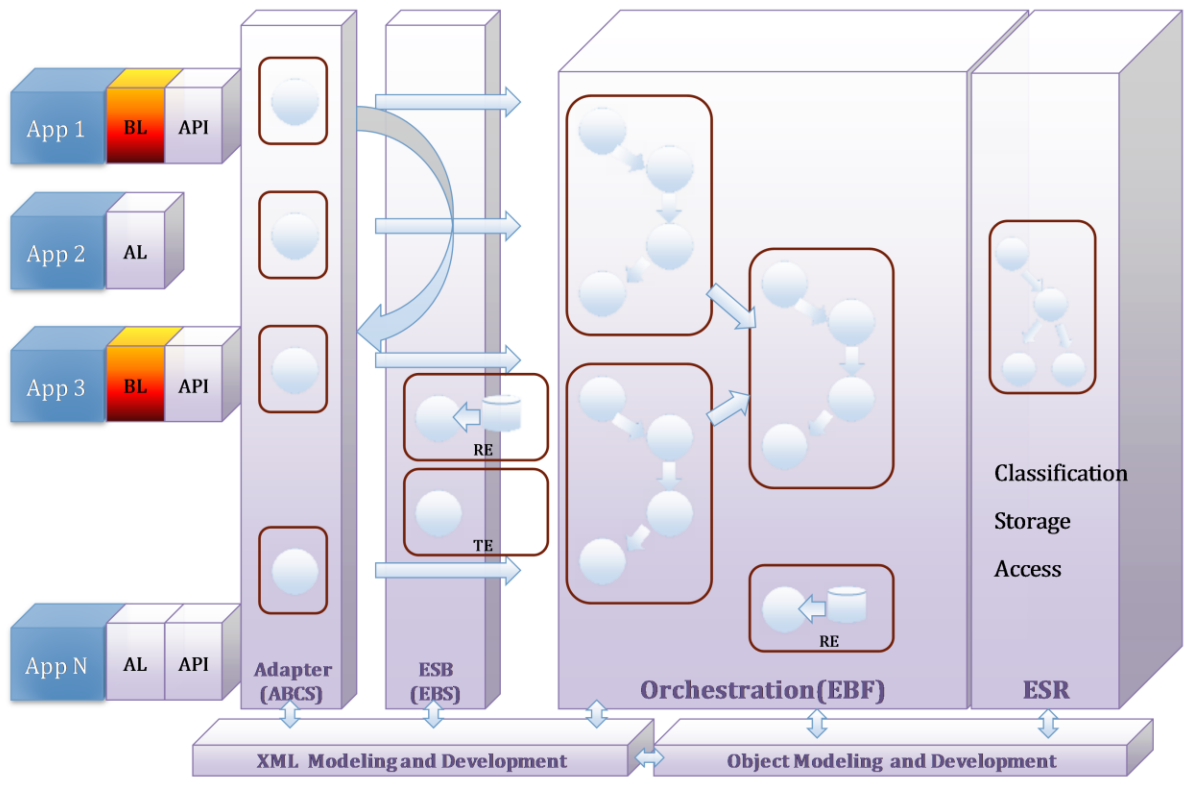




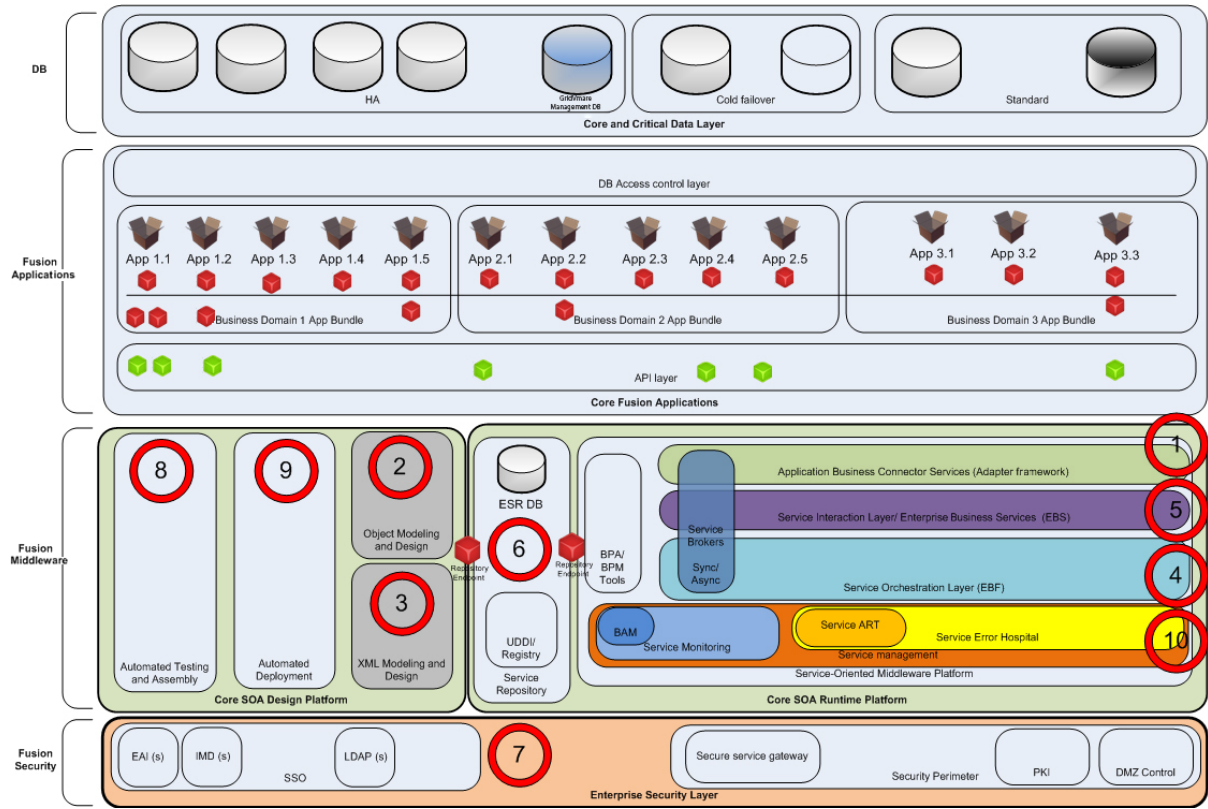


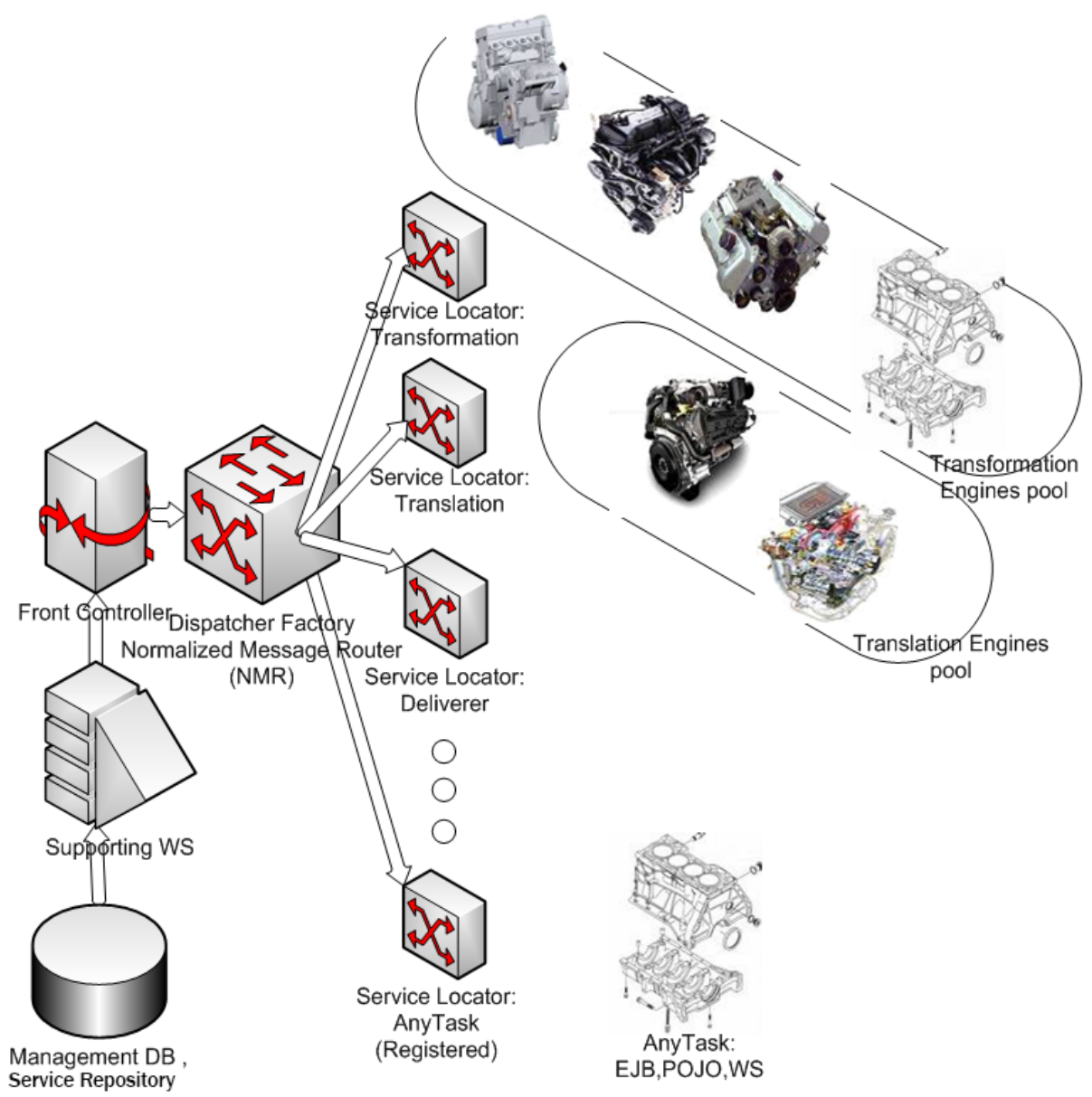


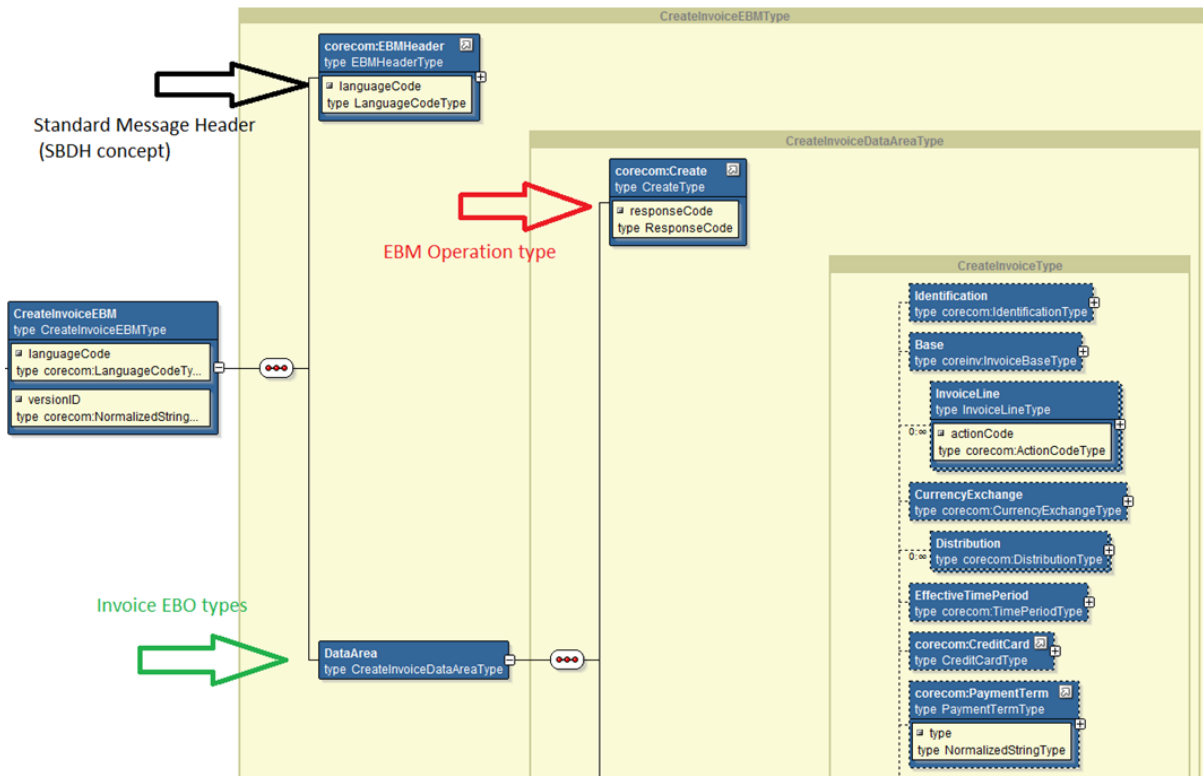
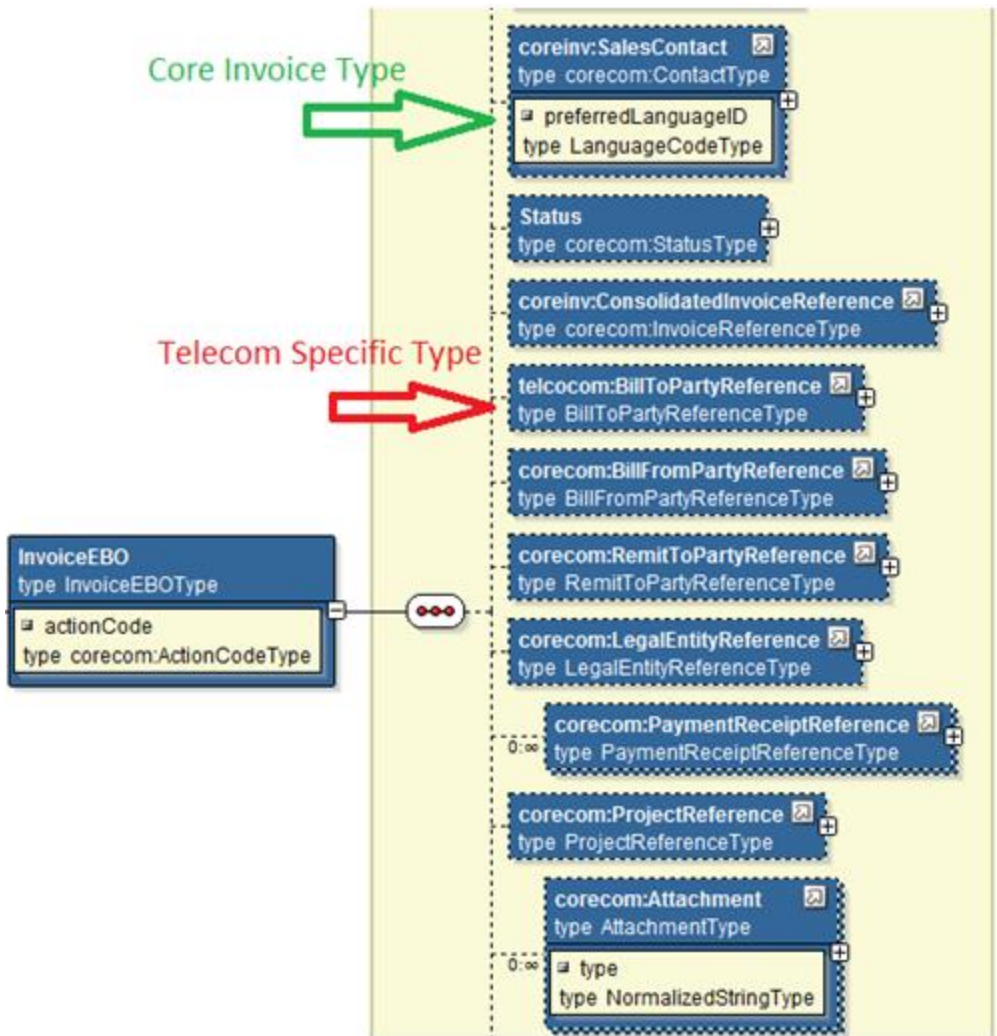


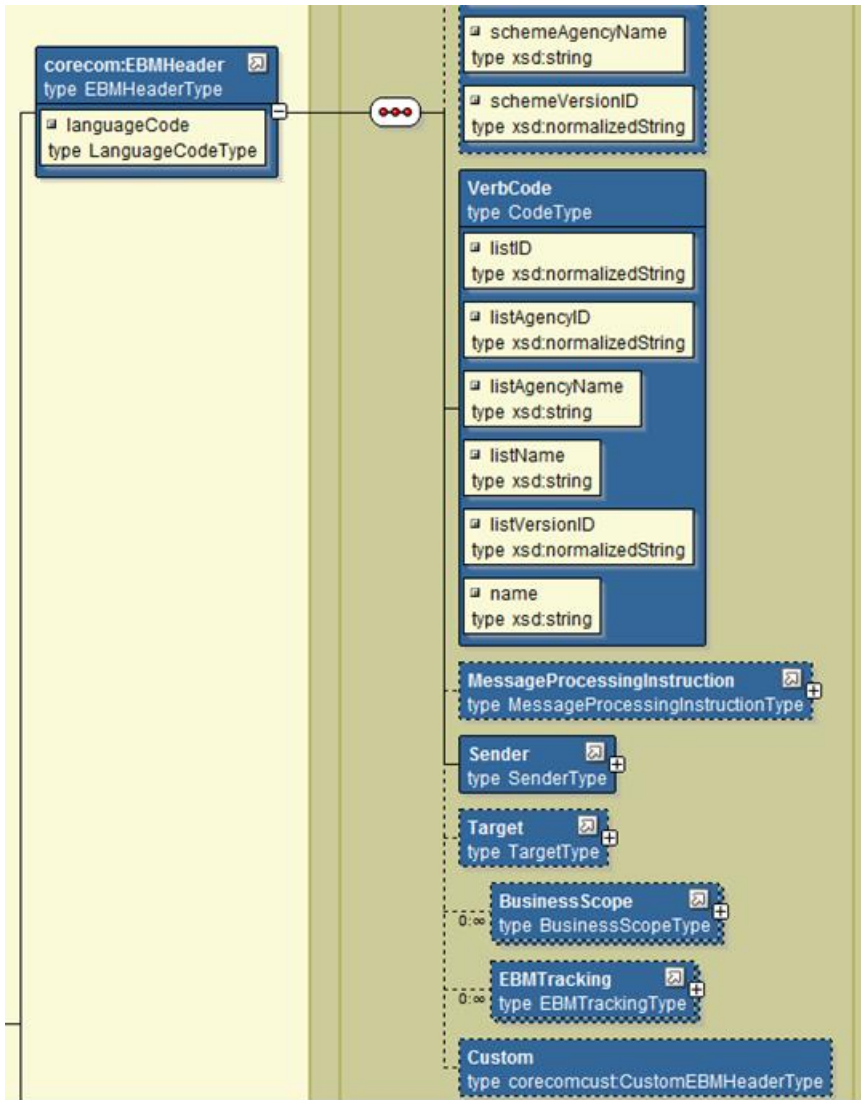


Chapter 2









x InvoiceEBS.wsdl x SalesOrderEBS.wsdl x AccountBalanceAdjustmentEBS.wsdl x SalesOrderEBM.xsd :

Search Document

message - QueryInvoiceListReqMsg

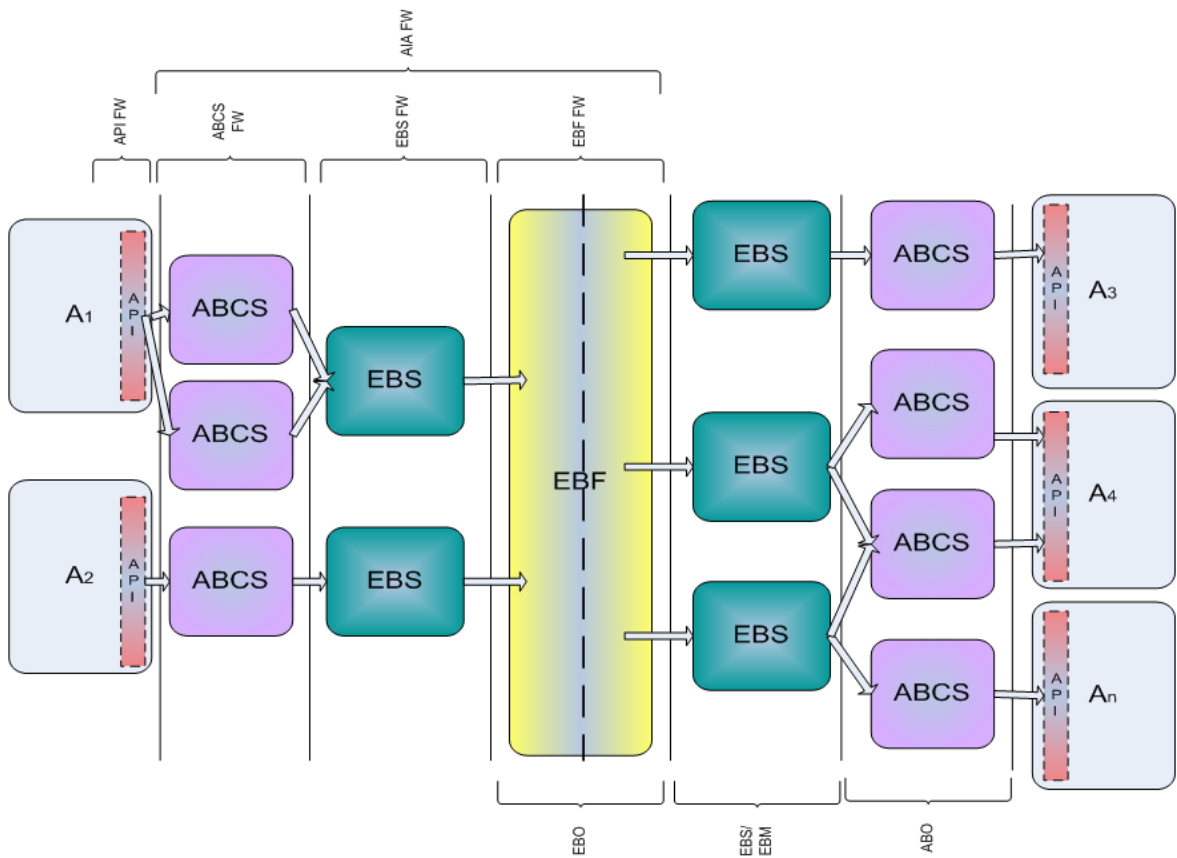
Imports Artifacts

Messages

- QueryInvoiceListReqMsg
 - documentation
 - part - invebm:QueryI...ryInvoiceListReqMsg
- QueryInvoiceListRespMsg
 - documentation
 - Message
 - Description
 - part - invebm:QueryI...ryInvoiceListRespMsg
- FaultMsg
 - documentation
 - part - corecom:Fault Fault

Port Types

- InvoiceInterface
 - documentation
 - Interface
 - QueryInvoiceList
 - documentation
 - input
 - QueryInvoiceListReqMsg
 - documentation
 - part - invebm:QueryI...ryInvoiceListReqMsg
 - output
 - QueryInvoiceListRespMsg
 - documentation
 - Message
 - part - invebm:QueryI...ryInvoiceListRespMsg
 - fault
 - FaultMsg



Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

- base_domain
 - Environment
 - Servers
 - Clusters
 - Virtual Hosts
 - Migratable Targets
 - Coherence Servers
 - Coherence Clusters
 - Machines
 - Work Managers
 - Startup and Shutdown Classes
 - Deployments
 - Services
 - Messaging

Settings for WorkManagerWeb

Overview | Deployment Plan | Configuration | Security | Targets | Control | Testing | **Monitoring** | Notes

Web Applications | Servlets | Sessions | PageFlows | **Workload** | Web Service Clients

Use this page to view statistics for the Work Managers, constraints, and policies that are configured for this Web application.

Customize this table

Work Managers

Name	Server	Pending Requests
default	AdminServer	0
myCustomWorkManager	AdminServer	0

```

e>
<17-Apr-2013 10:35:12 o'clock CEST> <Info> <Security> <BEA-090906> <Changing the
default Random Number Generator in RSA CryptoJ from ECDRBG to FIPS186PRNG. To d
isable this change, specify -dweblogic.security.allowCryptoJDefaultPRNG=true>
<17-Apr-2013 10:35:15 o'clock CEST> <Info> <Security> <BEA-090908> <Using default
WebLogic SSL Hostname Verifier implementation.>
<17-Apr-2013 10:35:15> <INFO> <Secure socket listener started on port 5556>
17-Apr-2013 10:35:15 weblogic.nodemanager.server.SSLListener run
INFO: Secure socket listener started on port 5556
  
```

Summary of Servers

localhost:7001/console/console.portal?_nfpb=true&_pageLabel=WLSServerControlTablePage

ORACLE WebLogic Server Administration Console

Home > Summary of Servers

Messages

✔ A request has been sent to the Node Manager to start the selected servers.

Summary of Servers

Configuration | **Control**

Use this page to change the state of the servers in this WebLogic Server domain. Control operations on Managed Servers require starting the Node Manager. Starting Managed Servers in Standby mode requires the domain-wide administration port.

Last Refreshed: Apr 17, 2013 5:25:49 PM

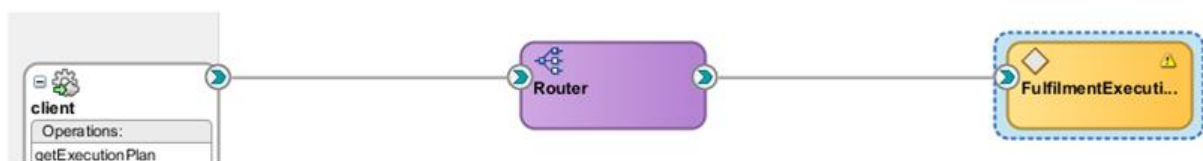
Customize this table

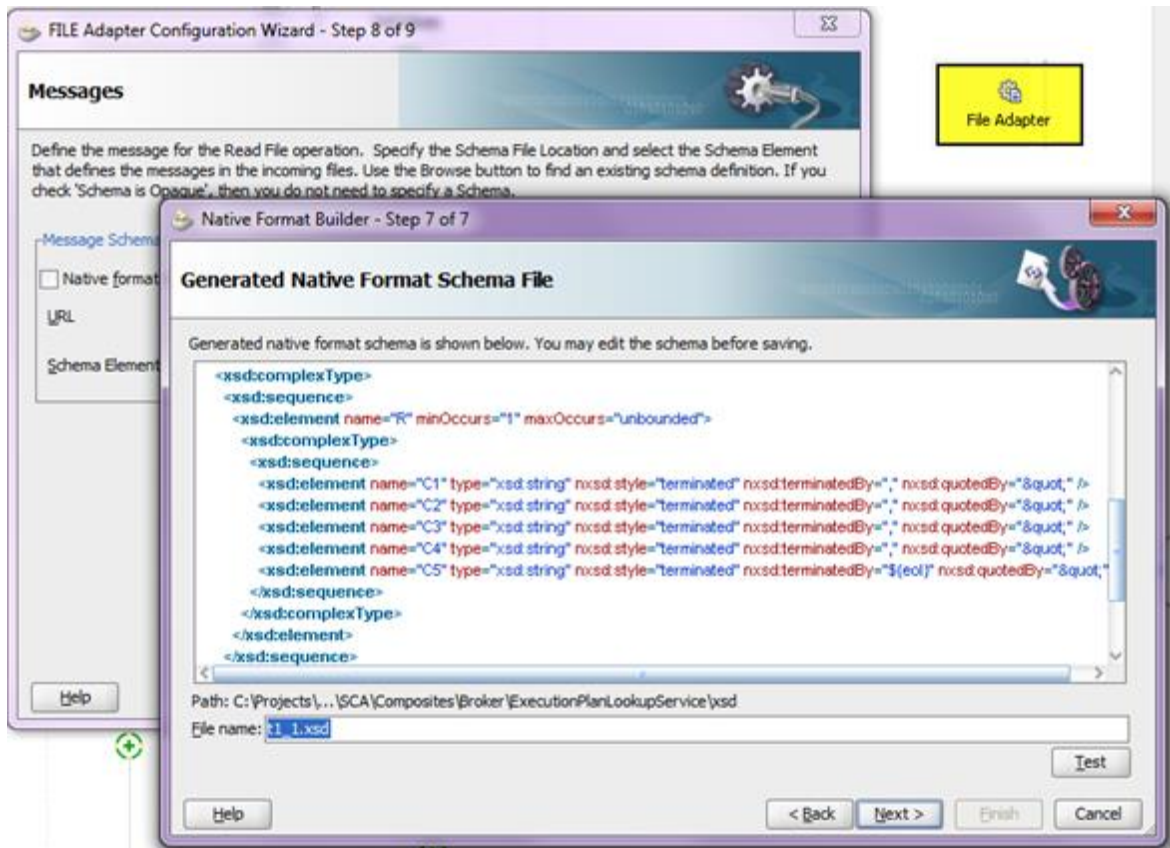
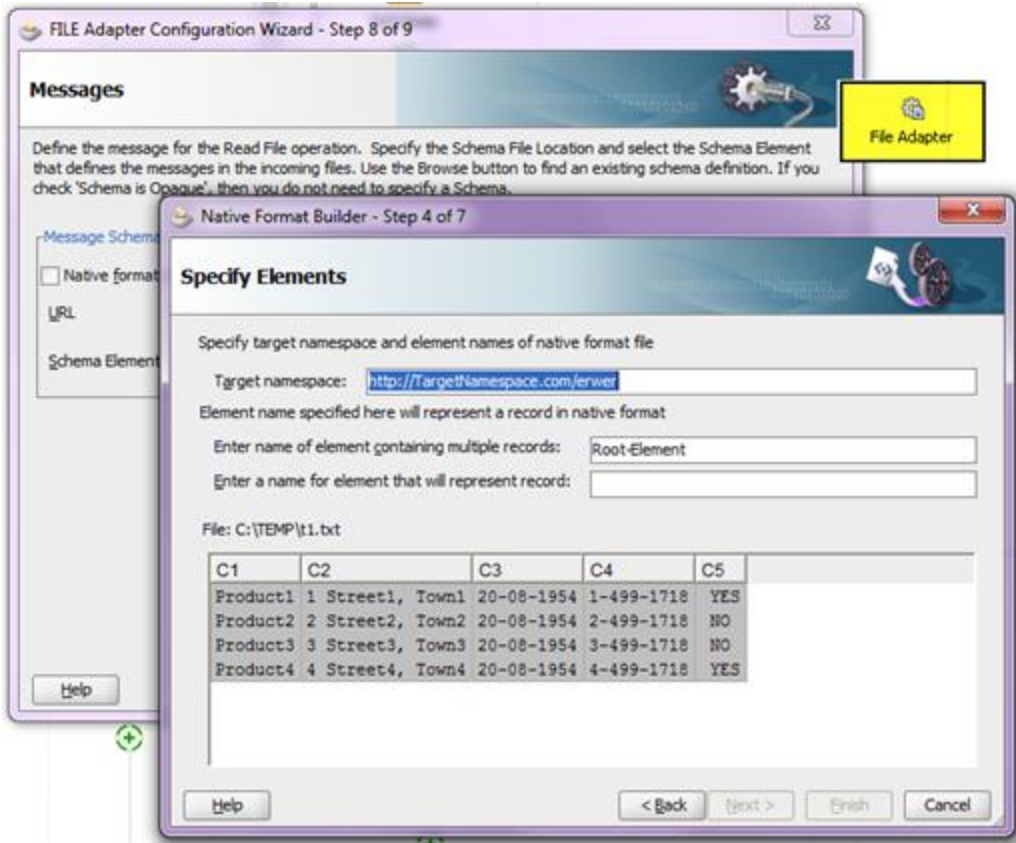
Servers (Filtered - More Columns Exist)

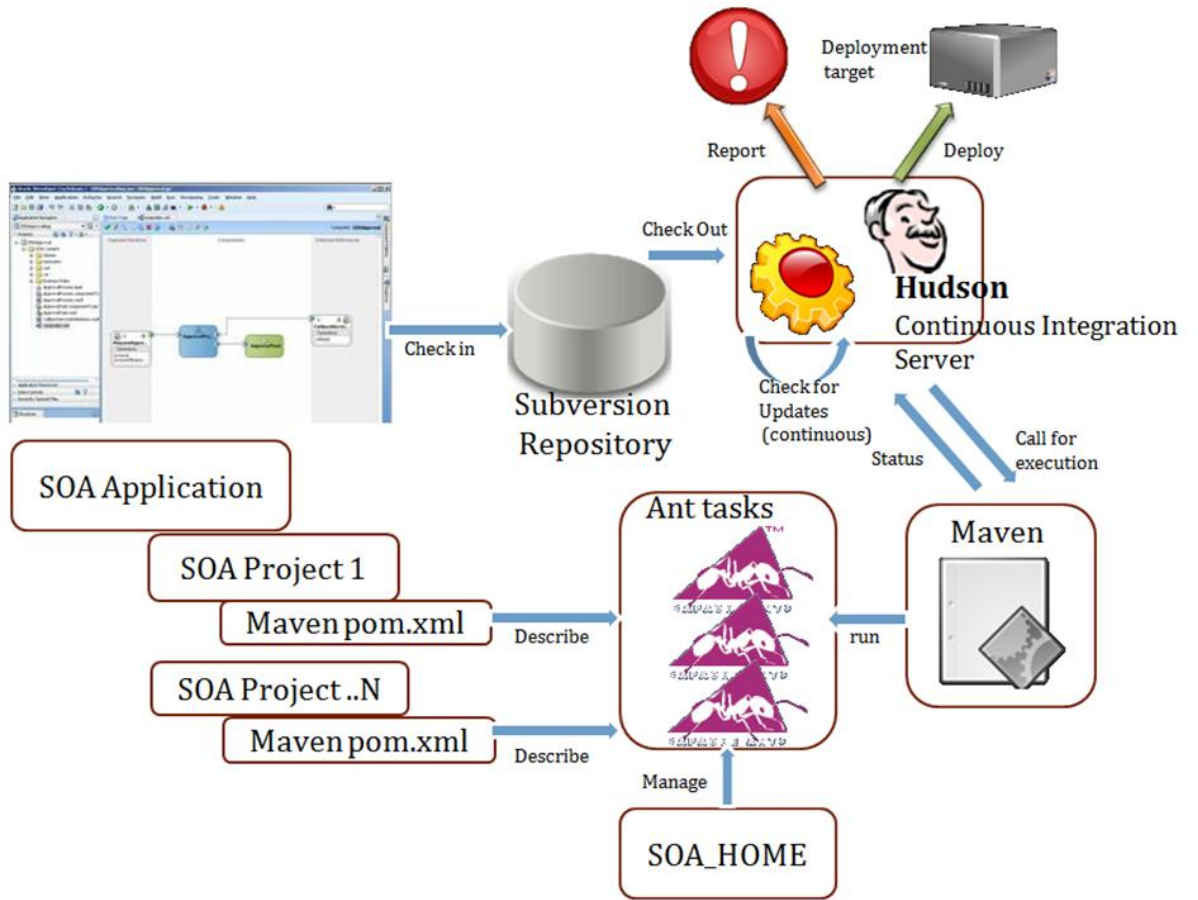
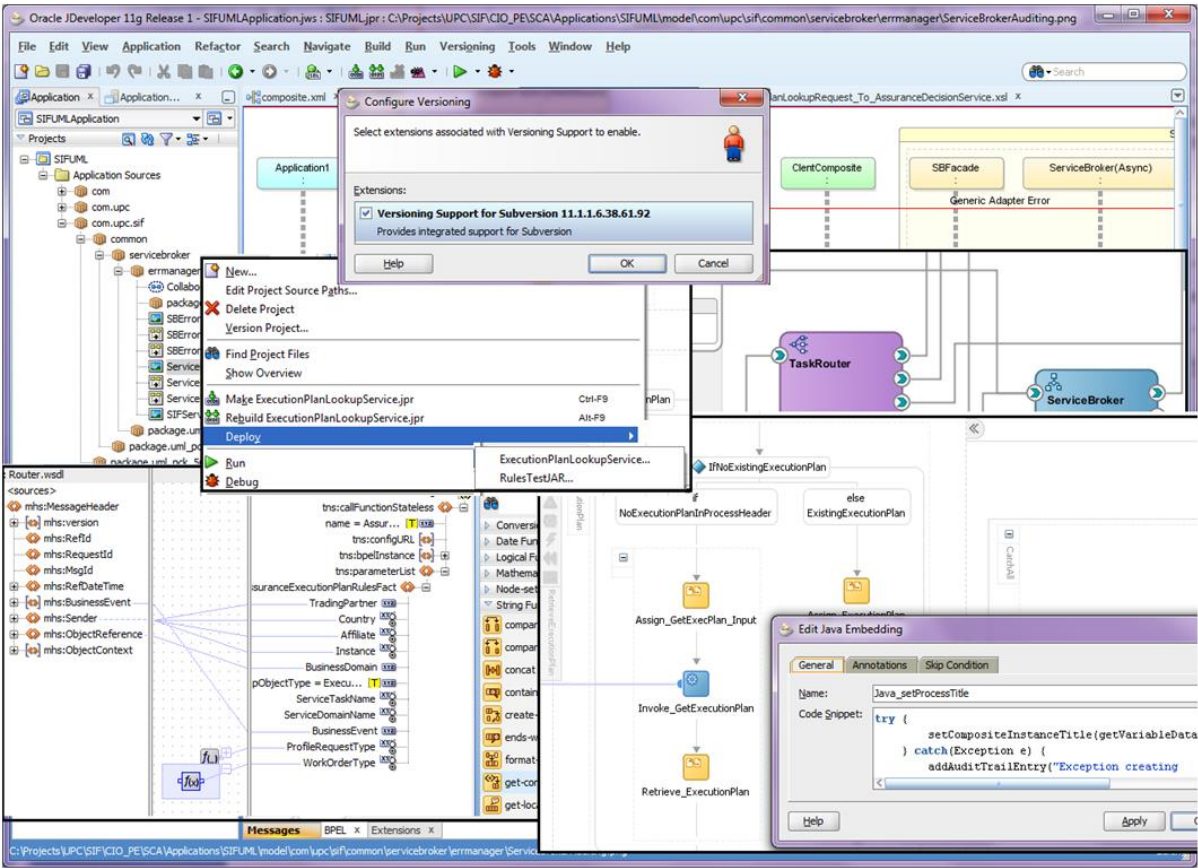
Start Resume Suspend Shutdown Restart SSL

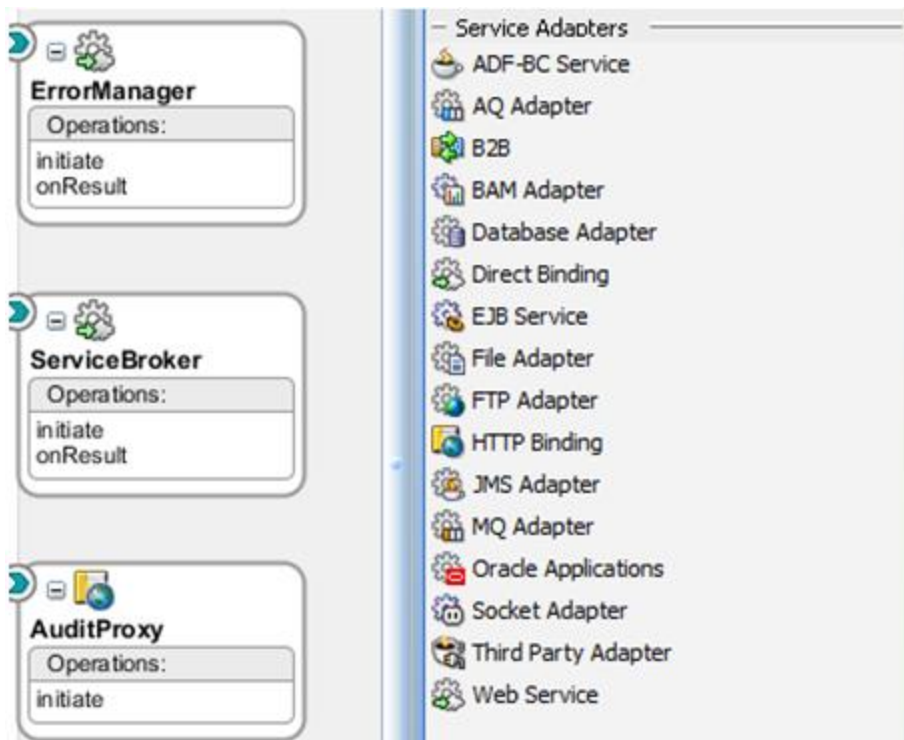
Server	Machine	State	Status of Last Action
AdminServer(admin)	LocalDev	RUNNING	None
bam_server 1	LocalDev	SHUTDOWN	None
osb_server 1	LocalDev	RUNNING	TASK COMPLETED
soa_server 1	LocalDev	SHUTDOWN	None

Start Resume Suspend Shutdown Restart SSL

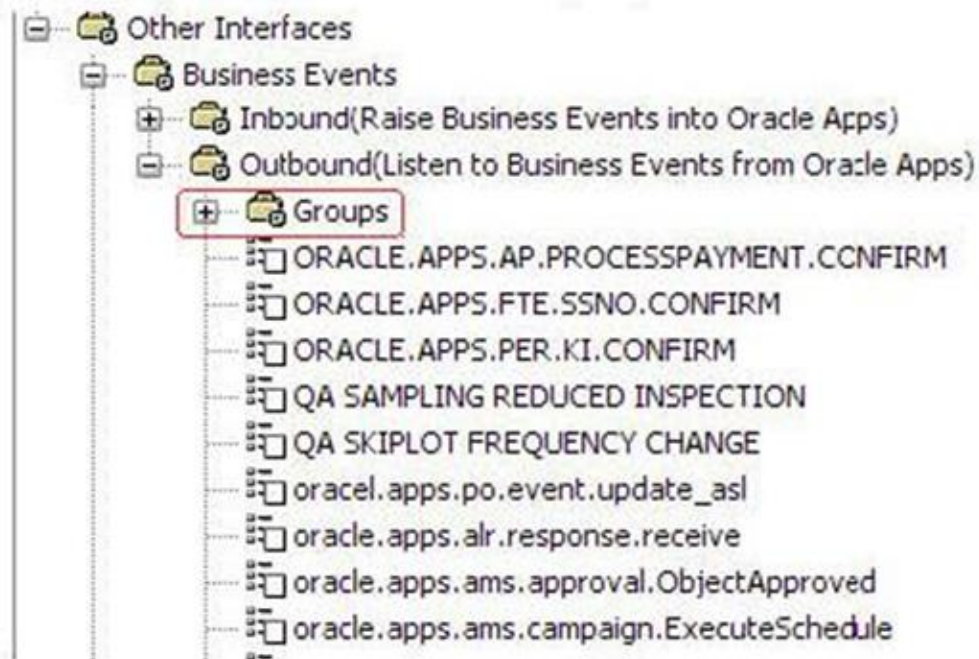








Clicking the **Other Interfaces > Business Events > Outbound > Groups** node displays the business event groups.



Transport Configuration

Configuration

Use this page to configure the transport information.

Protocol *

Load Balancing Algorithm

Endpoint URI *

Existing URIs

Retry Count

Retry Iteration Interval

Retry Application Errors Yes No

JMS Transport Configuration

Configuration

Use this page to configure protocol-dependent transport information.

Destination Type Queue Topic

Message Type Bytes Text

Response Queues None One for all Request URIs One per Request URI

Response Pattern JMSCorrelationID IMSMessageID

Message Handling Configuration

Configuration

Use this page to configure the message contents handling such as transaction.

Transaction Required Enabled

Same Transaction For Response Enabled

ORACLE Enterprise Repository
Repository Request | Help | About Oracle Enterprise Repository

Assets Projects My Stuff Reports Admin

Assets

Submit an Asset
Edit / Manage Assets

Search

Enter Search String

Type

Consumption Method

Registration Status

Asset Function

More Search Options

Search

Contract: Sample Contract - Account Detail (1.0)

Overview

Sample Contract - Account Detail (1.0)

Description:
THIS ASSET IS TO BE USED AS AN EXAMPLE. IT HAS BEEN POPULATED WITH SAMPLE METADATA. ALL FILES AND METADATA ARE TO BE USED FOR TRAINING PURPOSES ONLY.

This is a standard agreement that consumers can use to request access to a specified service endpoint from the provider. FOR THIS EXAMPLE, THE STEPS FOR PROVIDERS AND CONSUMERS HAVE ALREADY BEEN PERFORMED.

This contract represents the agreement between Your Company (consumer) and Oracle (provider) for access to the Account Detail Web Service.

Registration Status: Registered
Monthly Service Charge (\$): 5000.00
Project Purpose: This contract outlines the terms under which the consumer may access the services of the provider.
Consumer Sponsor(s): Consumer Executive: Sanjay Z. Gupta
Provider Sponsor(s): Provider Executive: John Q. Smith

Roles & Responsibilities:

Role	Responsibility
Carol V. Harris	Primary consumer contact
Fred W. Stanley	Primary Service Provider contact

Taxonomy

Support

Vendor/Provider: Oracle

Reviews

No Reviews Posted
[Submit A Review](#)

Client Approval

Client agrees to the terms defined in the contract: yes

Service Provider Approval

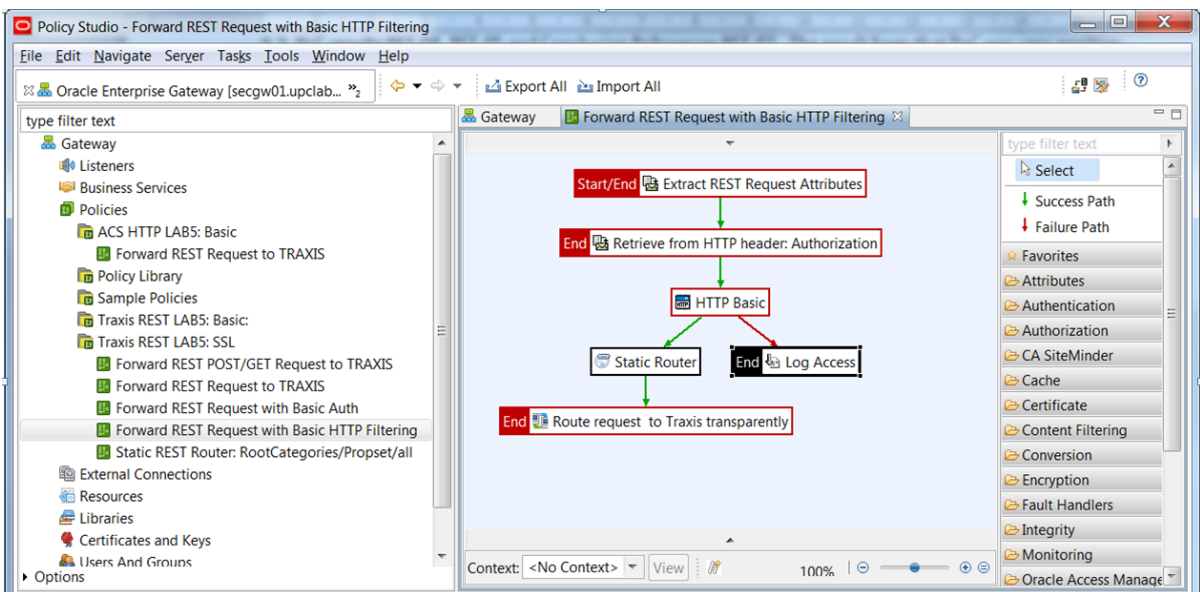
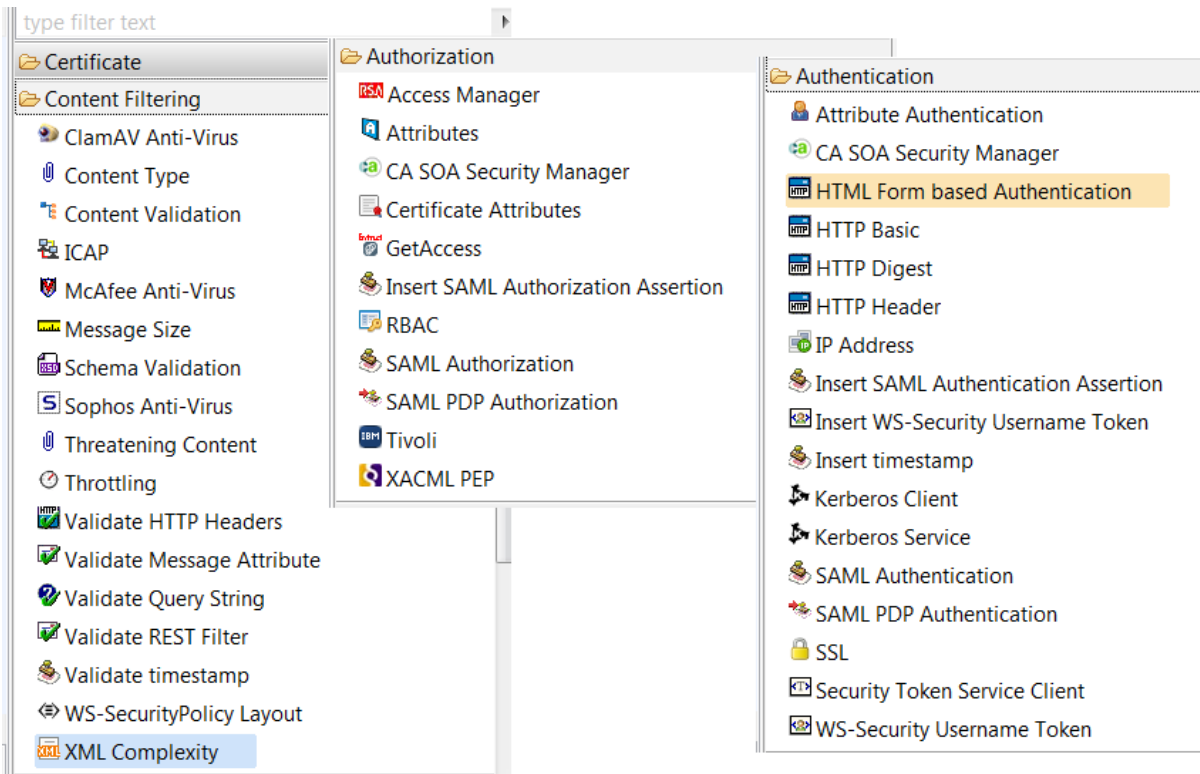
Service provider agrees to the terms defined in the contract: yes

Miscellaneous

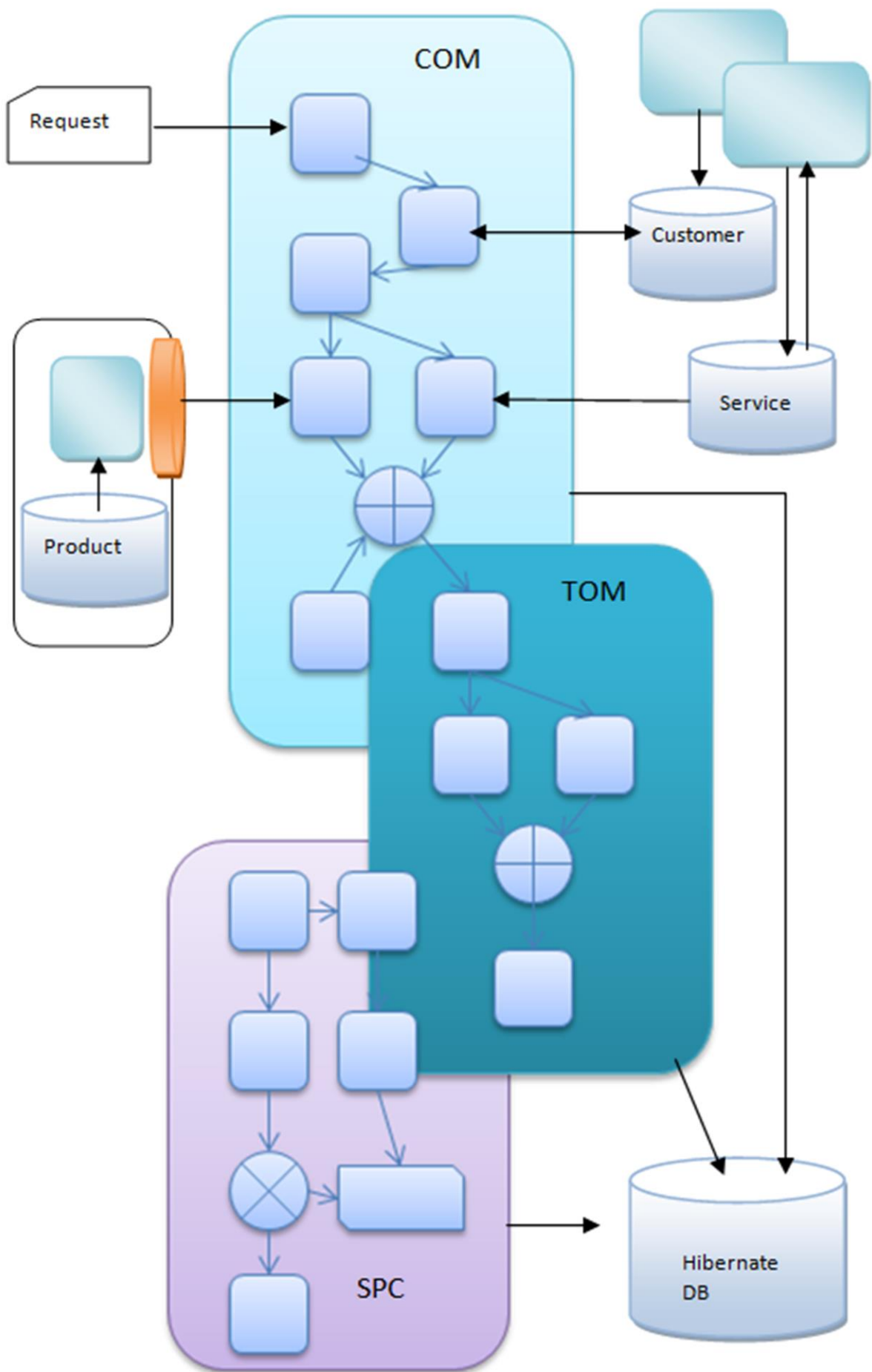
Author: [Author 2]
Notification Email:
fred.w.smith@provider.com
Organizational Ownership: Corporate Alliances

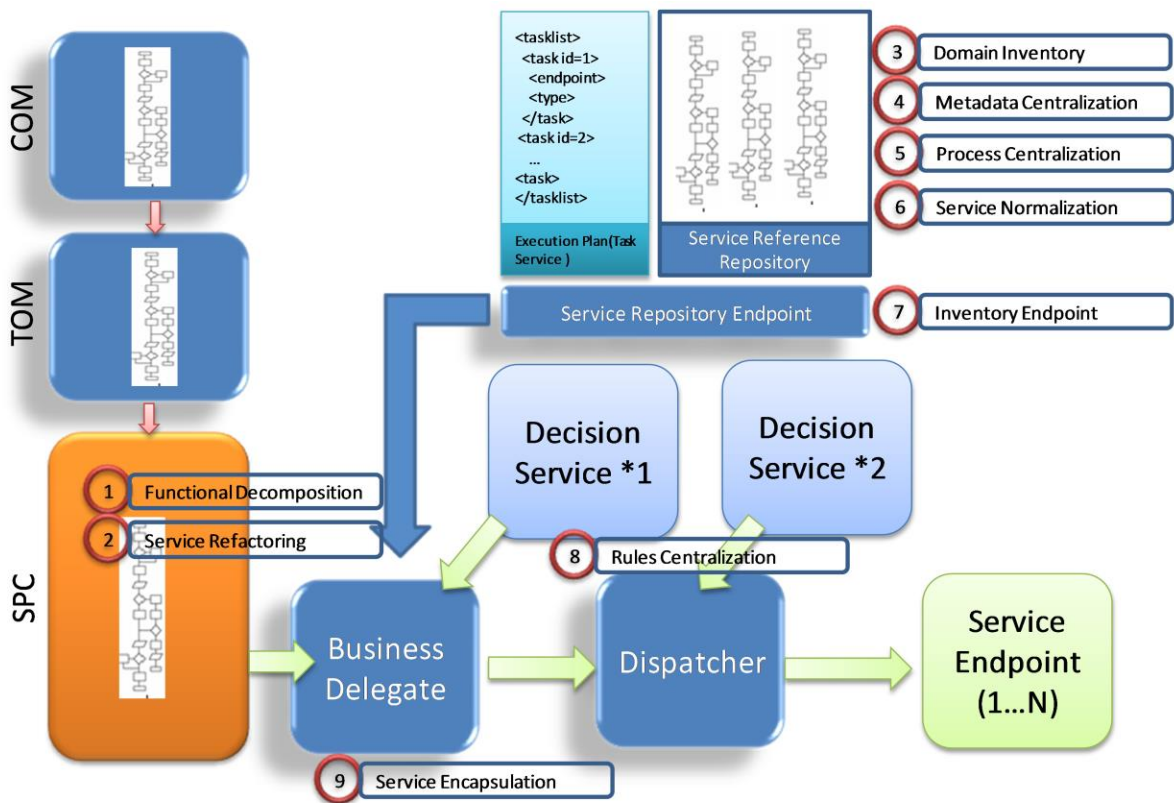
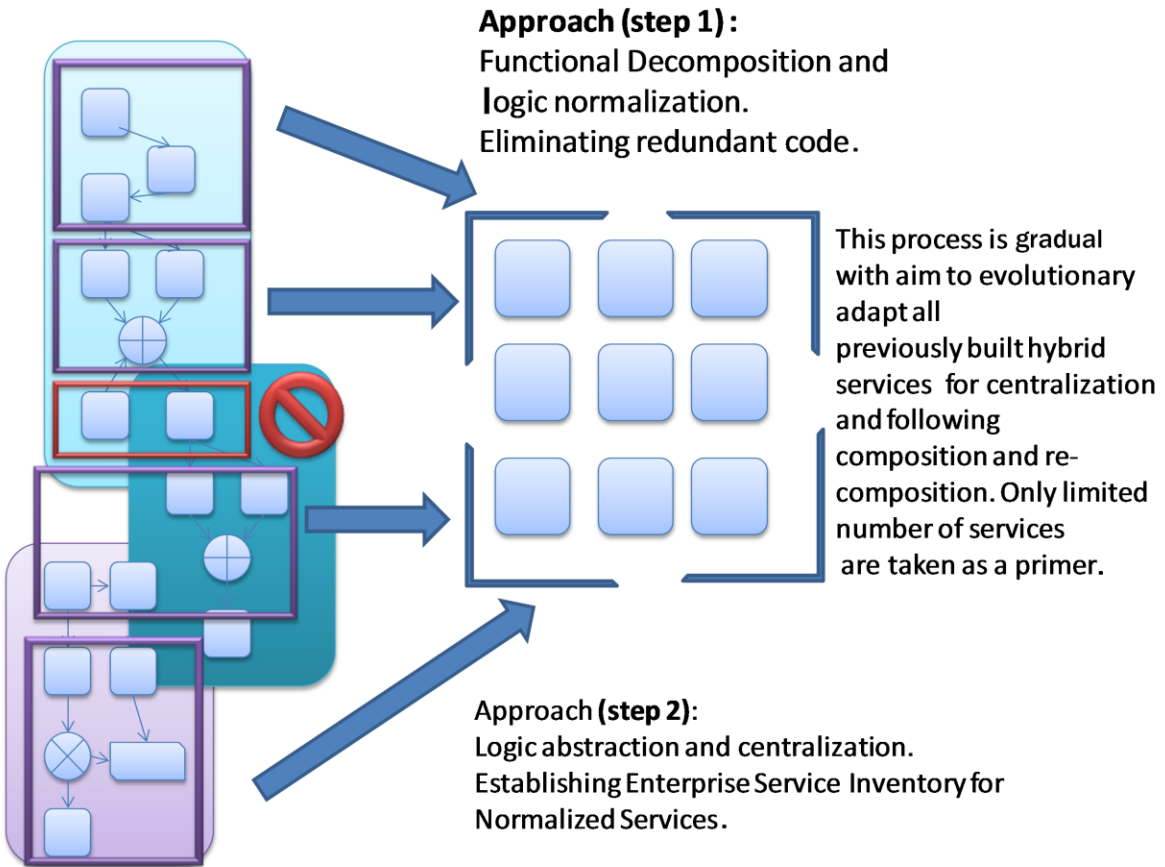
Copyright © 2006, 2011, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

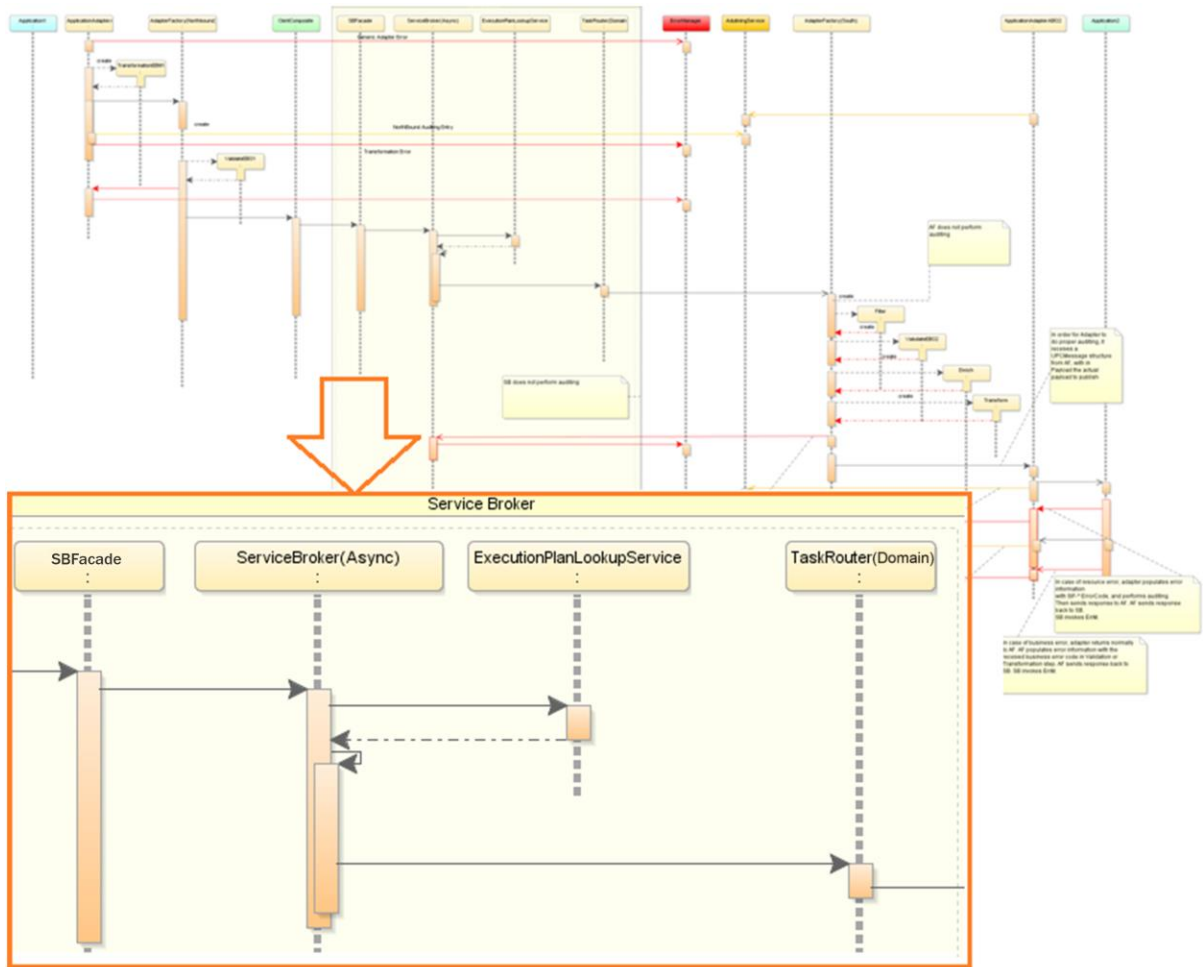
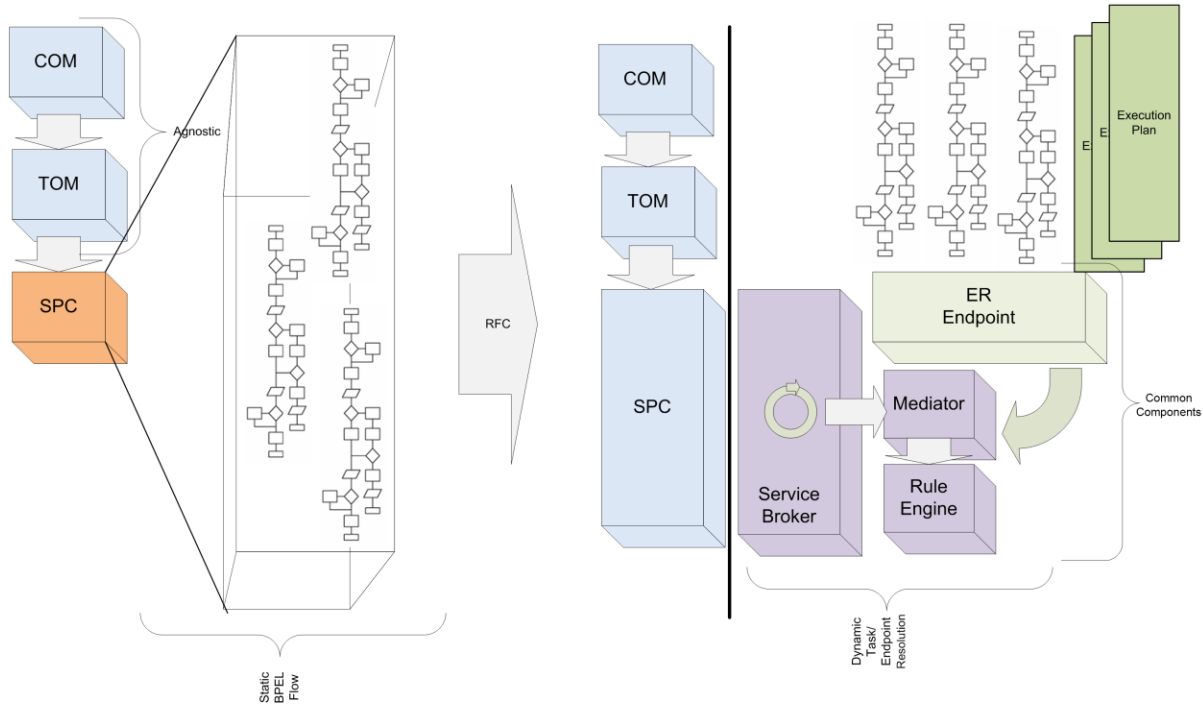
You are logged in as Admin, Repository. [Logout](#)

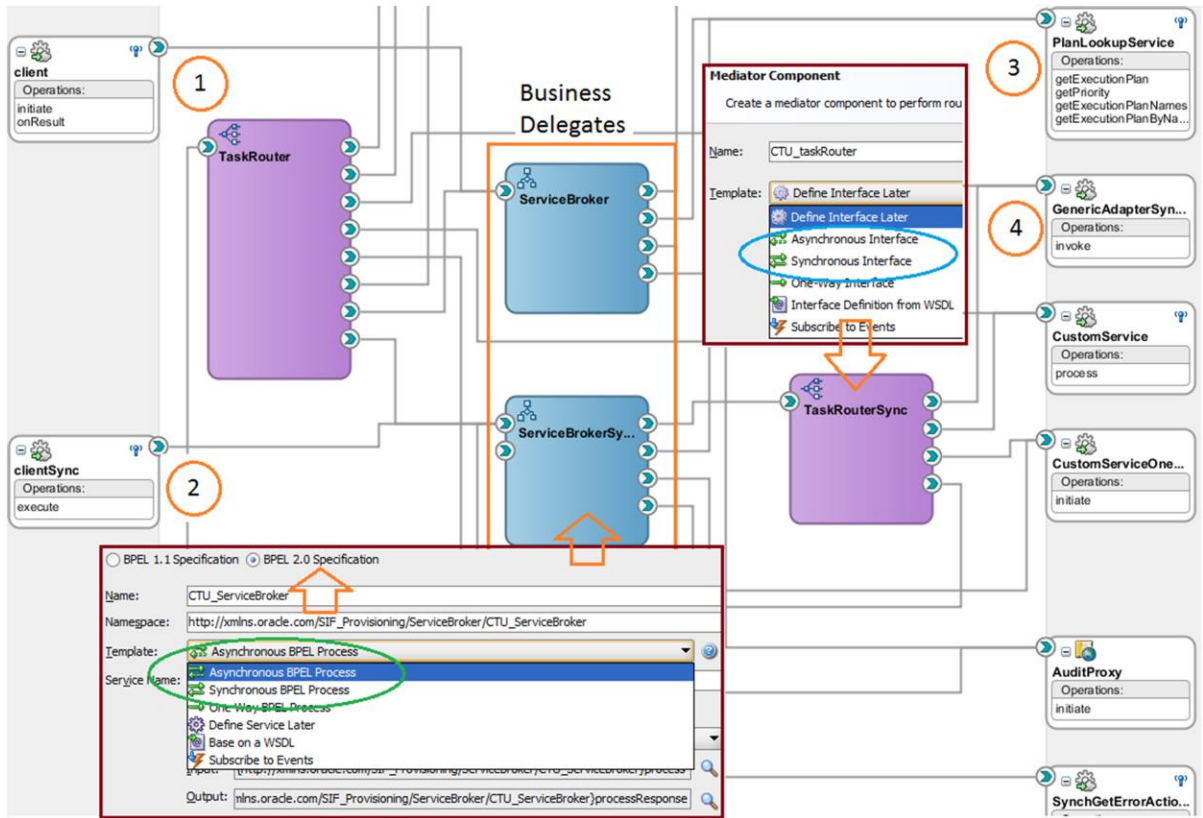


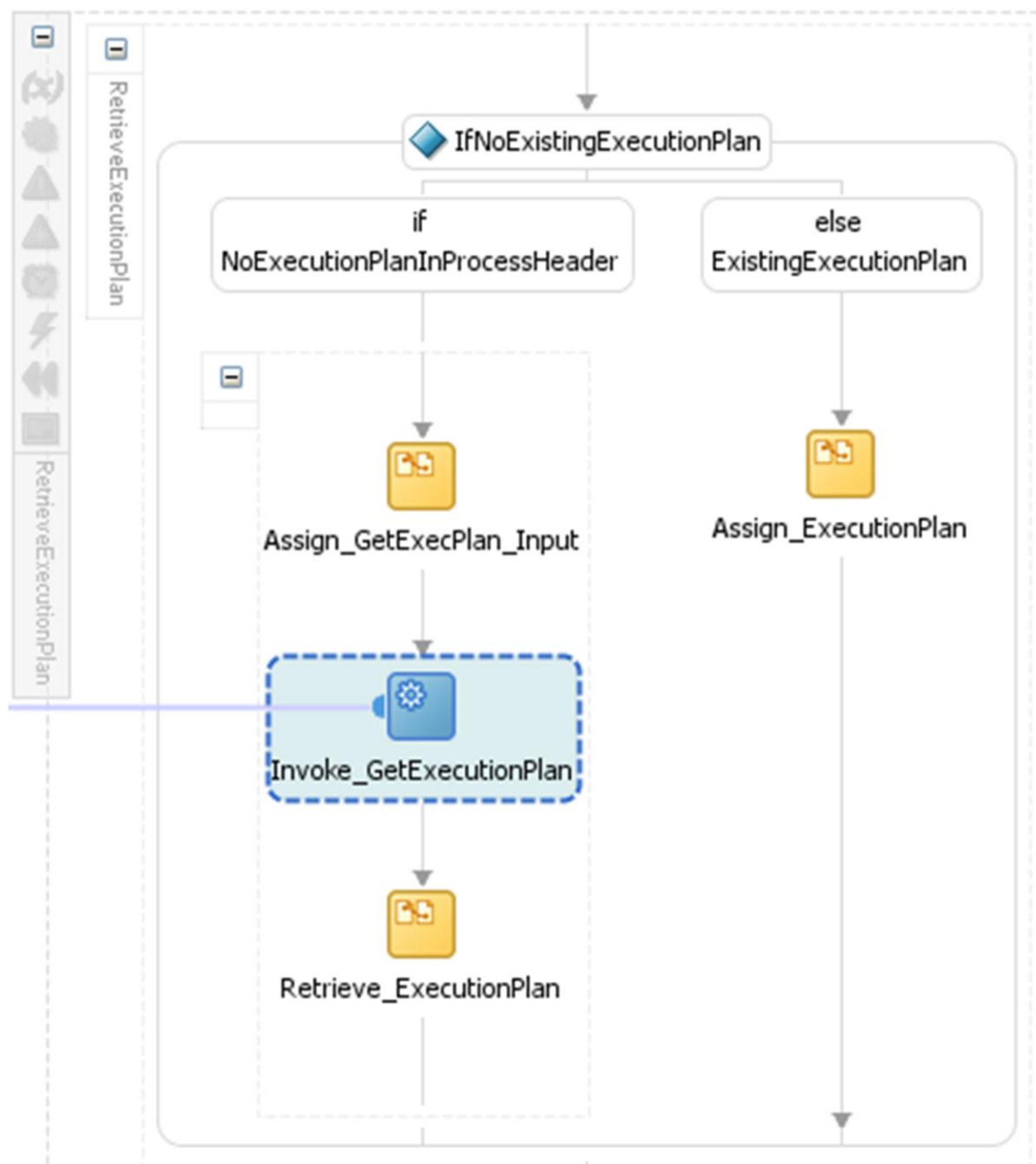
Chapter 3

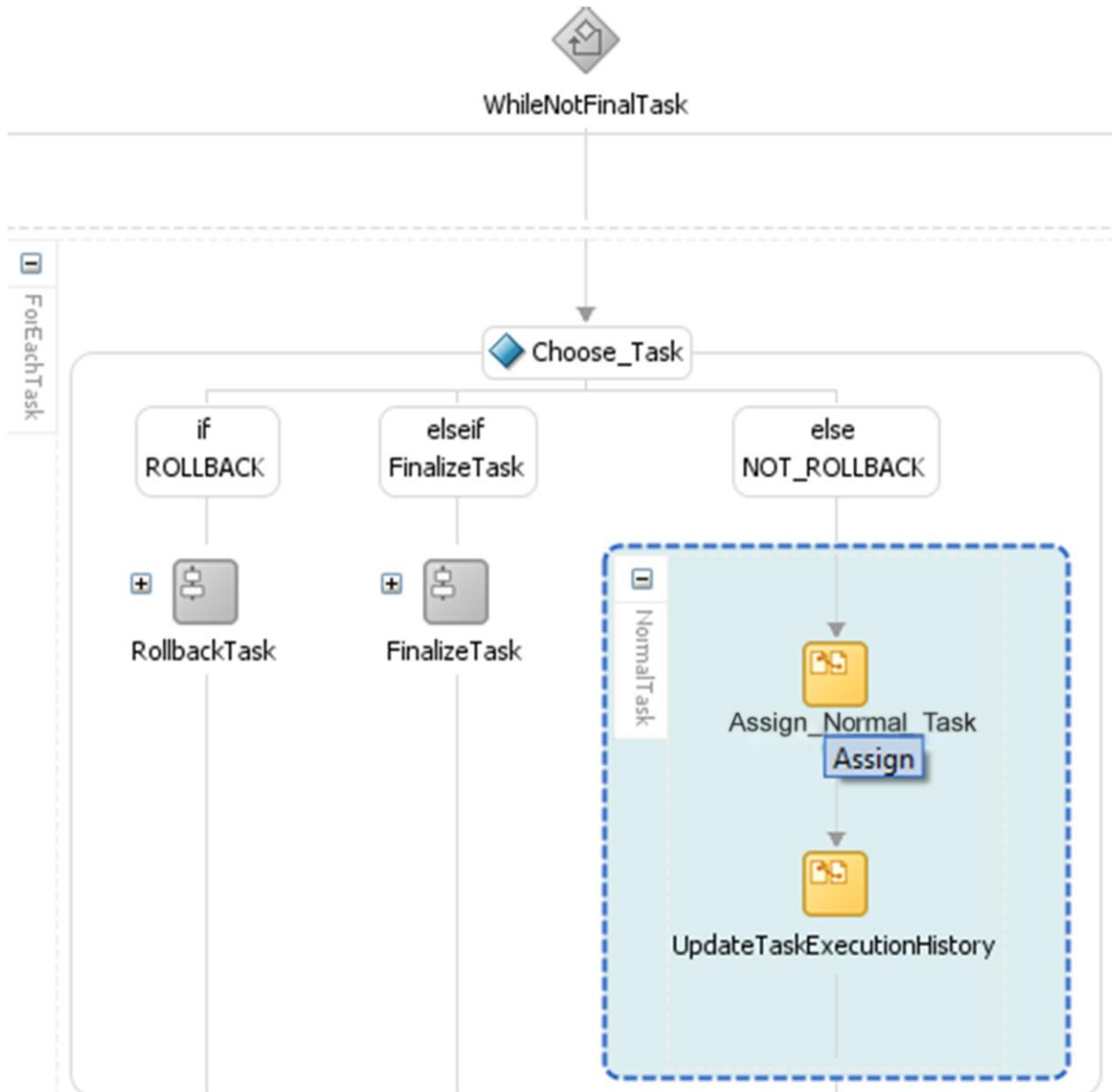






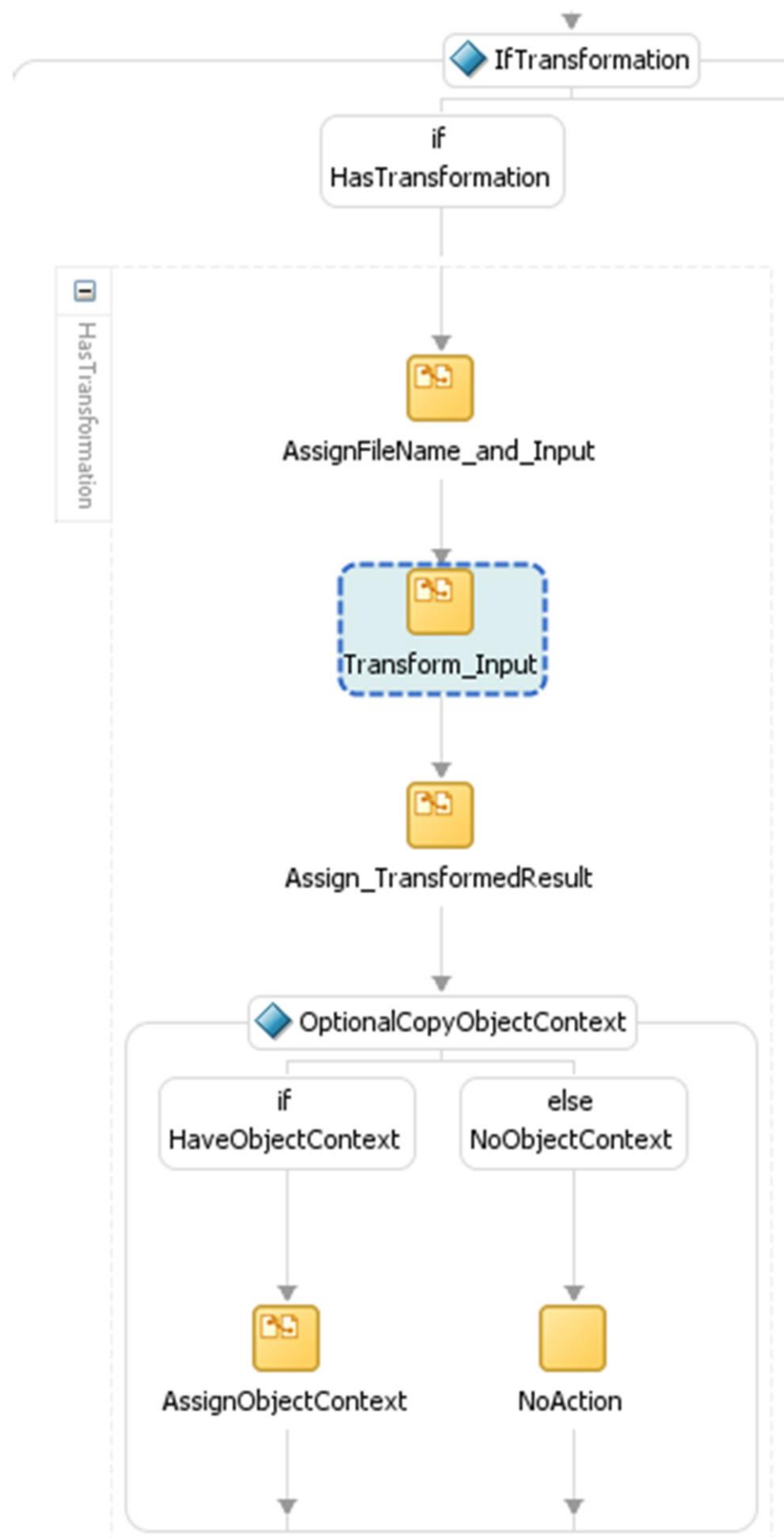


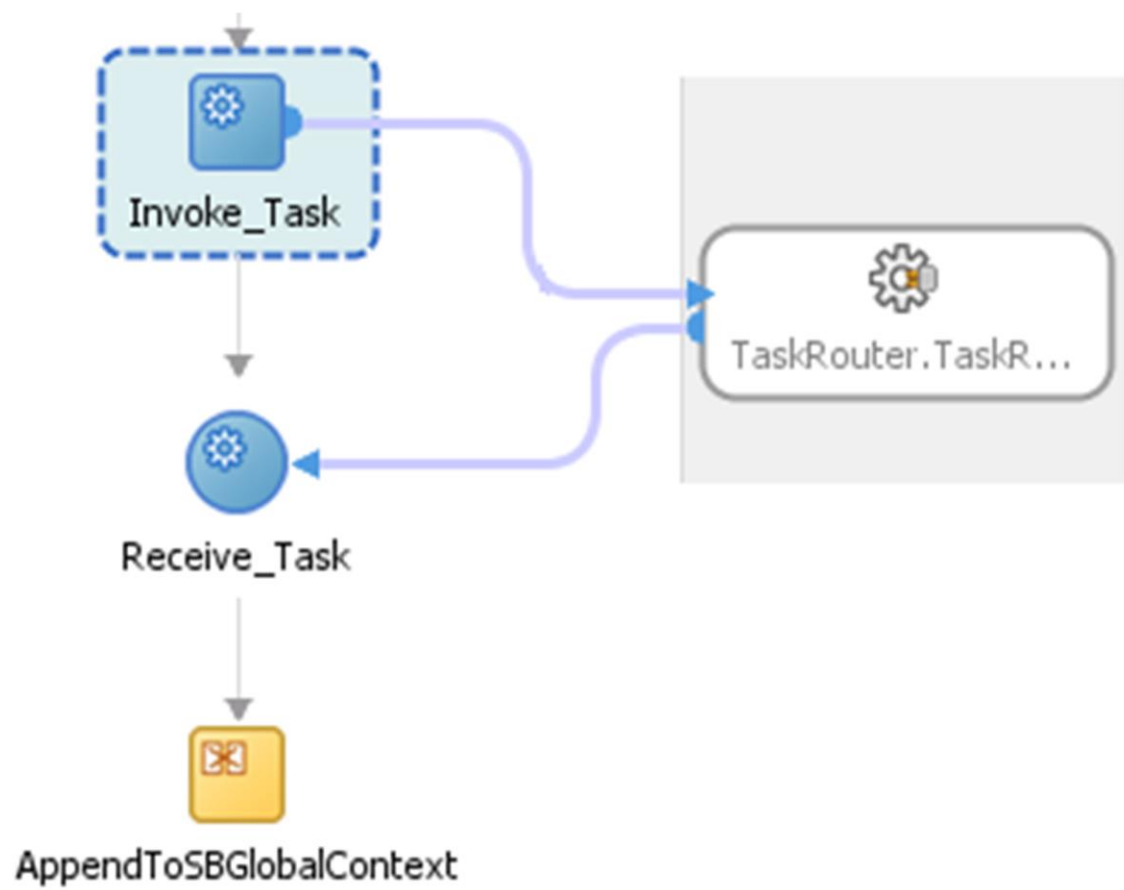


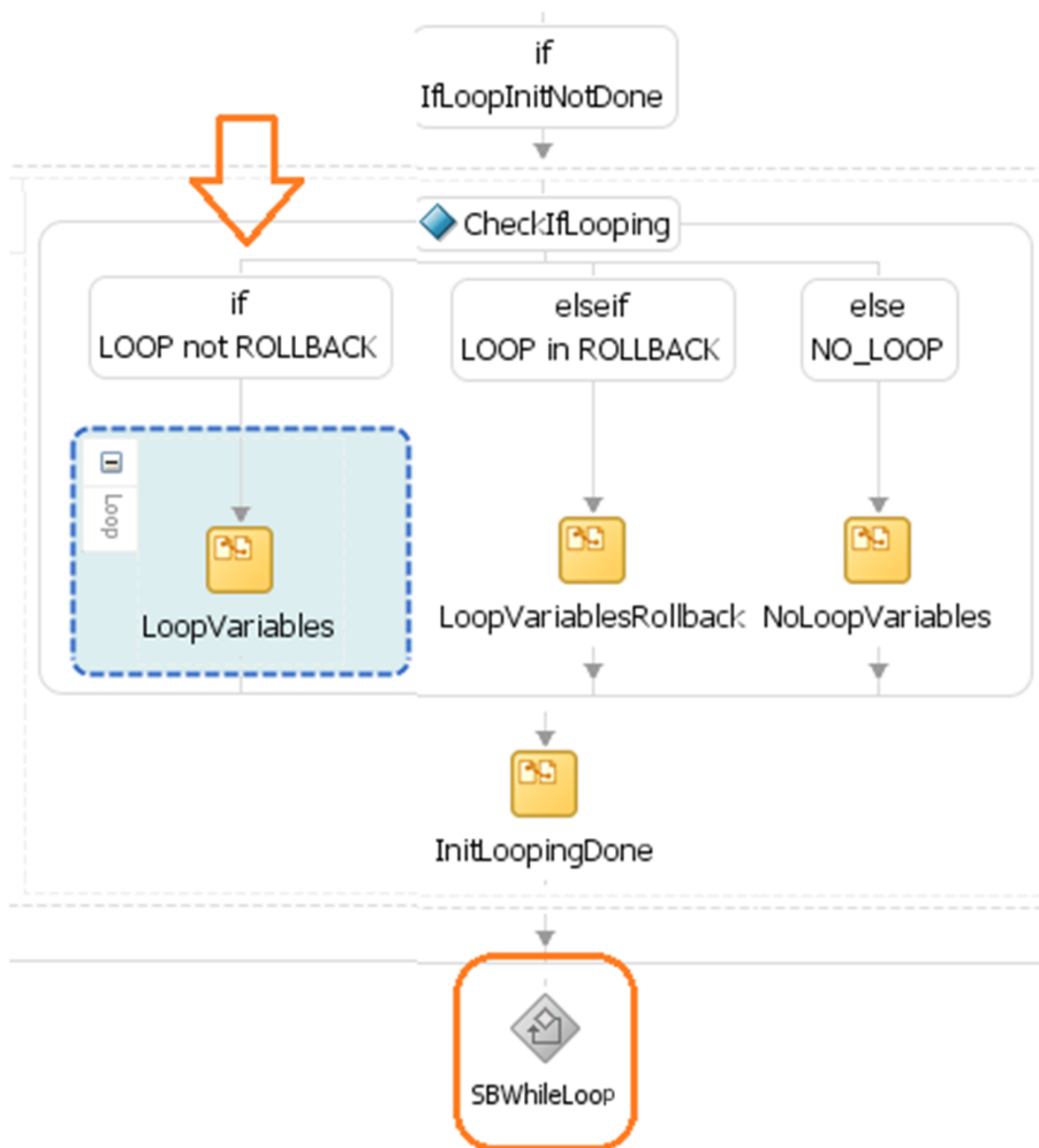


ns15:Version string
 ns15:Name string
 ns15:ProcessTrackingLevel <anonymous>
 ns15:taskList <anonymous>
 action : string
 ns15:task taskType

From	To
<code>\$executionPlan/ns15:Name</code>	<code>\$currentTask/ns15:Name</code>
<code>\$executionPlan/ns2:taskList/ns2:task[not(@event)][position()=\$task_counter]</code>	<code>\$currentTask/ns2:taskList/ns2:task</code>







The screenshot displays a mediation engine configuration window titled "execute". On the left, a tree view shows the message structure with nodes like "ns7:CTUMessage", "ns5:taskList", and "ns5:task". The "mep" node is circled in orange. The main area shows a "Static Routing" section with several rules. A dynamic routing rule is highlighted with a blue background and contains the following condition:

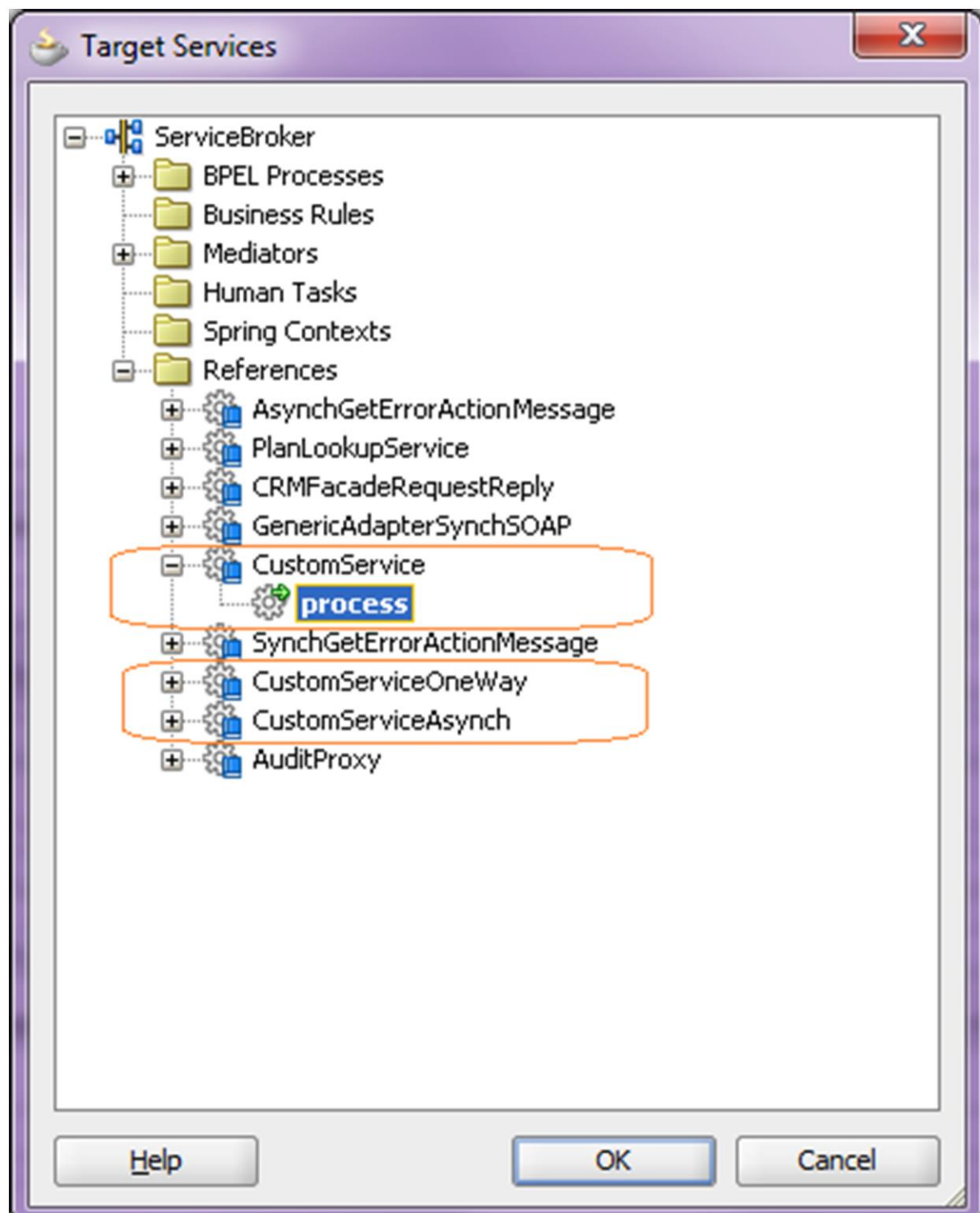
```
$in.request/ns7:CTUMessage/ns2:ProcessHeader/ns2:ExecutionPlan/ns2:taskList/ns2:task/ns2:invoke/@mep='async'  
and string-length($in.request/ns7:CTUMessage/ns2:ProcessHeader/ns2:ExecutionPlan/ns2:taskList/ns2:task/ns2:invoke/  
> 0
```

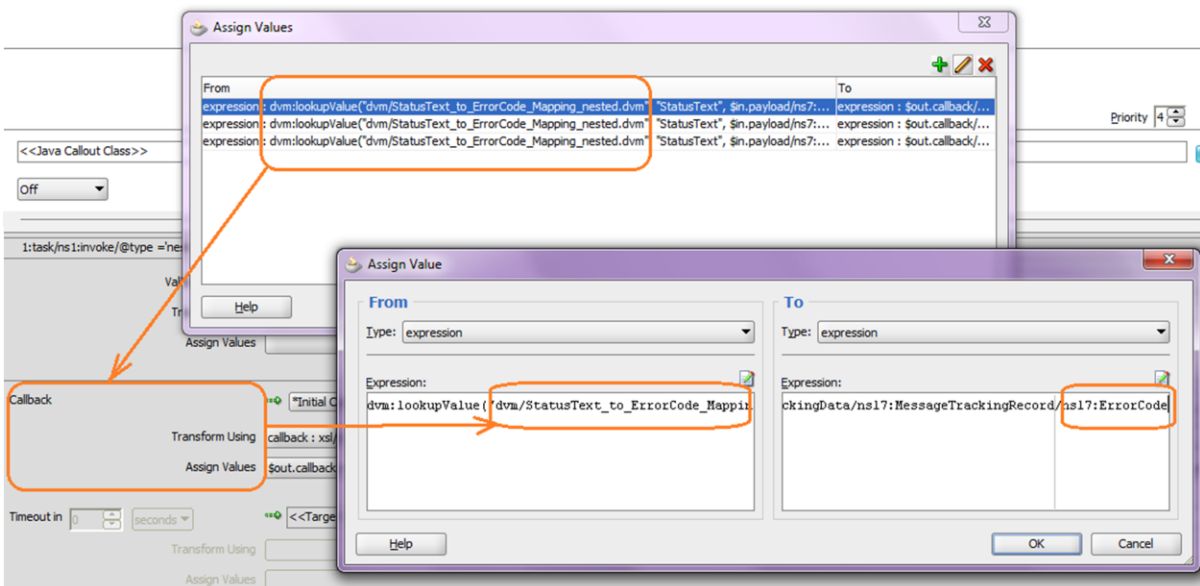
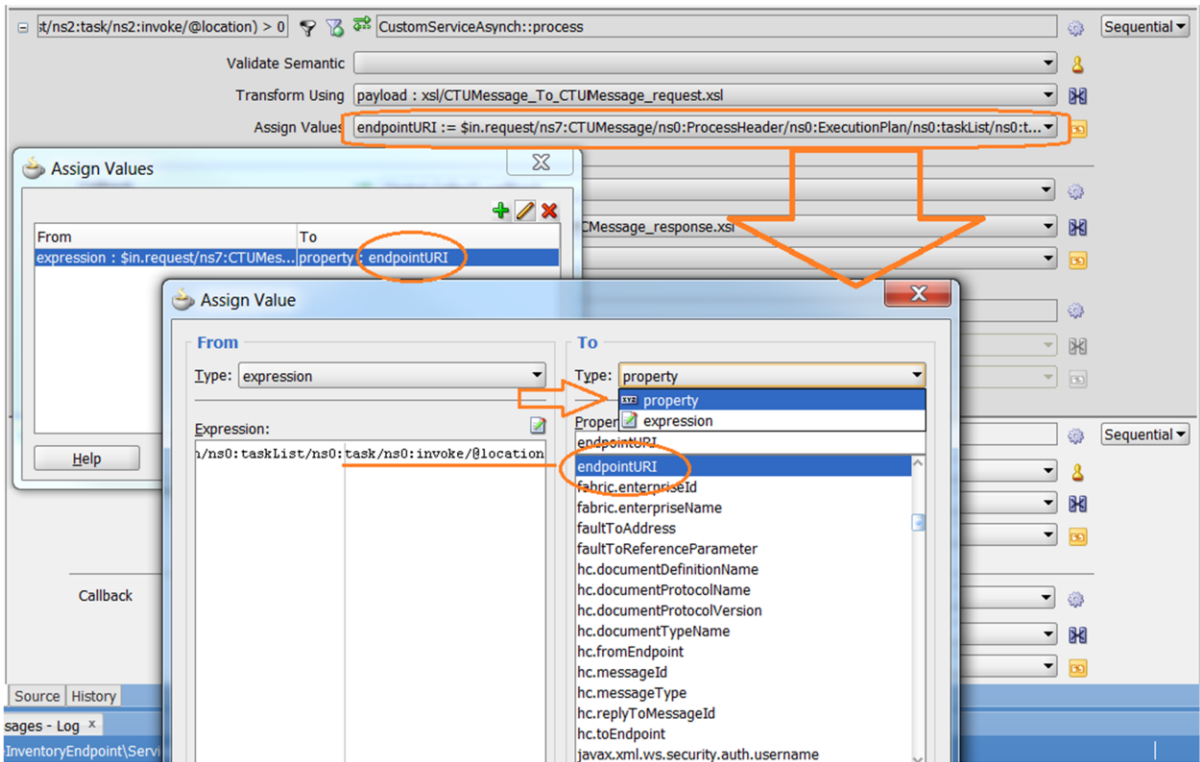
The "mep='async'" part of the condition is also circled in orange. Below the condition, the rule is labeled "Default Routing Rule" and has a target type of "Initial Caller::callback".

Two dialog boxes are open:

- Target Type:** A dialog with a question mark icon and the text: "Should this routing rule invoke a service, trigger an event, or echo a response back to the initial caller?". It has buttons for "Service", "Event", "Echo", and "Cancel".
- Routing Not Supported:** A dialog with a red 'X' icon and the text: "The mediator does not support static and dynamic routings for the same operation. Please delete any static routing rules before creating a dynamic routing." It has an "OK" button.

At the top right, a control panel shows "Priority" set to 4, a "Validate Syntax (XSD)" checkbox, and other icons.





client

Operations:

- getExecutionPlan
- getPriorityServiceGroup
- getServiceLineData
- getExecutionPlanNames
- getExecutionPlanByNa...

OneFusionTest_RuleSet View: ExecutionPlan_DecisionTable

Active Effective Date: Always Valid

Description:

ExecutionPlan_DecisionTable

<insert test>

C3 R10 "changeMobileSubscriberW10_JMS" OrderStatus_LOV

Conditions	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12
C1 ExecutionPlanRulesFactType.country								"DL"				
C2 ExecutionPlanRulesFactType.instance								"DL"				
C3 ExecutionPlanRulesFactType.businessEvent	otherwise				"SGTest"				LoadTe...			
C4 ExecutionPlanRulesFactType.actionType			"ADD"			"ADD", "C..."	"DROP"	"CHANGE..."				
C5 ExecutionPlanRulesFactType.productType		"JP"	"VAS"	"STATICIP"	"MOBILE"	"VOIP"	"MOBILE"	"MOBILE"				

Conflict Resolution

Actions

A1 assert new RulesOutputFactType(

- URL:String
- priority:Integer
- serviceGroupId:org
- dynamicPlanMode:integer

Options

- ExecutionPlanRulesFactType
- RulesOutputFactType

changeMobileSubscriberW10_JMS

Specify Value as Don't Care

otherwise

- UpdateServiceLineStatusEvent
- UpdateOrderStatusEvent
- UpdateProductLineStatusEvent
- UpdateOfferStatusEvent
- "SGTest"
- "LoadTest_Sym"
- "changeMobileSubscriberW10..."
- "UpdateOrderStatus"
- "changeMobileSubscriberWalle..."
- "changeMobileSubscriberWalle..."
- "changeMobileTwoOrders"

OK Cancel

Static Routing

<<Filter Expression>>

FusionTestExecutionPlanRules/FusionTestExecutionPlanRules_FusionTestDecisionFunction::callFunctionStateless

Validate Semantic

Transform Using payload : xsl/executionPlanLookupRequest_To_FusionTestDecisionService.xsl

Assign Values testfwk.testRunName := med:setCompositeInstanceTitle(concat(\$in.request/mhs:MessageHeader/mhs:Sender/mhs:Instance,',', \$in.request/mhs:Mes...

Synchronous Reply

Initial Caller:getExecutionPlan:output

Transform Using reply : xsl/FusionTestDecisionService_To_executionPlanLookupResponse.xsl

Assign Values \$out.reply/phs:ExecutionPlan/phs:Name := substring-before(\$in.payload/tns:callFunctionStatelessDecision/tns:resultList/ns1:RulesOutputFact/@URL,'...'

Faults

Fault operationErroredFault

Initial Caller:operationErroredFault

Transform Using payload : xsl/errorInfo_To_errorInfo.xsl

Assign Values

Function tns:callFunctionStateless

name = FU... [1] [398]

tns:configURL [4]

tns:bpelInstance [4]

tns:parameterList [4]

Fact ns4:FulfillmentExecutionPlanRulesFact

SenderCode [398]

Country [398]

Affiliate [398]

Instance [398]

BusinessDomain [398]

LookupObjectType = Execu... [1] [398]

ServiceTaskName = <Empty> [1] [398]

ServiceDomainName = <Empty> [1] [398]

BusinessEvent [398]

Projects

- ErrorManager
- ErrorManagerSync
- ExecutionPlanLookupService
- SOA Content
 - testsuites
 - xsd
 - xsl
 - Business Rules
 - build.properties
 - build.xml
 - composite.xml
 - PlanLookupRouter.compc
 - PlanLookupRouter.mplan
 - QueryServiceCatalog.bpe

<sources>

- tns:callFunctionStatelessDecision
- tns:resultList
 - ns0:RulesOutputFact
 - URL
 - priority
 - ServiceGroupId
 - rollbackURL
 - dynamicPlanMode

<target>

copy-of

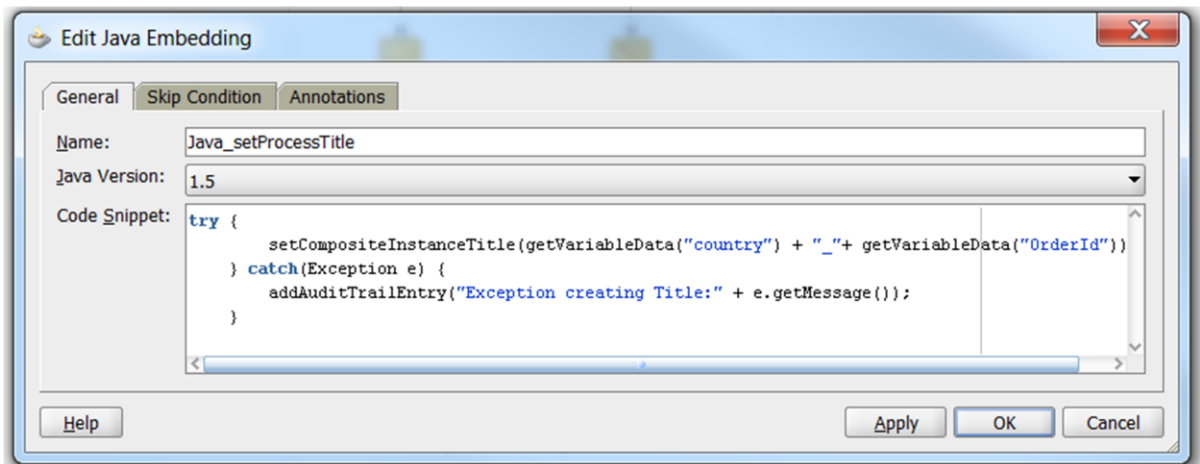
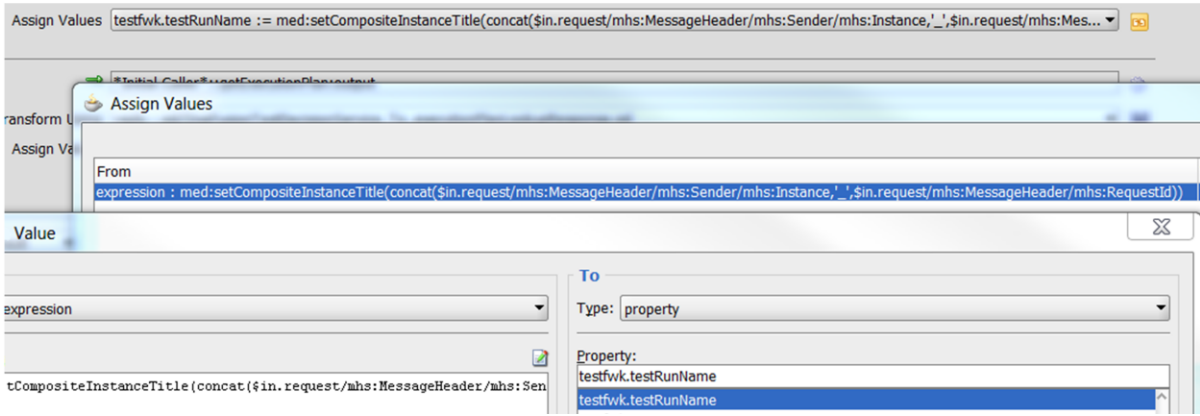
- phs:ExecutionPlan
- defaultPlanLocation [XYC]
- statusPlanLocation [XYC]
- rollbackPlanLocation [XYC]
- defaultPlanName [XYC]
- statusPlanName [XYC]
- rollbackPlanName [XYC]
- objectId [XYC]
- dynamicPlanMode [XYC]
- phs:Version [4a]
- phs:Name [4a]
- phs:ProcessTrackingLevel [4a]
- phs:taskList [4a]

Edit Function - document

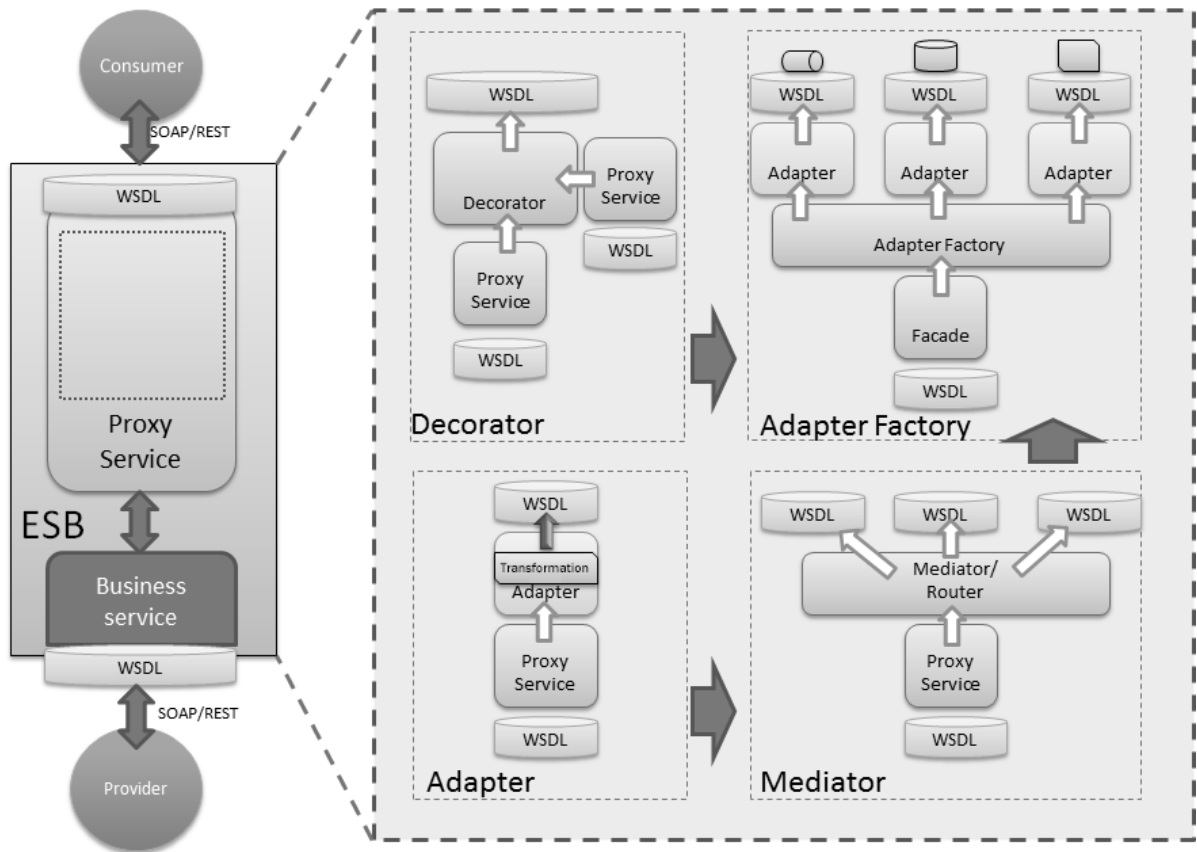
Define function parameters below:

(Note: Parameters can also be set through drag and drop from tree nodes)

uri:concat('orams:/apps/FusionTest/executionPlans/', /tns:callFunctionStatelessDecision/tns:resultList/ns0:RulesOutputFact/@URL)



Chapter 4



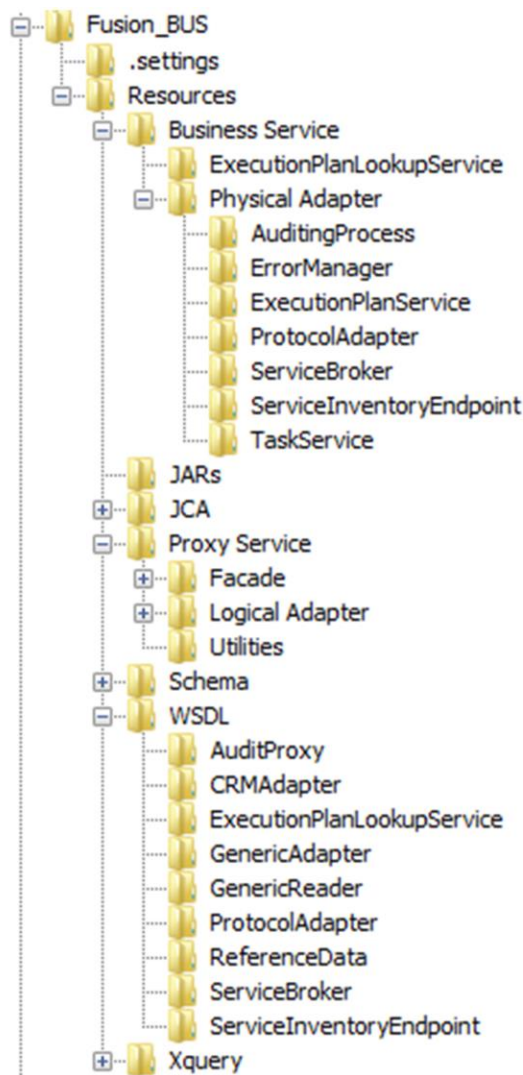
The image displays the Oracle SOA Suite weblogic console interface for a project named **SOAPgateway_CustomerInfo**. The interface is divided into several sections:

- Change Center:** Shows the session status as "weblogic session" with options for "No Conflicts", "View Changes", and "View All Sessions". A red circle labeled "1" highlights the "Activate" button.
- Project Explorer:** A tree view showing the project structure: "default" > "SOAPgateway_CustomerInfo" > "business" > "proxy". A red circle labeled "2" highlights the "business" folder.
- Resources:** A "Create Resource" dialog is open, showing a list of resource types. A red circle labeled "3" highlights the "Business Service" option in the list.

On the right side, an **OSB (Oracle Service Bus)** architecture diagram is shown, enclosed in a blue box. It illustrates the flow of data between a **Consumer** and a **Provider**. The Consumer sends a request via **SOAP/REST** to a **WSDL** endpoint, which connects to a **Proxy Service**. The Proxy Service contains **Pipes** for **Inbound** and **Outbound** processing. The Proxy Service is connected to a **Business service** via **OSB**. The Business service then connects to another **WSDL** endpoint, which finally reaches the **Provider** via **SOAP/REST**.

Red annotations on the diagram include:

- A red circle labeled "3.1" pointing to the **Business service** component.
- A red circle labeled "3.2" pointing to the **Proxy Service** component.



Select Resource Type
Select Resource Type
Service
Proxy Service
Business Service
Split-Join
Interface
WSDL
XML Schema
WS-Policy
JCA Binding
Transformation
XQuery
XSLT
MFL File
Security
Service Account
Service Key Provider
Utility
JAR
Alert Destination

Configuration Details | **Operational Settings** | SLA Alert Rules | Policies | Security

General Configuration

State Enabled

Monitoring

Monitoring Enable Pipeline Monitoring at Pipeline level or above

Aggregation Interval 0 hours 10 mins

SLA Alerts Enable Alerting at Normal level or above

Pipeline Alerts Enable Alerting at Normal level or above

Reports Enabled

Logs Enable Logging at Debug level or above

Tracing

Execution Tracing Enabled

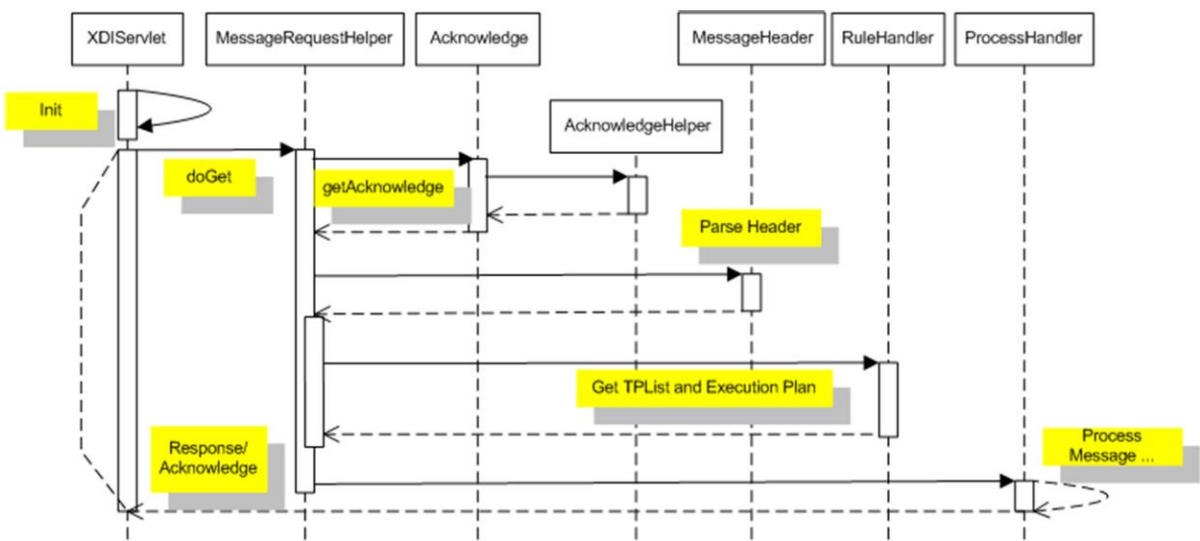
Message Tracing Enabled

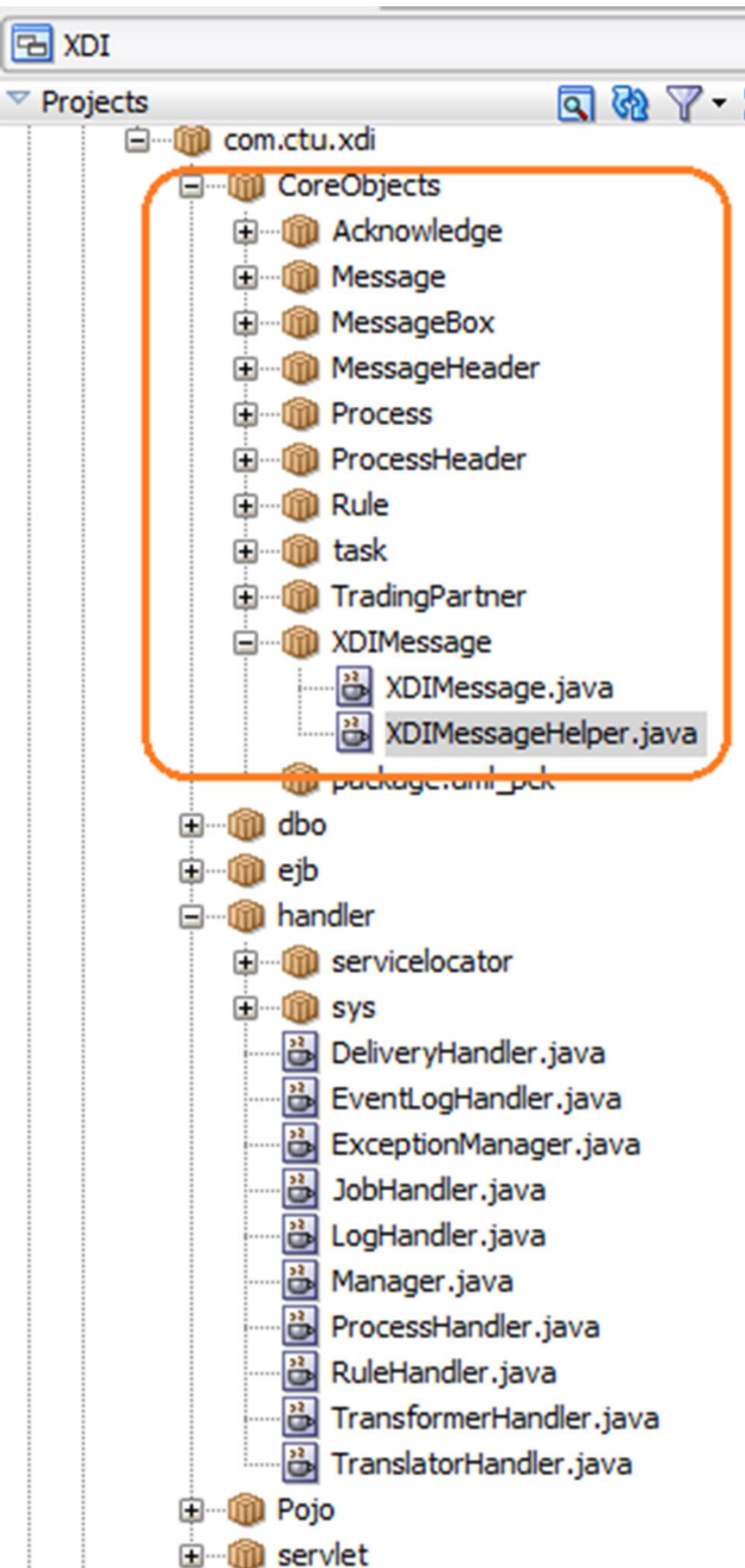
Detail Level Terse

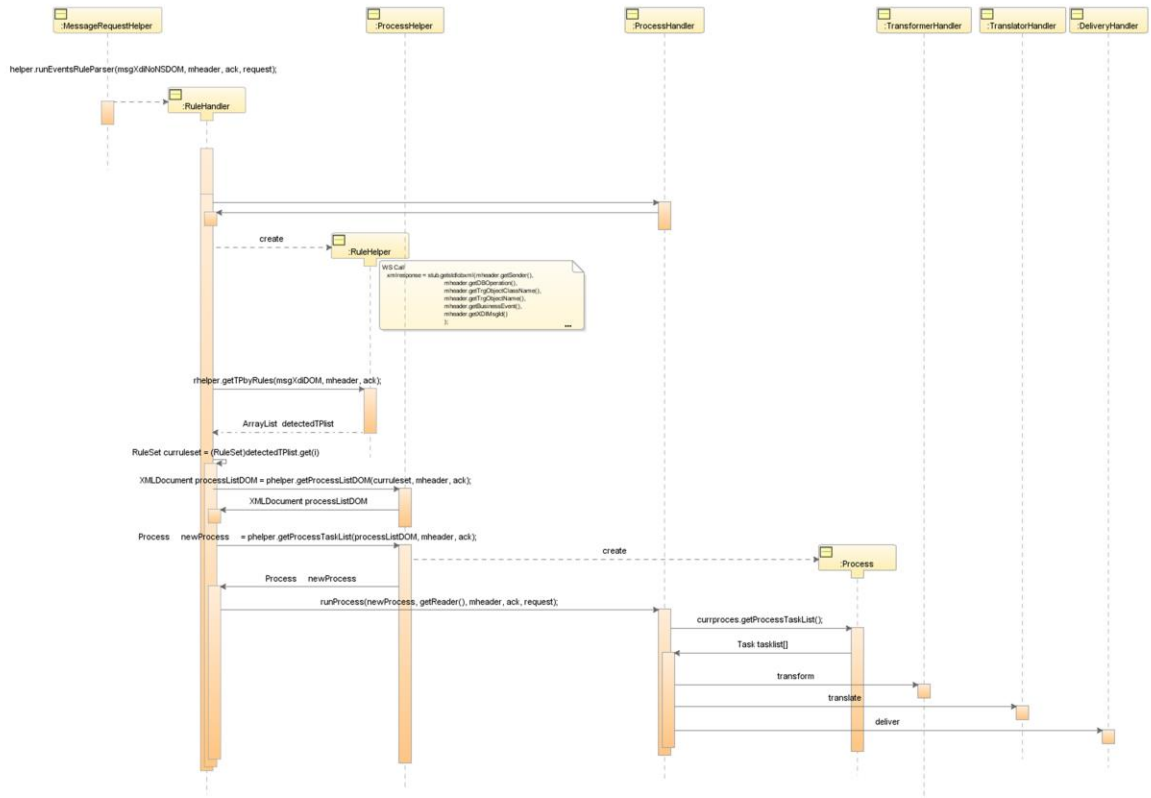
Payload Tracing Limit 8 Kilobytes

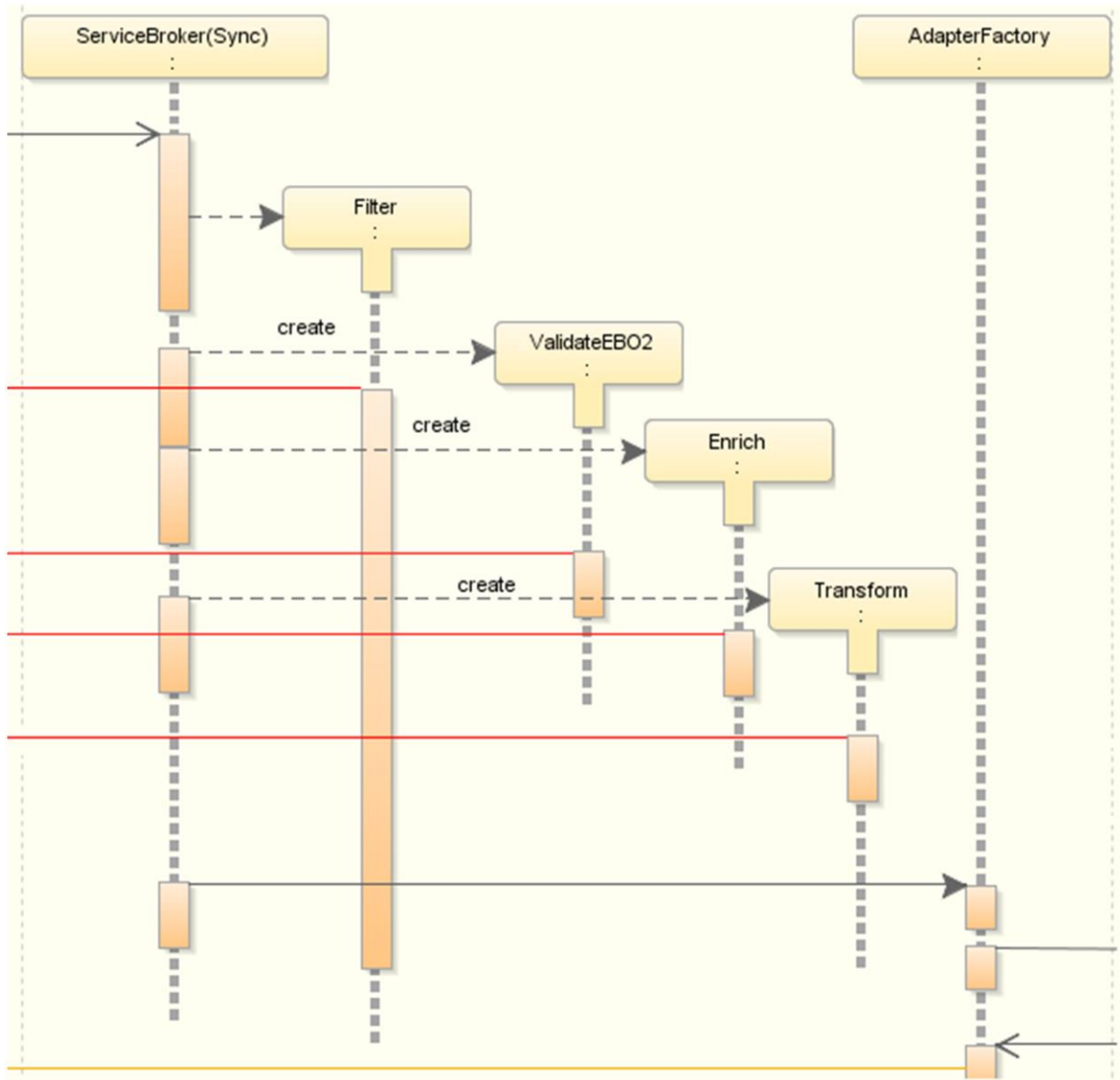
Default Encoding

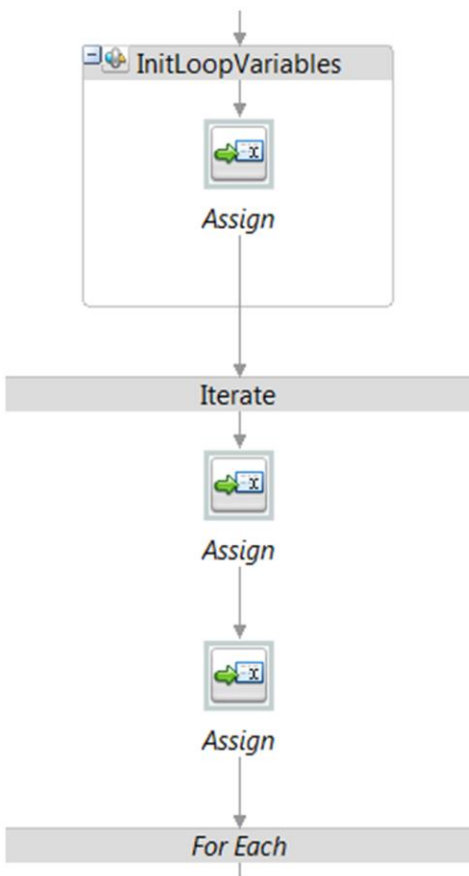
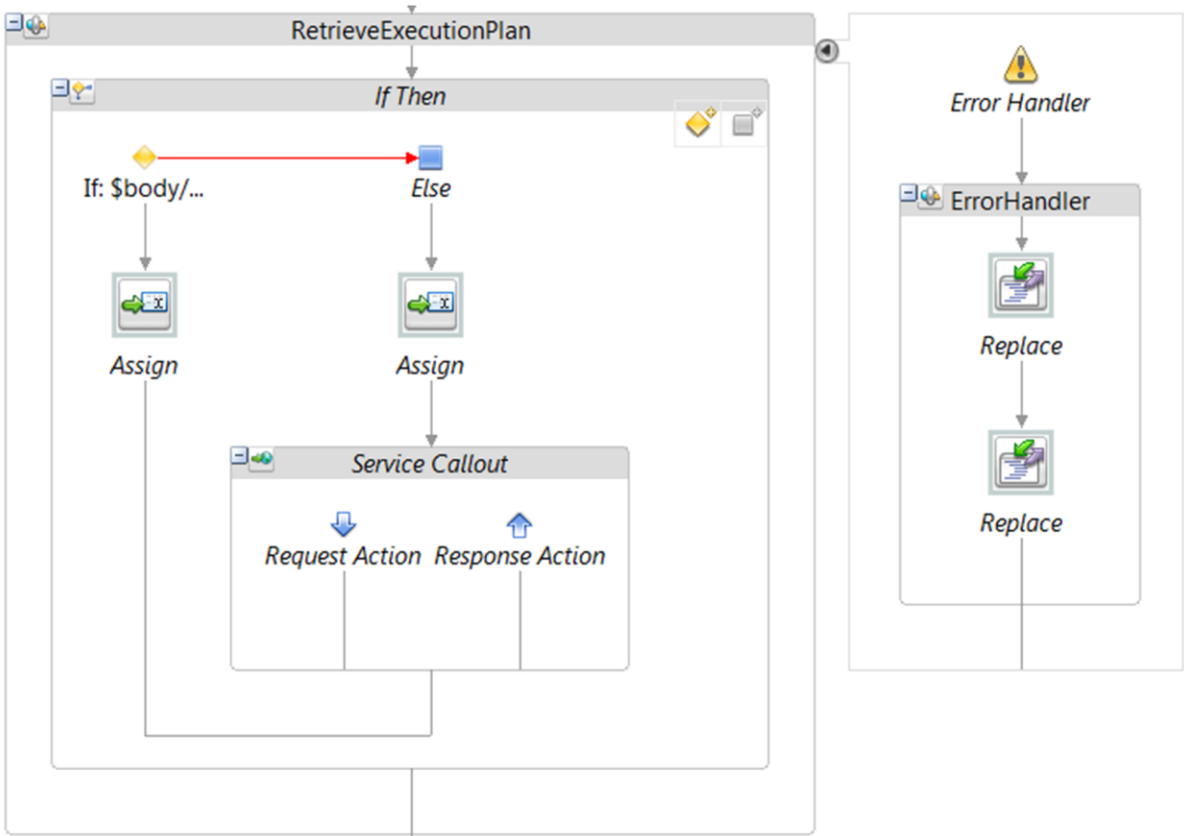
Back | Update | Reset











Retry Count	0
Retry Iteration Interval	30
Retry Application Errors	Yes
HTTP Transport Configuration	
Timeout	0

Iterate

Assign

ForEach

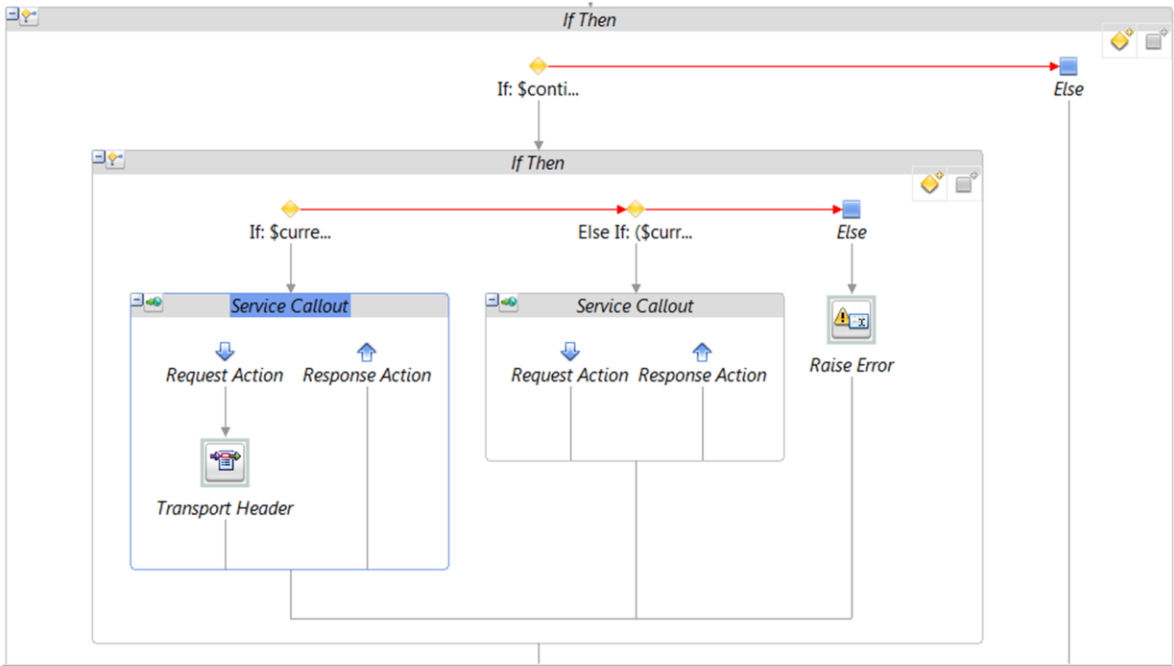
If Then

General Transport HTTP Transport Operation Message Handling

Properties Servers Problems

ForEach

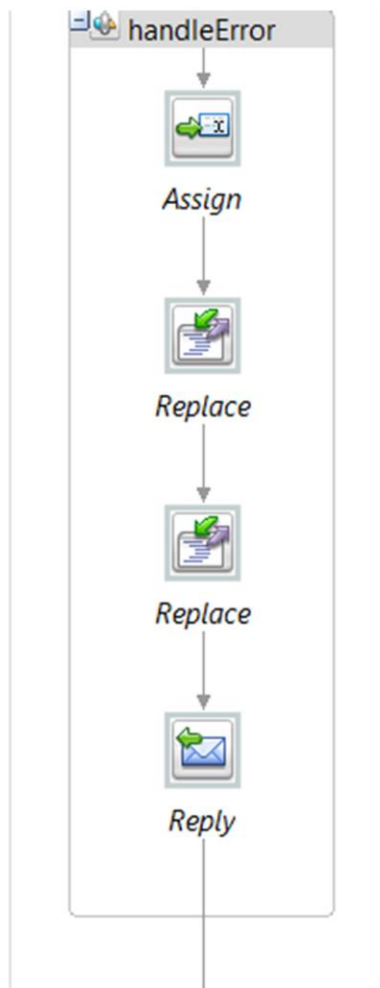
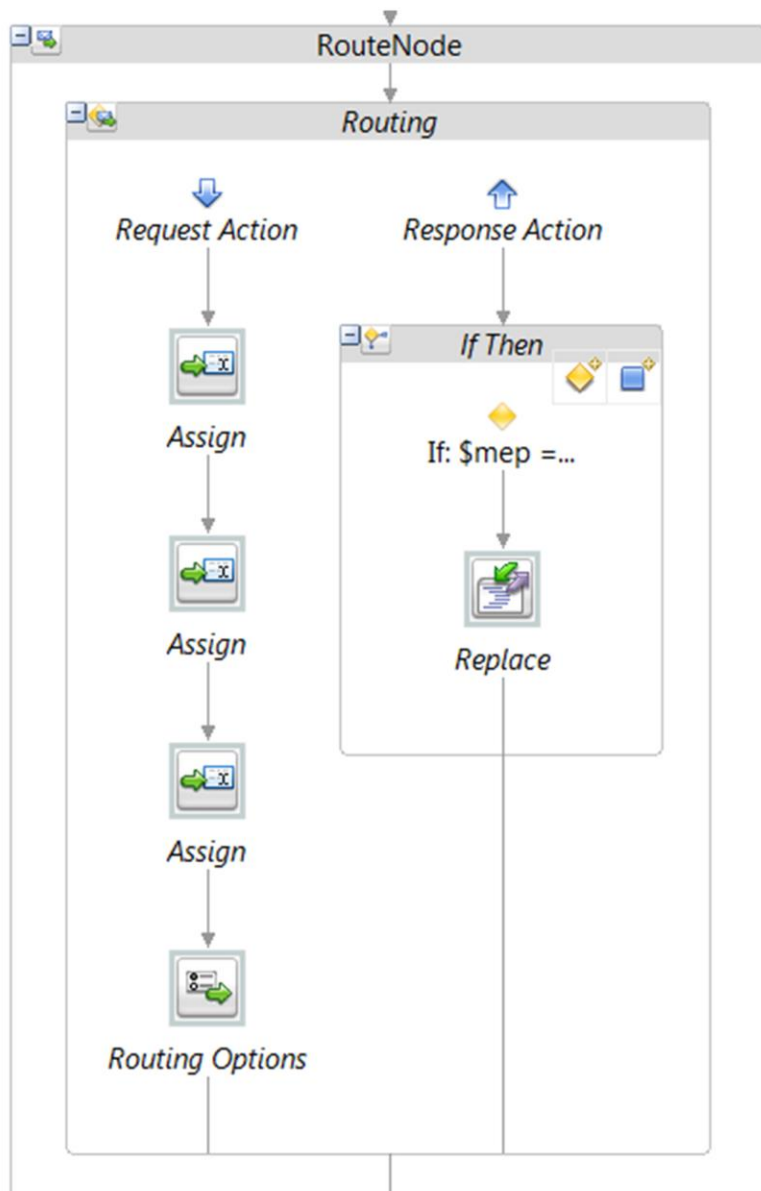
For Each	For Each Variable:	currentTask
Comment	XPath:	urn1:taskList/urn1:task
Namespaces	In Variable: *	executionPlan
Variables	Index Variable:	index
	Count Variable:	count



Service: *

Invoking: *


Service: *





Routing Options

Message Handling Security Message Flow

Properties  Servers  Problems

URI: *

\$uri

QoS: *

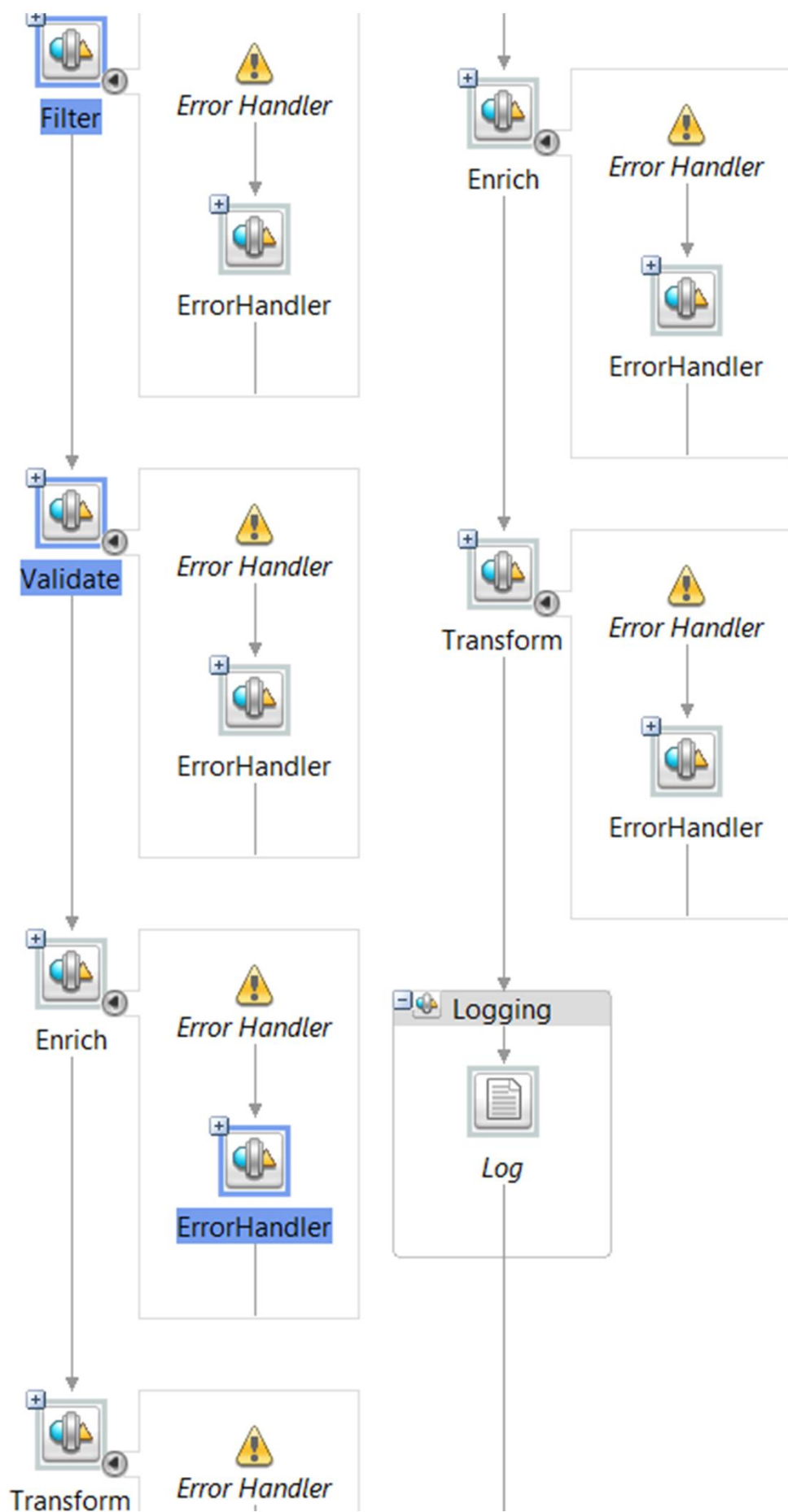
Best Effort

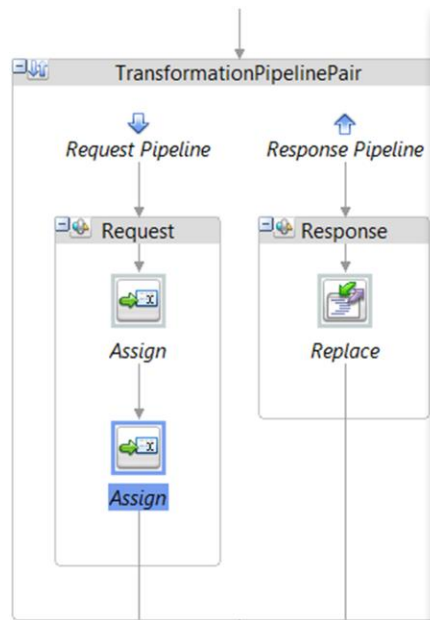
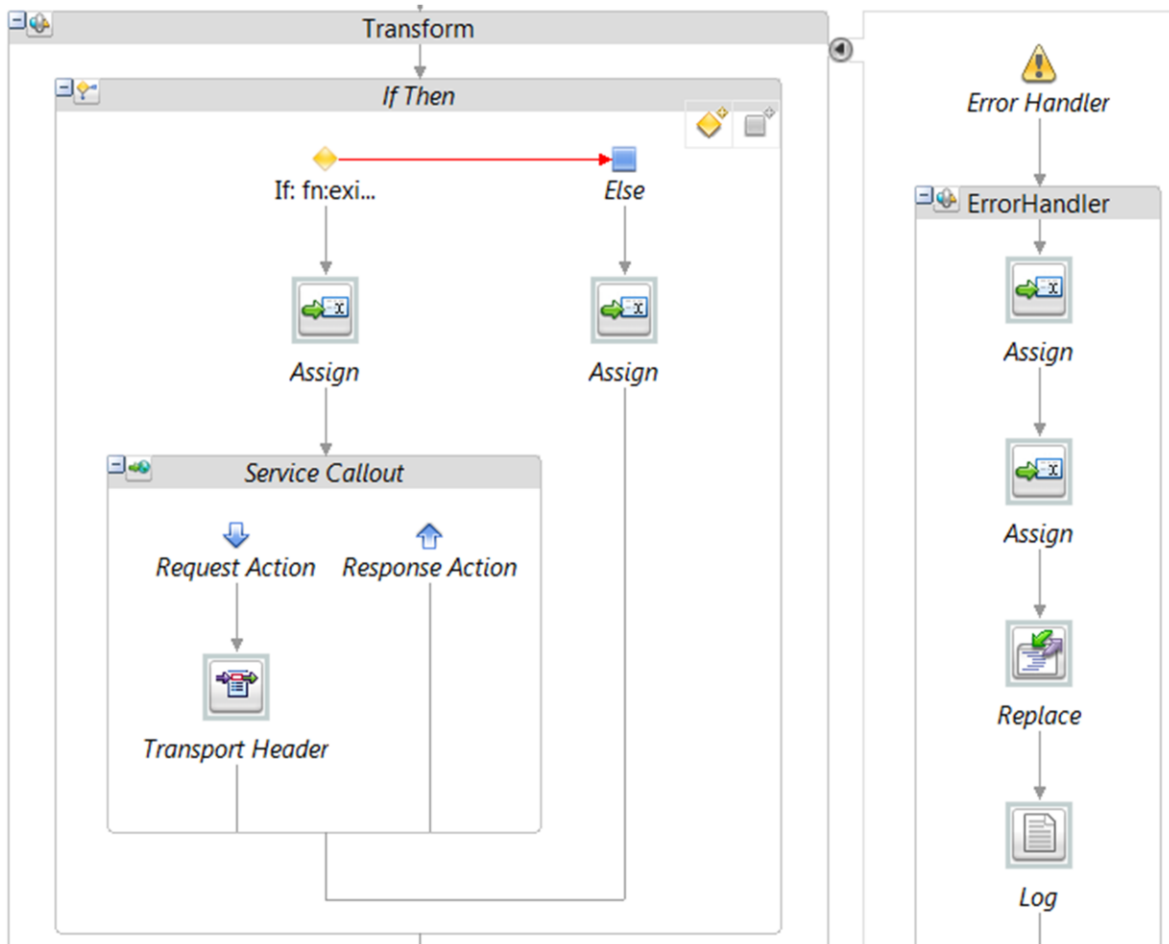
Mode: *

Request-Response

Retry Interval: *

Retry Count: *





XQuery/XSLT Expression Editor

This page allows you to configure an XQuery expression using XQuery text or an XQuery resource or an XSLT resource.

Expression | XQuery Resources | XSLT Resources | Dynamic XQuery

Expression:

Select XQuery Template:

Add Custom Variable:

Variable Name	Binding
request	<input type="text" value="\$body"/>

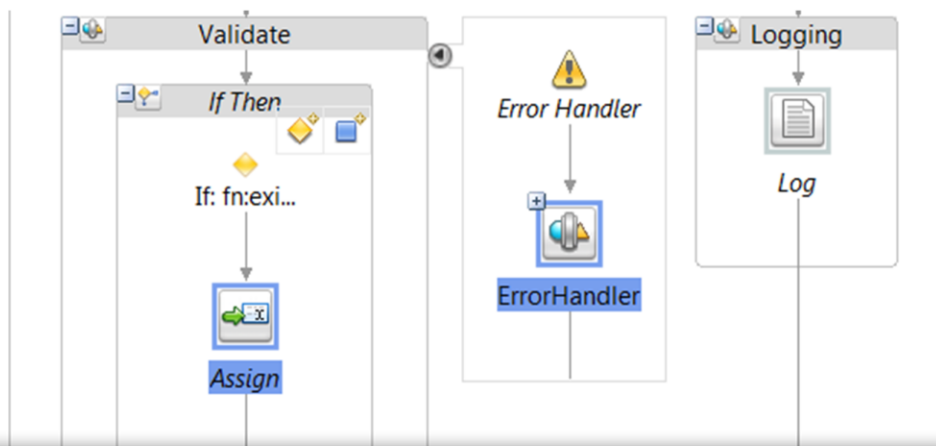
Bind Variables

Message Handling | Security | Message Flow

Properties Servers Problems

Expression: *

Variable: *



XQuery/XSLT Expression Editor

XQuery/XSLT Expression Editor

This page allows you to configure an XQuery expression using XQuery text or an XQuery resource or an XSLT resource.

Expression | XQuery Resources | XSLT Resources | Dynamic XQuery

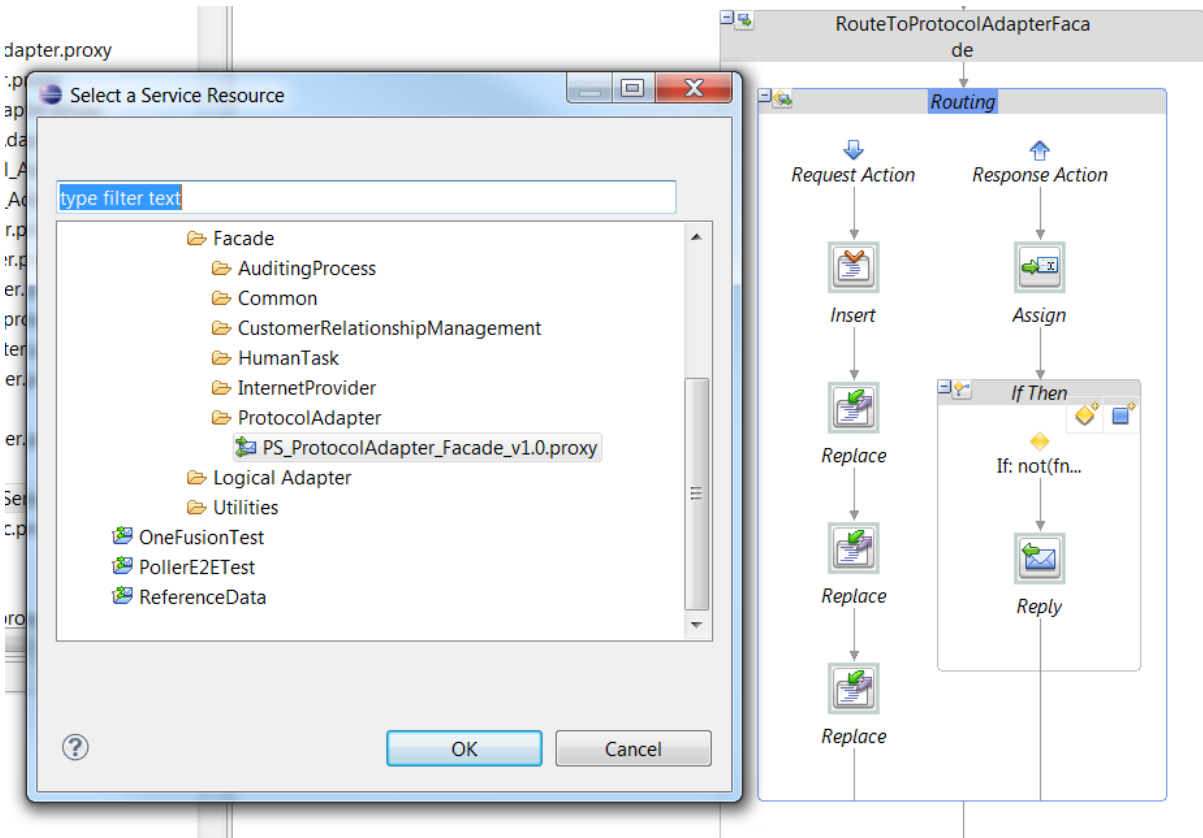
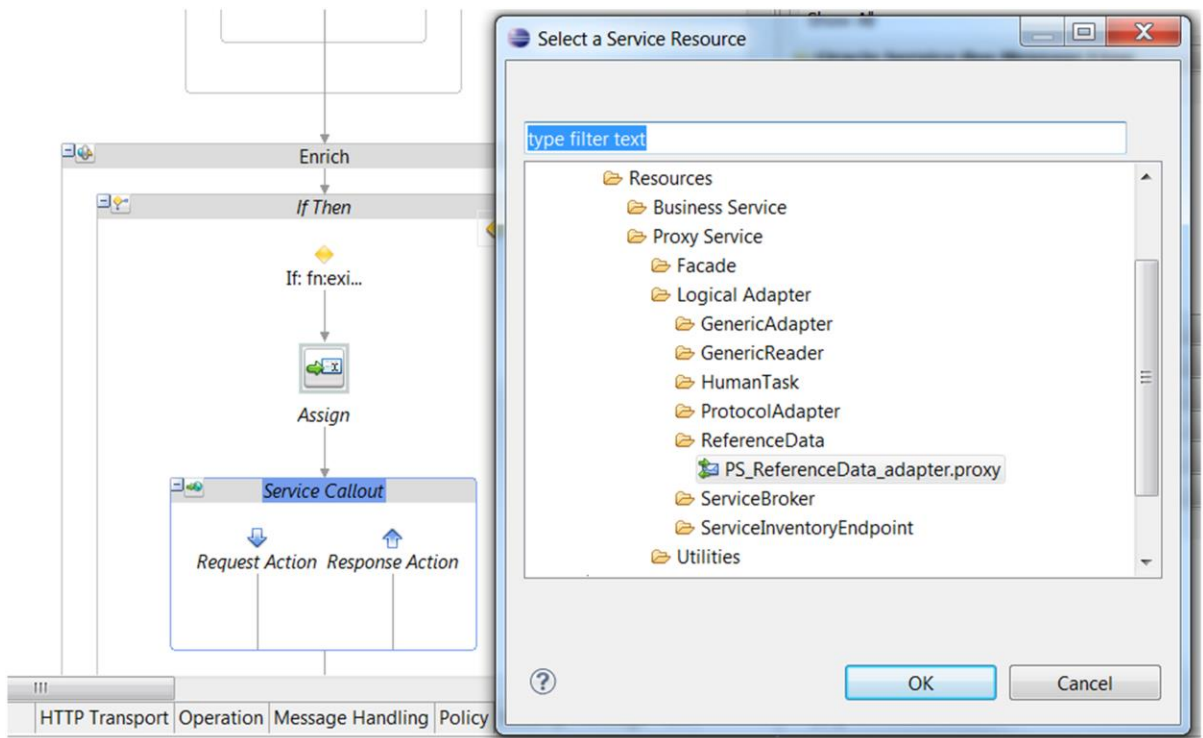
Expression: `:Steps[@flow='request']/*:validate/@location)`

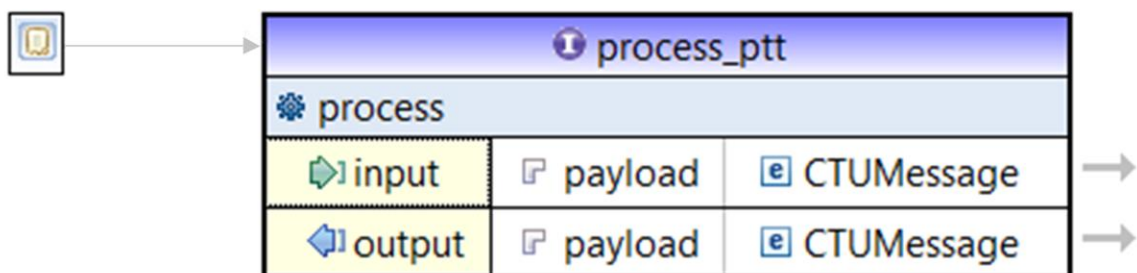
Select XQuery Template:

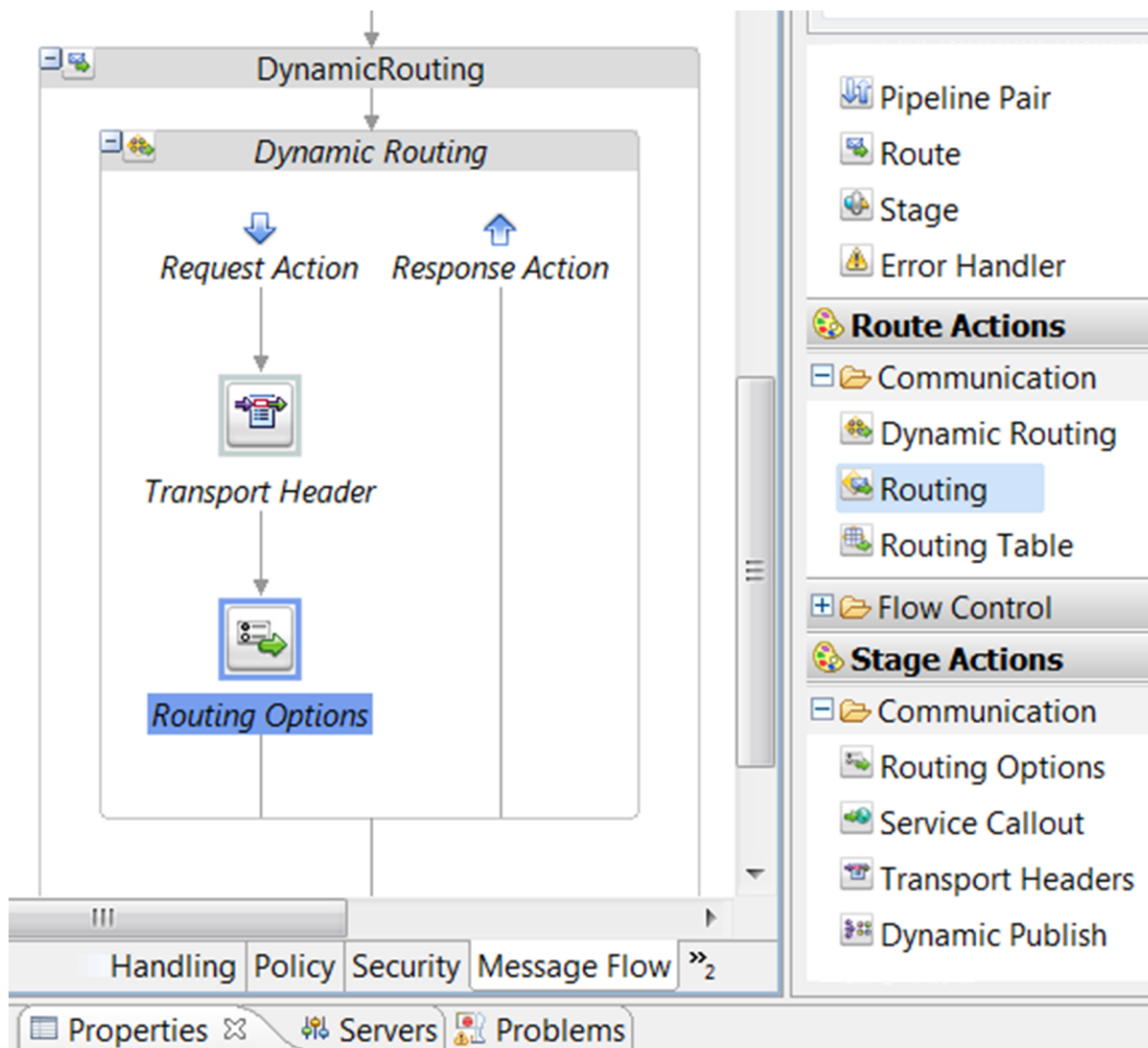
Add Custom Variable:

Bind Variables:

Variable Name	Binding	Opti
body	<code>\$body</code>	<input type="button" value=""/>







Options

- URI: * <Expression>
- QoS: * Exactly Once ▾
- Mode: * Request-Response ▾
- Retry Interval: * (second)
- Retry Count: *
- Priority: * <Expression>

Chapter 5

```

Far Manager, version 2.0 (build 1807) x86
Copyright (C) 1996-2000 Eugene Roshal, Copyright (C) 2000-2011 Far Group

C:\Utils\Setups\Oracle>sqlplus /nolog

SQL*Plus: Release 11.2.0.1.0 Production on Mon Jul 8 09:40:45 2013

Copyright (c) 1982, 2010, Oracle. All rights reserved.

SQL> connect OER/OER
Connected.

SQL> exit
Disconnected from Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options

C:\Utils\Setups\Oracle>java -version
java version "1.7.0_25"
Java(TM) SE Runtime Environment (build 1.7.0_25-b16)
Java HotSpot(TM) 64-Bit Server VM (build 23.25-b01, mixed mode)

C:\Utils\Setups\Oracle>java -jar OER111170_generic.jar -log=c:\temp\oer_install.log
Extracting 0%.....100%
  
```

Initialize Repository Properties
Provide the required data to initialize Enterprise Repository.

The information provided here will be used by the installer to generate an application container for this repository. Note: The application server path must be accessible to all remote clients.

*OER managed server port number: 7101

*Fully qualified server name (e.g., myserver.mydomain.com): local.ctu.com

Provide the names to be used by the application, or leave the defaults.

*Repository application name: oer

*Repository web resource application name: oer-web

Buttons: Exit, Previous, Next

Assets Projects My Stuff Reports Admin

Users

Types

Generate Migration XML
List All

Search
Name

ArcheType
Asset Type

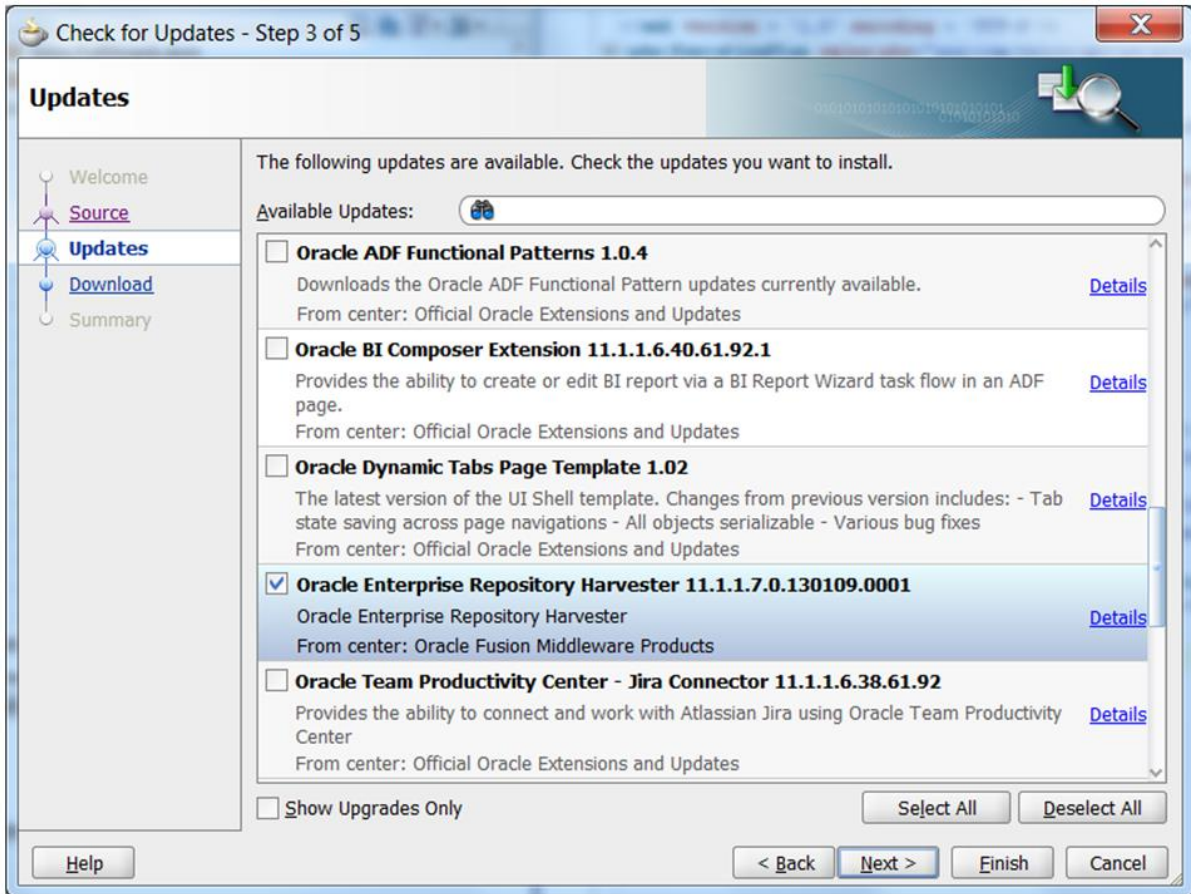
Search

Sessions
Roles
Departments
Basic Access Settings
System Settings
Email Templates
Import Export
SFID Manager

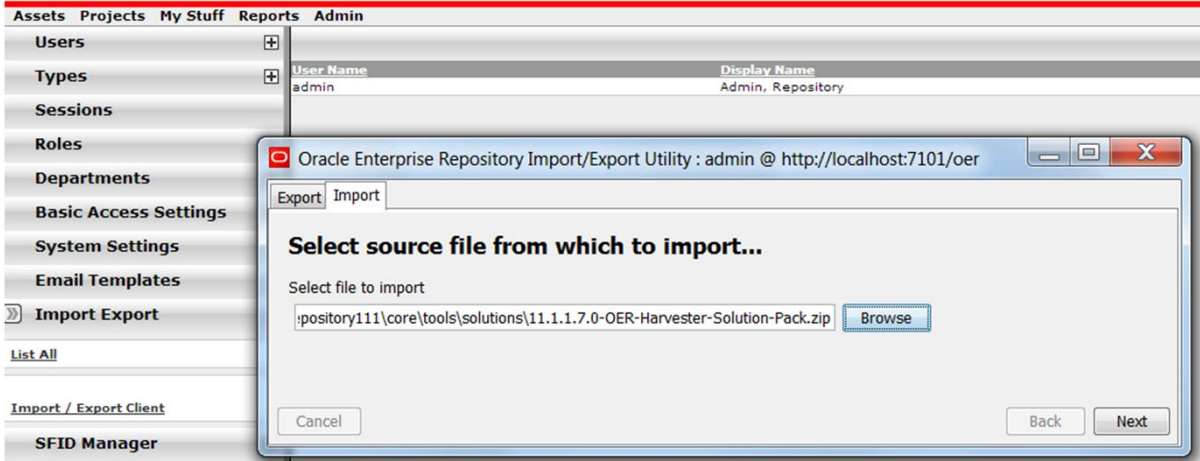
Name
Application
Artifact: DTD
Artifact: WS-Policy
Artifact: WSDL
Artifact: XSD
Binding
Business Process
Communication Adapter
Component

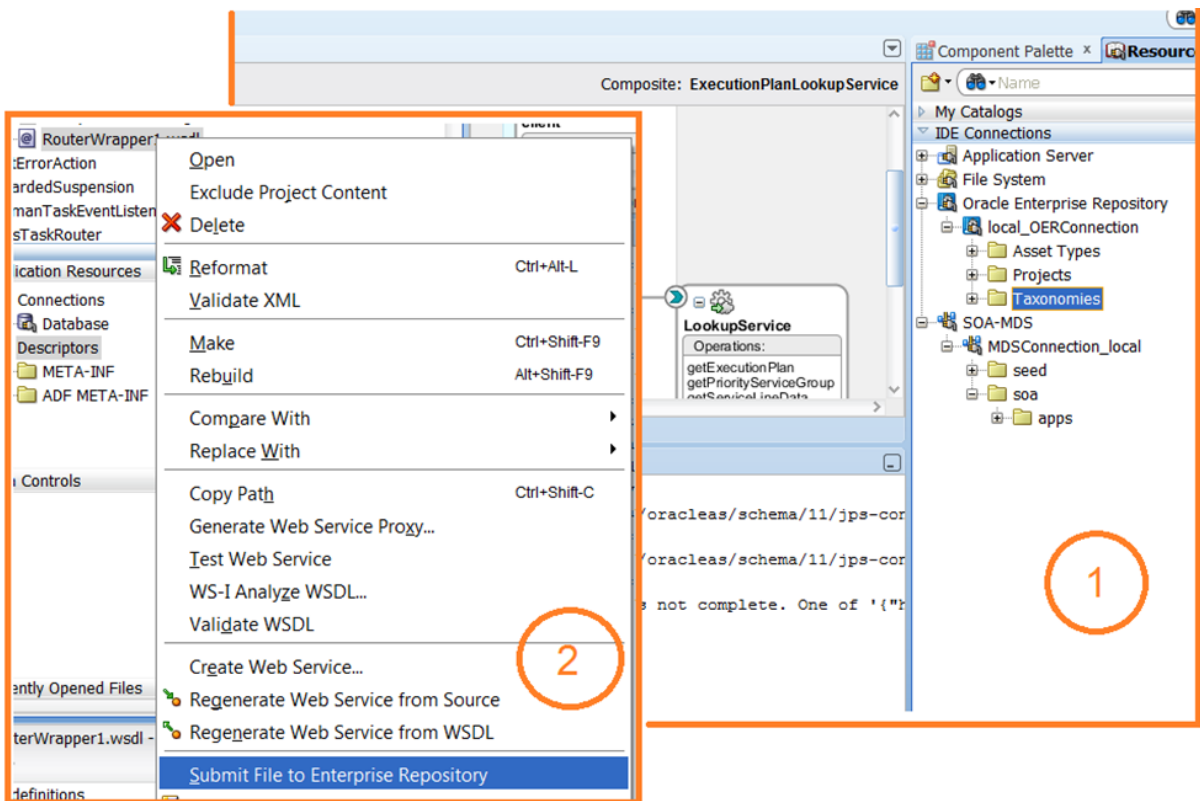
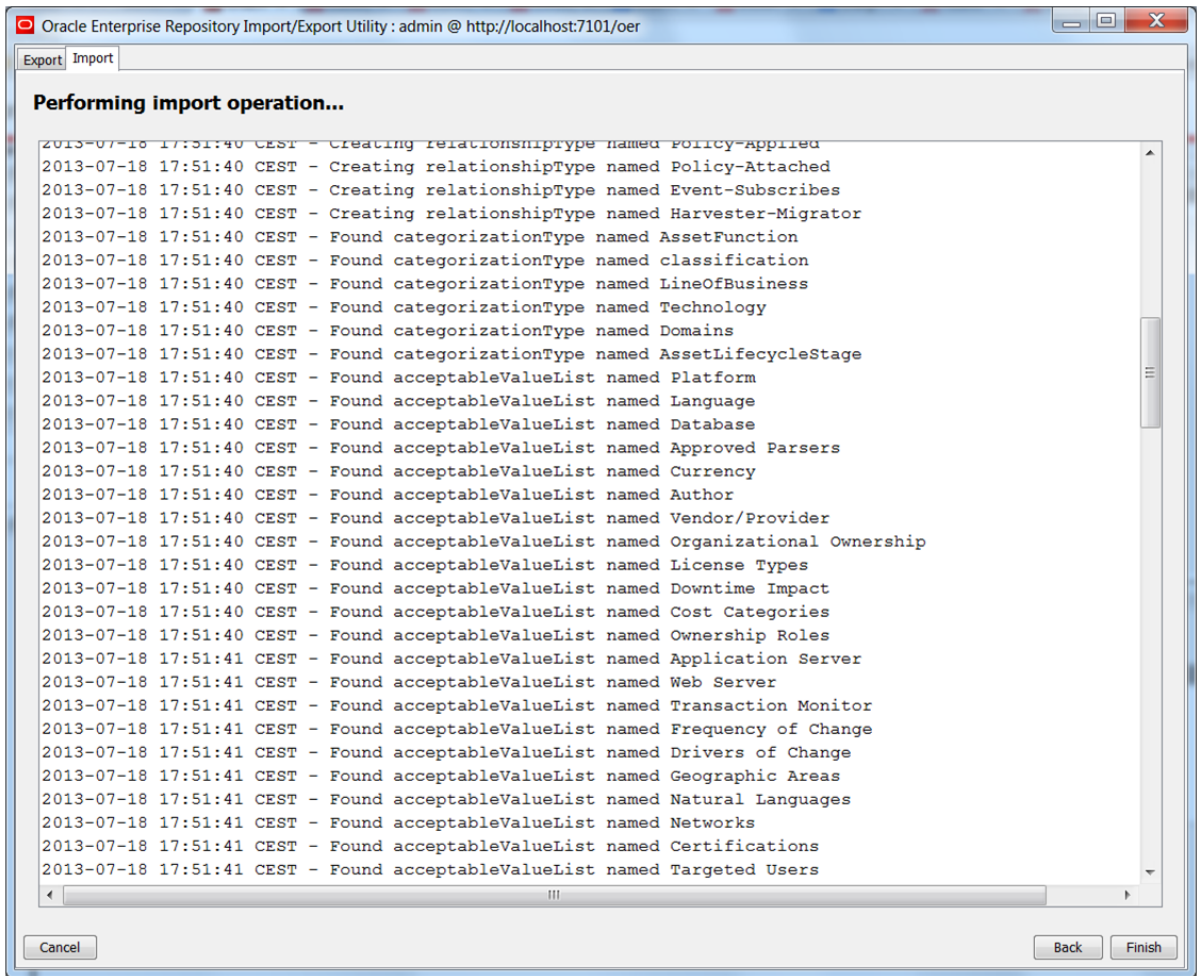
Type: Component

Display Name	XML Mapping	Data Type
Asset Type Catalog	custom-data/asset-type-catalog	Plugin - RequiredDocumentPlugin
Author	custom-data/author/lcjgggqjz	Multiple Acceptable Value List
Granularity	custom-data/class-info	Plugin - AddJarIntrospectionPlugin
Client Platforms	custom-data/client-platforms/jovzfvfwml	Multiple Acceptable Value List
Platform	custom-data/client-platforms/cbctcnwyk	Multiple Acceptable Value List
Community	custom-data/community	String
Consistent with standard architecture	custom-data/consistent-with-standard-architecture	Boolean
Constraints	custom-data/constraints	String
Consumption Factor (Cfac)	custom-data/consumption-factor--cfac-	Number
Currency	custom-data/currency	Acceptable Value List
Predicted Net Hours Saved	custom-data/development-hours	Number
Documentation	custom-data/documentation	Plugin - RequiredDocumentPlugin
Expected availability date	custom-data/expected-availability-date	Date
Expiration Date	custom-data/expiration-date	Date
External Cost	custom-data/external-cost	Boolean
Hourly burden rate (B)	custom-data/hourly-burden-rate--b-	Number
Internal Cost	custom-data/internal-cost	Boolean
Language	custom-data/language	Acceptable Value List
Licensing/License Type	custom-data/license-type	String
Organizational Ownership	custom-data/organizational-ownership/pfrqhkpvv	Multiple Acceptable Value List
Packaging Description	custom-data/packaging-description	String
Passes technical review	custom-data/passes-technical-review	Boolean
Predicted number of annual reuse opportunities (n)	custom-data/predicted-number-of-annual-reuse-opportunities--n-	Number
Production investment (Pinv)	custom-data/production-investment--pinv-	Number
Reason for Reassignment	custom-data/reason-for-reassignment	String
Requirements	custom-data/requirement-list	Plugin - RequirementListPlugin
Retirement/Decommission Date	custom-data/retirement-decommission-date	Date
Vendor/Provider	custom-data/sourcevendorservice-provider/rfciipcmh	Multiple Acceptable Value List
Support Documents	custom-data/support-documents	Plugin - RequiredDocumentPlugin
Supported	custom-data/supported	Boolean



ORACLE Enterprise Repository






```

[echo] repository.url = http://localhost:7101/oe/
[echo] repository.username = admin
[echo] repository.timeout = 5000
[echo] repository.debug = false
[echo] repository.failonerror = true
[echo] settings.file = C:\oracle\jdev\middleaware116\developer\harvester\HarvesterSettings.xml
[echo] description = Harvested from SOA Composite Editor
[echo] product.name = Oracle SOA Suite
[echo] product.version = 11.1.1
[echo] namespace = ExecutionPlanLookupService1.0
[echo] registration.status = Unsubmitted
[echo] deployment.status = design-time
[echo] partial.introspection = false
[echo] mds.settings.location = C:\Sergey\Projects\SCA\Applications\adf\META-INF\adf-config.xml
[echo] *****
[repository_submit] 18-Jul-2013 17:56:09 oracle.mds
[repository_submit] NOTIFICATION: PManager instance is created without multitenancy support as JVM flag "oracle.multitenant.enabled" is not set to enable multitenancy
[repository_submit] unable to initialize harvester plugin: c:\oracle\jdev\middleaware116\developer\harvester\plugins\osb10.productreader
[repository_submit] unable to initialize harvester plugin file: c:\oracle\jdev\middleaware116\developer\harvester\plugins\osb10.remotereader
[repository_submit] oracle enterprise_repository_harvester version: v11.1.1.7.0-130109_0001-1503251
[repository_submit] 18-Jul-2013 17:56:18 oracle.mds
[repository_submit] NOTIFICATION: PManager instance is created without multitenancy support as JVM flag "oracle.multitenant.enabled" is not set to enable multitenancy
[repository_submit] unable to initialize harvester plugin: c:\oracle\jdev\middleaware116\developer\harvester\plugins\osb10.productreader
[repository_submit] unable to initialize harvester plugin file: c:\oracle\jdev\middleaware116\developer\harvester\plugins\osb10.remotereader
[repository_submit] successfully completed the harvest
[repository_submit] Starting OERWriter Shutdown and Clean up...

BUILD SUCCESSFUL
Total time: 1 minute 12 seconds

```

Type Manager - Oracle Enterprise Repository - Service

File View Support Help

Artifact: DTD
Artifact: EDL
Artifact: FaultPolicies
Artifact: Flow
Artifact: Jar
Artifact: Java
Artifact: JCA
Artifact: MFL
Artifact: MPlan
Artifact: Proxy
Artifact: Rules
Artifact: SpringBeans
Artifact: Task
Artifact: Toplink
Artifact: WSPolicy
Artifact: WSDL
Artifact: XQuery
Artifact: XSD
Artifact: XSLT
Binding
Business Process
Business Process: BPEL
Business Process: BPMN
Business Rule
Communication Adapter
Component
Composite
Composite Deployment
Composite Deployment Reference
Composite Deployment Service
Composite Reference
Composite Service
Deployment: BPEL
Endpoint

Hidden Elements

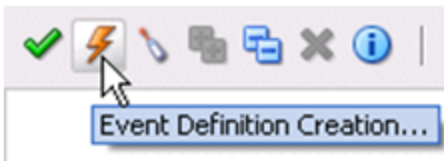
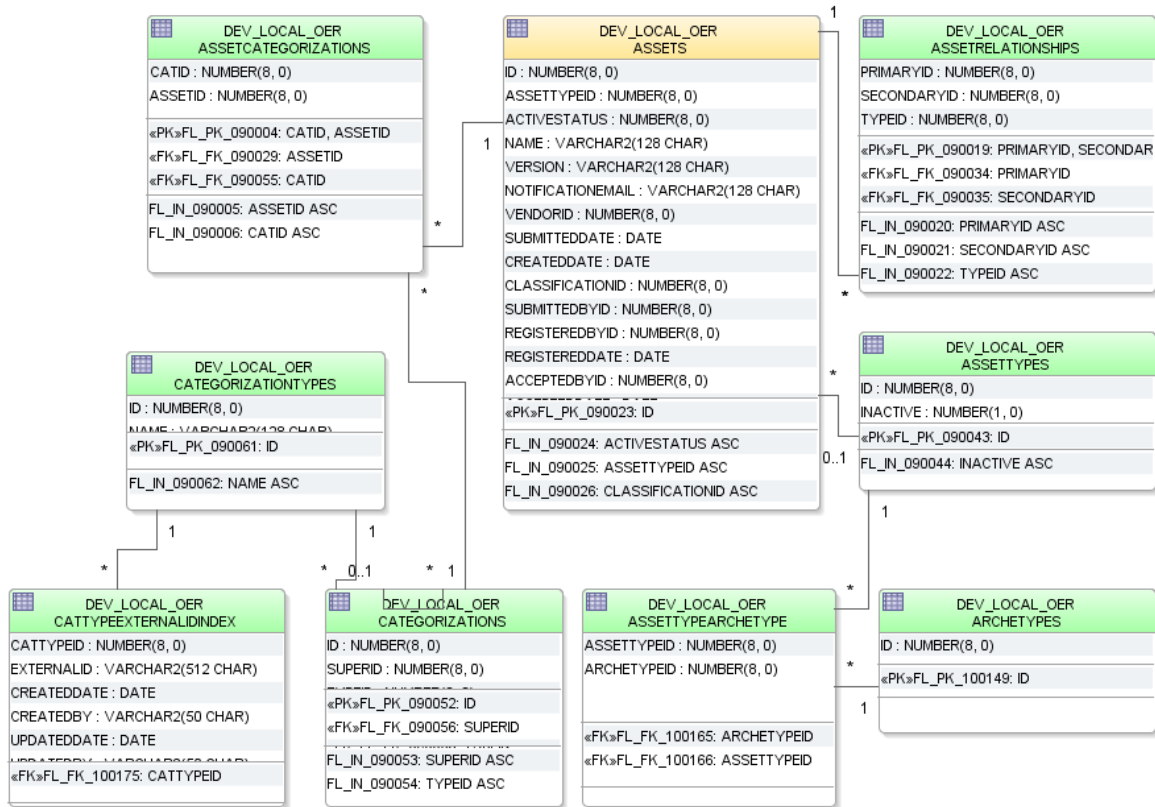
- Uploaded Submission Files
- File Information
- Total development hours (TDH)
- Production investment (Pinv)
- Consumption Factor (Cfac)
- Predicted number of annual reuse opportunities (n)

Groups

Column One	Column Two
Overview	Tests
Taxonomy	Support
Technical	Usage
Operational Information	Reviews
Documentation	Affinity
Harvester Properties	Change Management
WSDL Summary	Management Review
	Miscellaneous

Elements

- Business Objectives
- Technology
- dW Communities
- GEOs
- NAICS
- UNSPSC 7.3



1 Oracle Service Registry 11.1.1

2 Installation progress: 14%

3 Oracle Service Registry 11.1.1

Oracle Service Registry 11.1.1 has been successfully installed. **IMPORTANT:** Do read the documentation on how to adjust your Oracle WebLogic, or embedded server, in particular you may need to:

- check and adjust available memory,
- enable SSL and setup proper certificates,
- configure the WebLogic (depends on deployment option you may need to run the WebLogic Configuration Wizard for Domain configuration, create JDBC datasource for Online mode or deploy WAR file for Manual deployment).

You can find the installation documentation here.

Without proper setup, you may be unable to run the Oracle Service Registry.

Registry Control is accessible at <http://localhost:7201/registry/uddi/web> (this link is active after proper start)

Business Service Control is accessible at <http://localhost:7201/registry/uddi/bsc/web> (this link is active after proper start)

For more details see documentation available offline at <C:\oracle\Middleware\1036\registry111\doc\index.html> or online at <http://localhost:7201/registry/uddi/doc/index.html> (this link is active after proper start)

To close this installer click **Finish**.

Note: You must restart application server before using the Registry.

C:\Utils\Setups\Oracle\osr>java -jar OSR111160_generic_*.jar

Registry Control 11.1
 localhost:7201/registry/uddi/web

ORACLE Enterprise Manager 11g
 Registry Control

Home > Browse taxonomy

1 **enterprise taxonomies**

- thomasregister.com supplier
- ubr-uddi.org:isc-ch-3166-2003
- uddi-org:general_keywords
- uddi-org:isReplacedBy
- uddi-org:resource-reference
- uddi-org:resource-type
- uddi-org:wsdl:categoryization
- uddi-org:wsdl:categoryization
- uddi-org:wsdl:portTypeReference
- uddi-org:wsdl:types
- binding (binding)
- port (port)
- portType (portType)
- service (service)

2 **Service Registry**

« Add service

Language: English

Service key:

WSDL * XML * XSD * XSLT

« Publish WSDL document

3 **Add category**

Save changes

Create UDDI Registry Connection - Step 1 of 2

1 **Connection**

Connection Name: Local_UDDI_Registry

Inquiry Endpoint URL: http://localhost:7201/registry/uddi/inquiry

2 **Oracle Enterprise Repository**

- local_OERConnection
- SOA-MDS
- UDDI Registry
 - Local_UDDI_Registry
 - Business Entities
 - Account Services
 - Customer Management System
 - Document Services
 - Headquarter
 - HR
 - IT
 - Outlet Locator
 - Transaction Services
 - Business Services
 - AccountService
 - AddCustomerService
 - BillPaymentService
 - CheckOrderService
 - CustomerNotificationService
 - DirectDepositAdvanceService
 - ElectronicFormsService

3 **Create Web Service**

Web Service: NotificationService

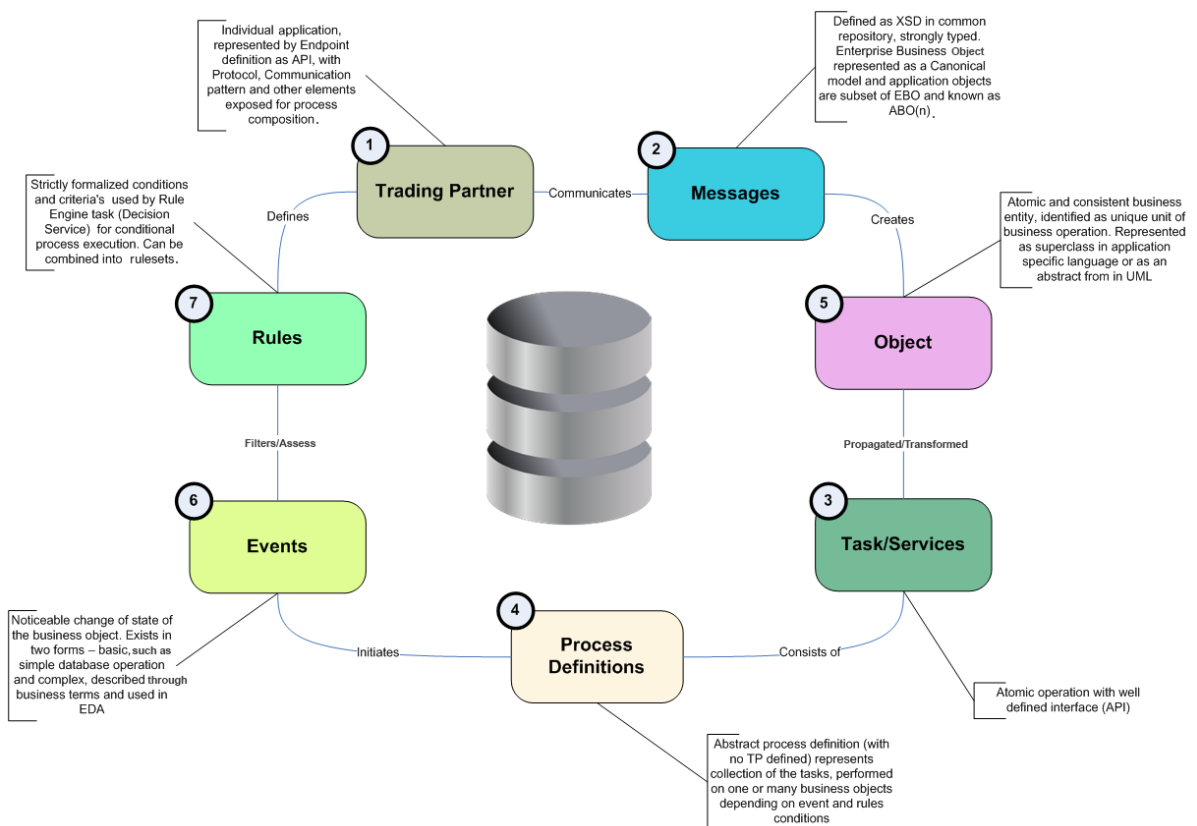
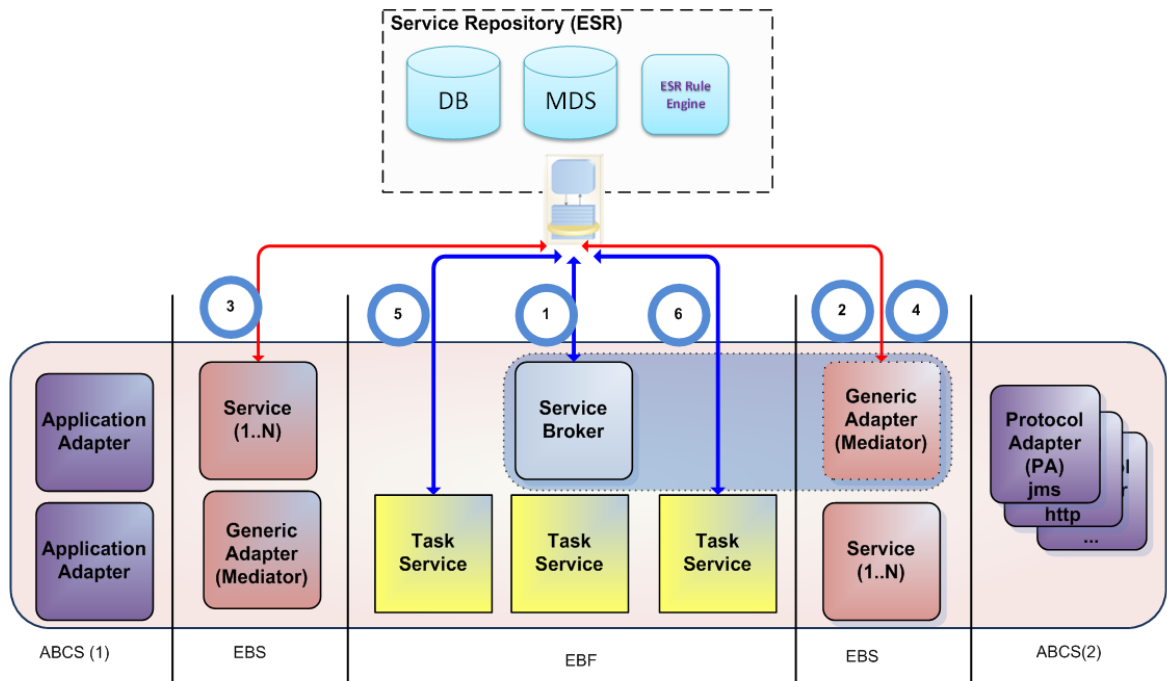
4 **SOA Resource Browser**

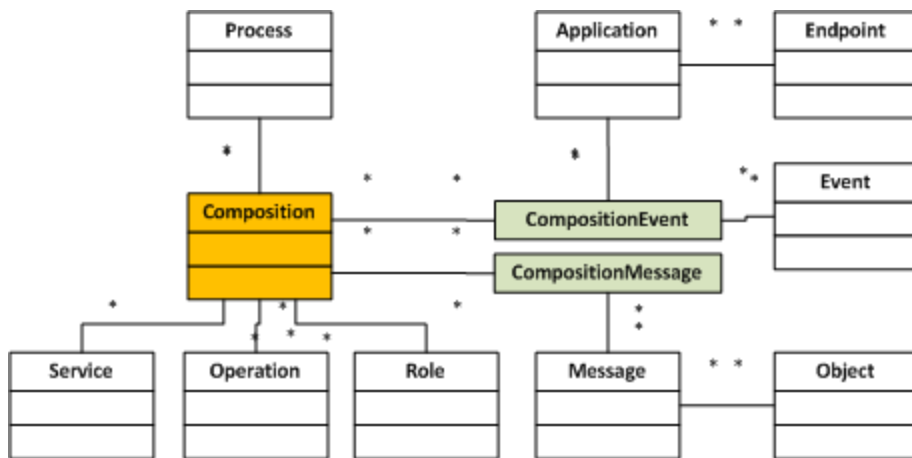
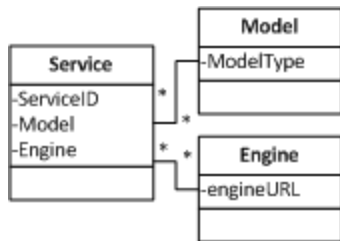
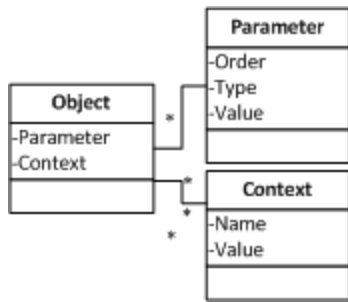
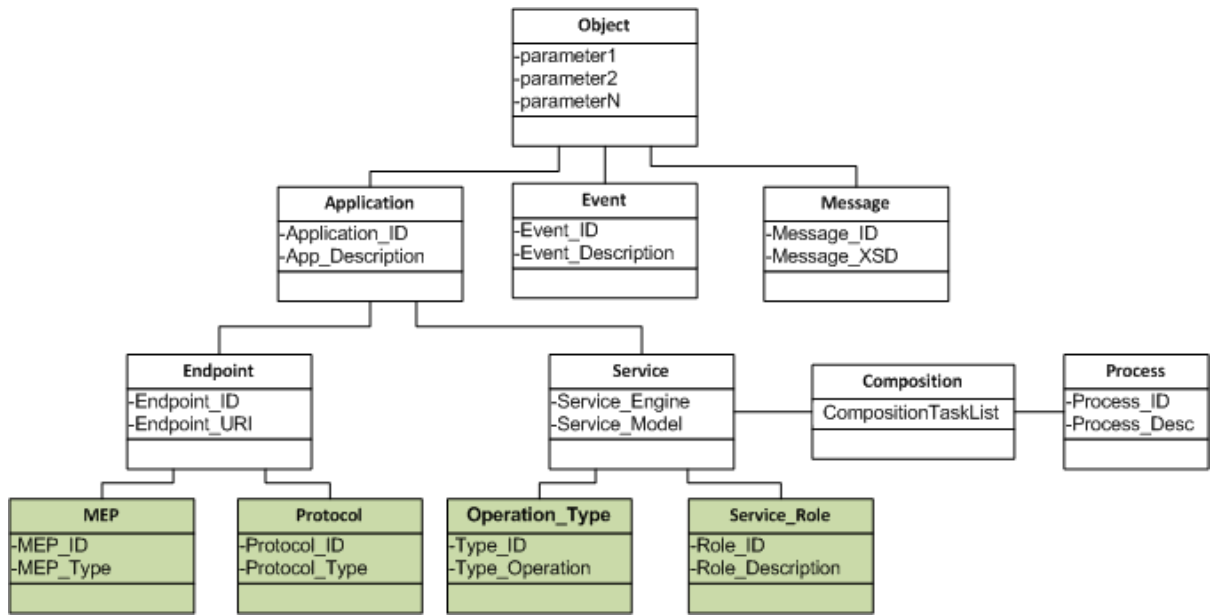
- Resource Palette
 - Business Services
 - AccountService
 - AddCustomerService
 - BillPaymentService
 - CheckOrderService
 - CustomerNotificationService
 - DirectDepositAdvanceService
 - ElectronicFormsService
 - EmployeeList
 - Holiday request service
 - MonetaryTransactionService
 - NotificationService
 - OutletService
 - SiteService
 - StopPaymentService
 - Support
 - TransferFundsService

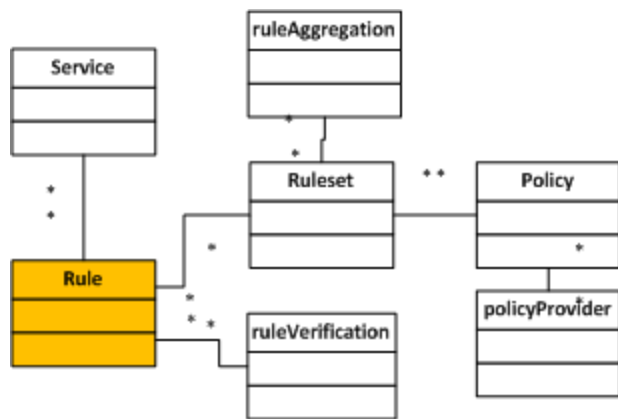
5 **UDDI Deployment Options**

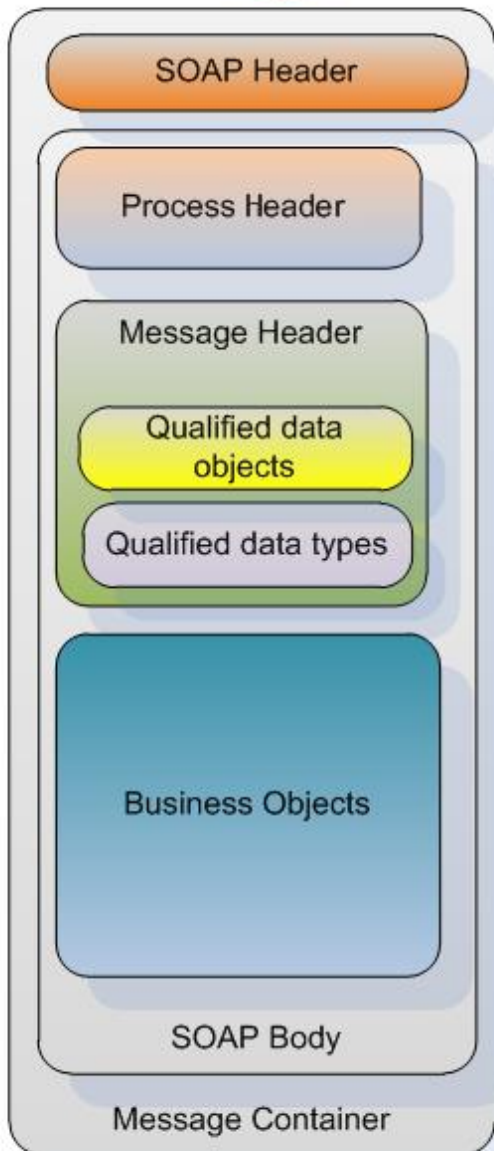
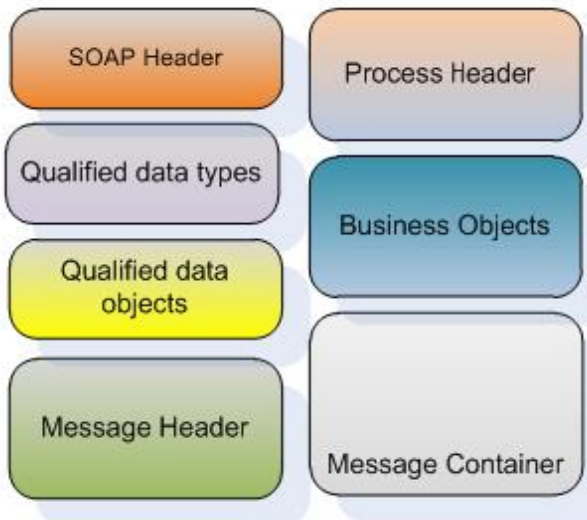
Dynamically resolve the SOAP endpoint location at runtime

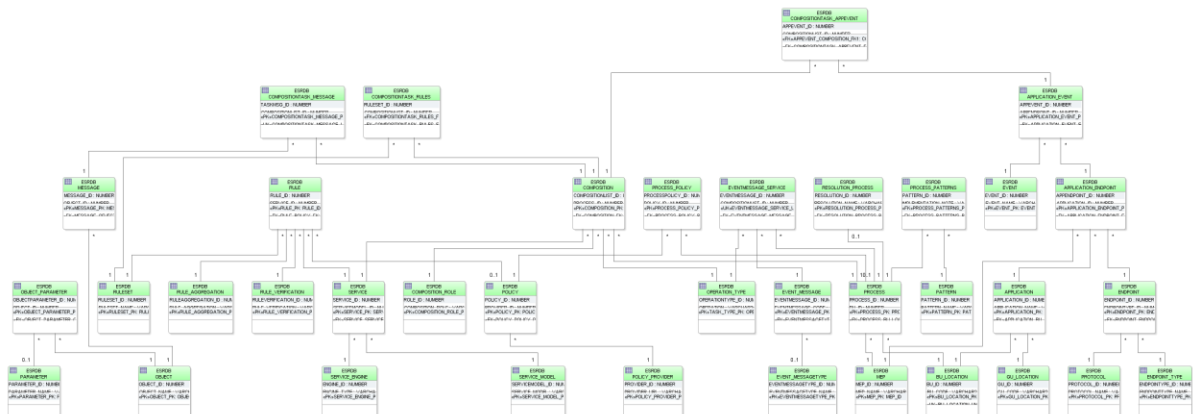
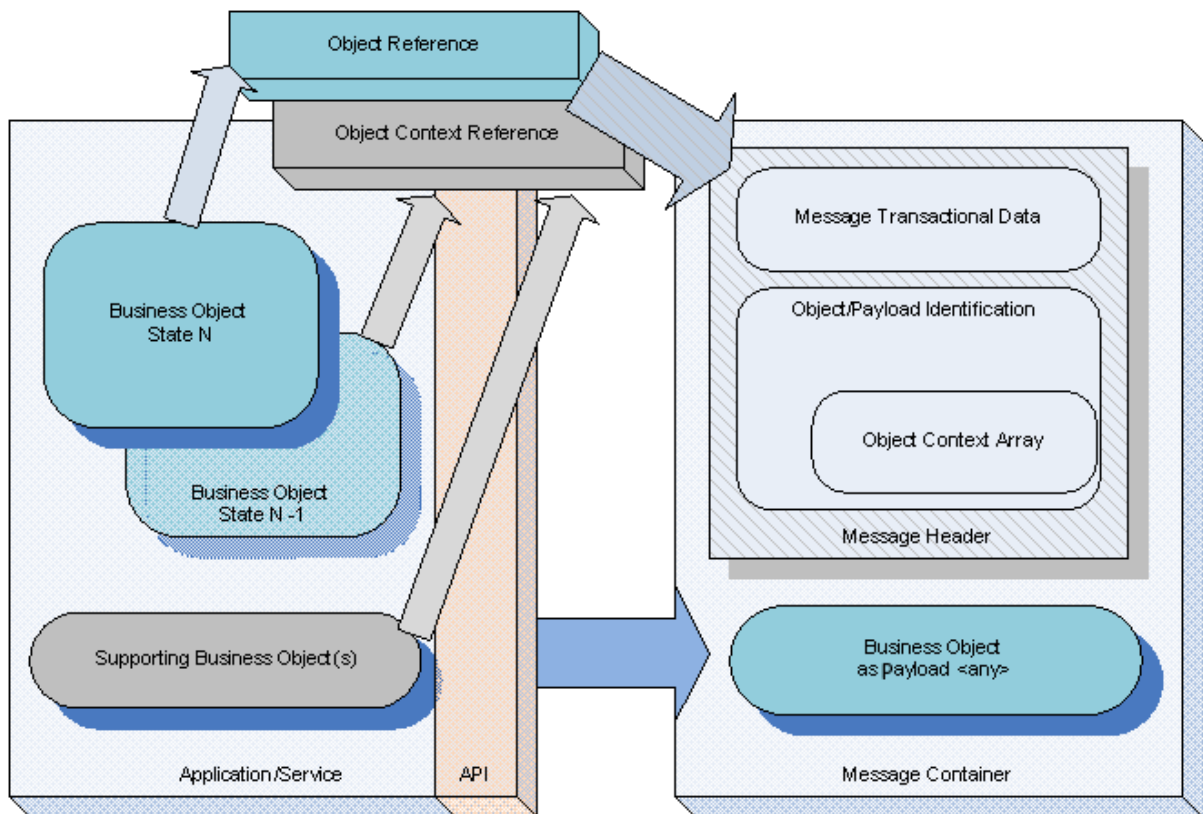
Dynamically resolve the concrete WSDL location at runtime

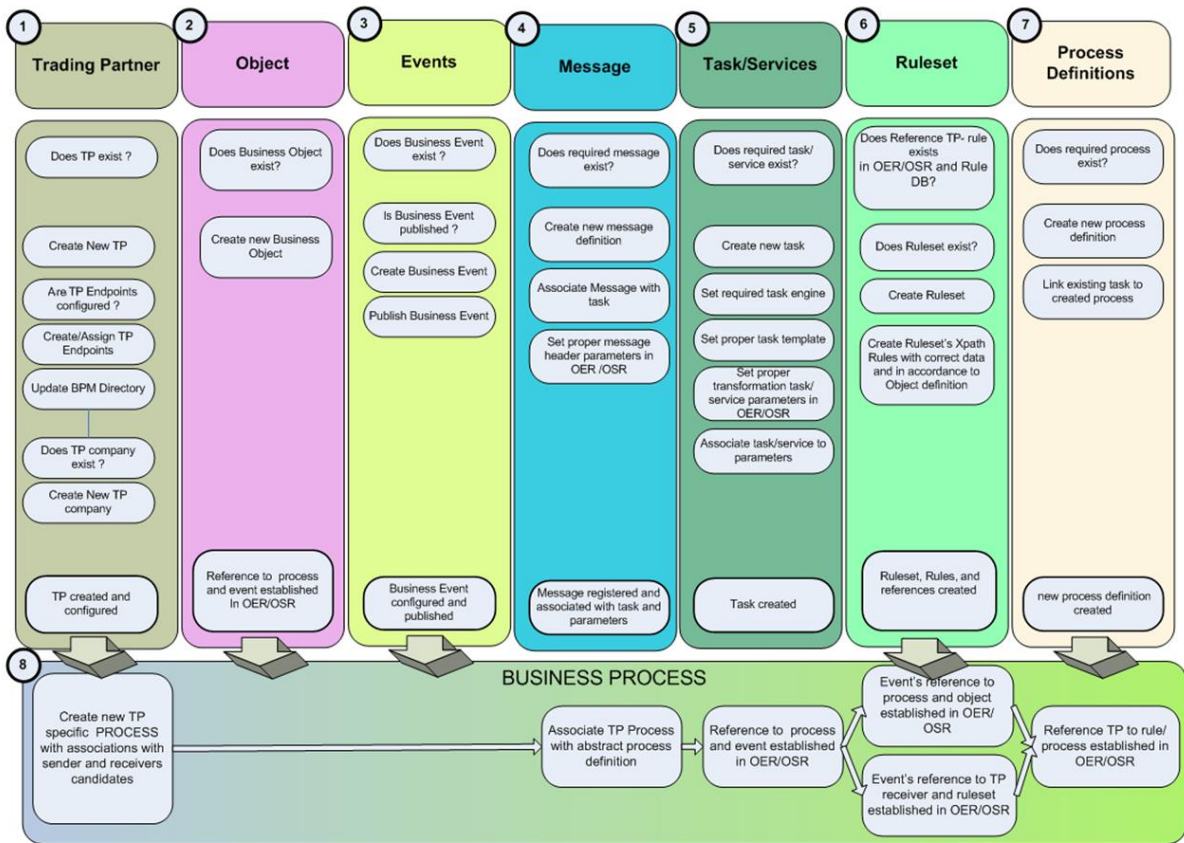




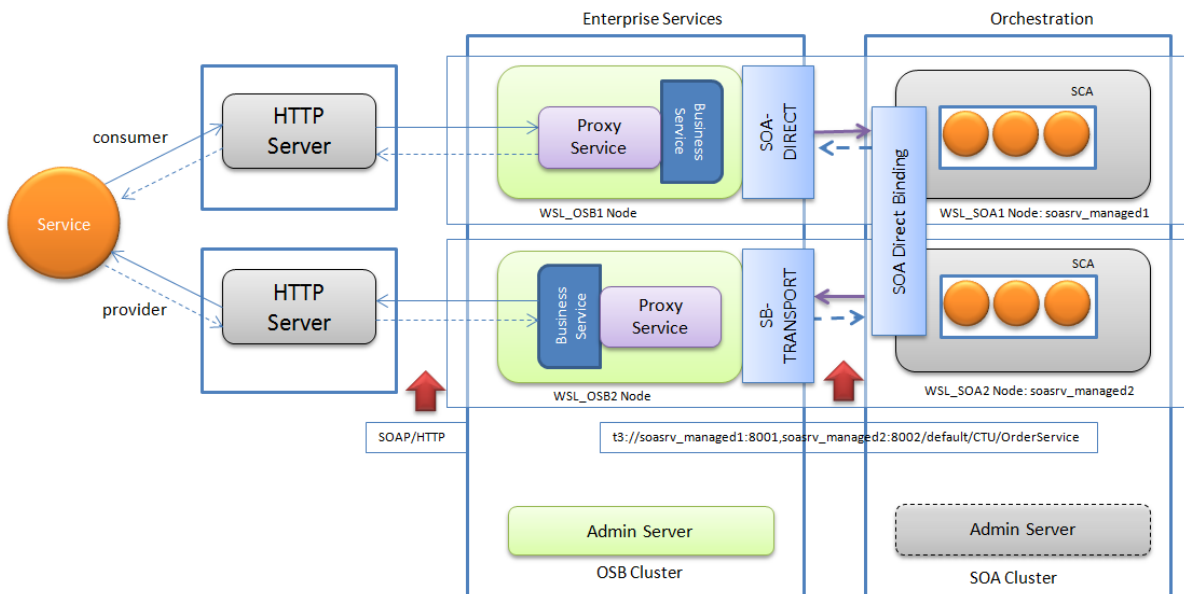


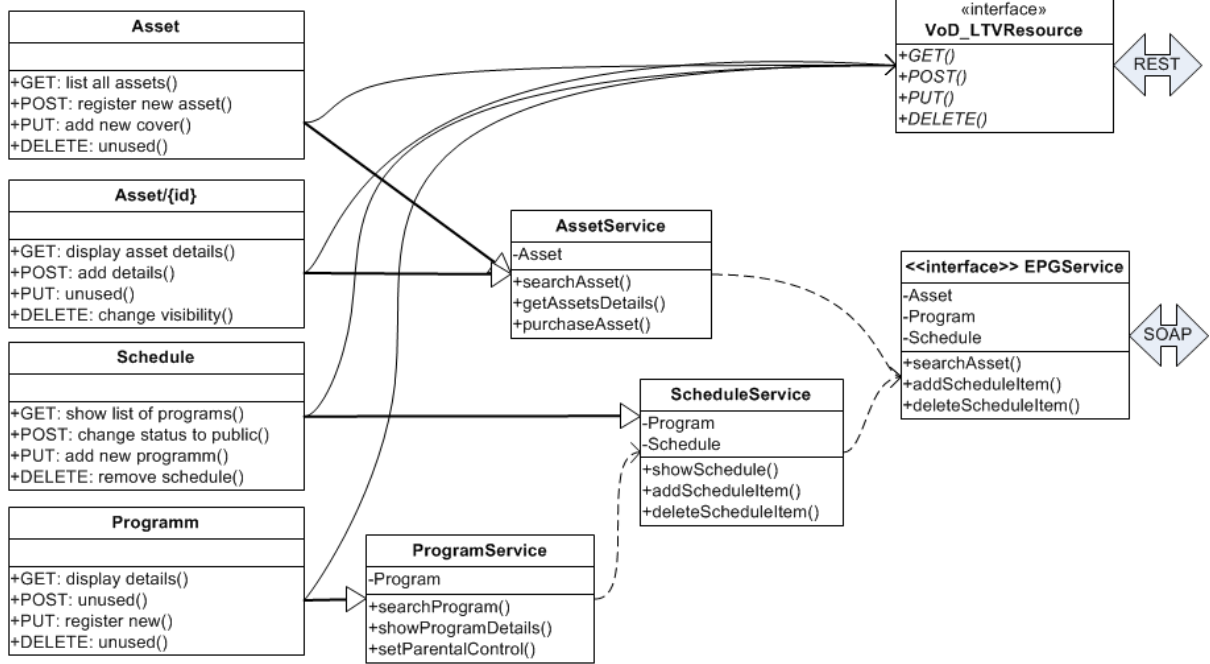






Chapter 6





```

<?xml version="1.0" encoding="UTF-8" standalone="no" ?>
<application xmlns="http://waf1.dev.java.net/2009/02" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <grammar>
    <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" attributeFormDefault="unqualified" elementFormDefault="unqualified">
      <xs:element name="Asset" type="asset"/>
      <xs:element name="Order" type="order"/>
      <xs:complexType name="asset">...</xs:complexType>
      <xs:complexType name="order">...</xs:complexType>
    </xs:schema>
  </grammar>
  <resources base="http://localhost:8181/asm">
    <resource path="/assetservice/">
      <resource path="assets/">...</resource>
      <resource path="assets/{id}/">...</resource>
      <resource path="json/assets/title/{title}/{source}">
        <param name="title" style="template" type="xs:string"/>
        <param name="source" style="template" type="xs:string"/>
        <method name="GET">...</method>
      </resource>
      <resource path="xml/assets/title/{title}/{source}">
        <param name="title" style="template" type="xs:string"/>
        <param name="source" style="template" type="xs:string"/>
        <method name="GET">
          <request/>
          <response/>...</response>
        </method>
      </resource>
    </resources>
  </application>
  
```

```

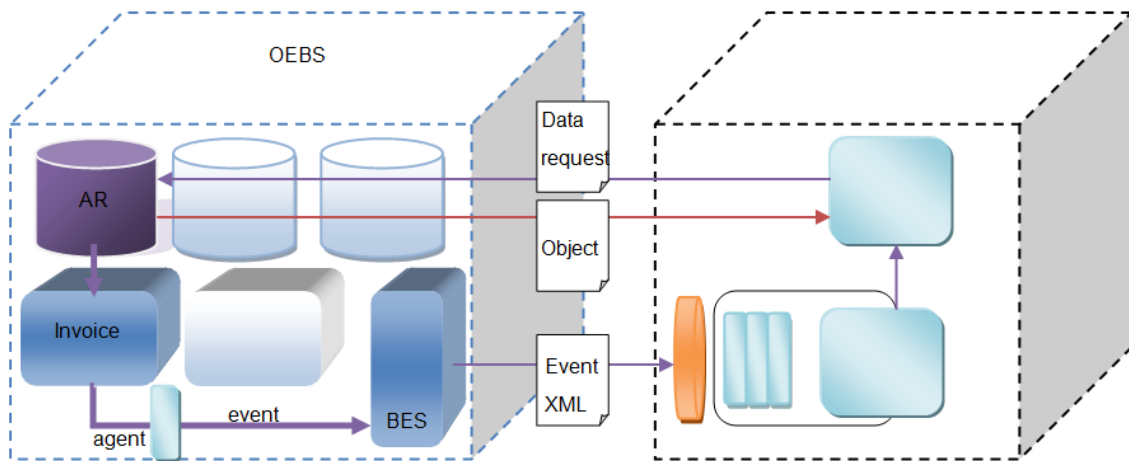
src/main/java
├── com.telco.lgi.cao.cxf.jaxrs
│   ├── Asset.java
│   ├── AssetService.java
│   ├── Order.java
│   └── Product.java
├── com.telco.lgi.cao.cxf.jaxrs.cli
├── src/main/resources
├── src/test/java
├── Referenced Libraries
├── JRE System Library [J2SE-1.5]
├── Maven Dependencies
├── basicsearch
└── src
  
```

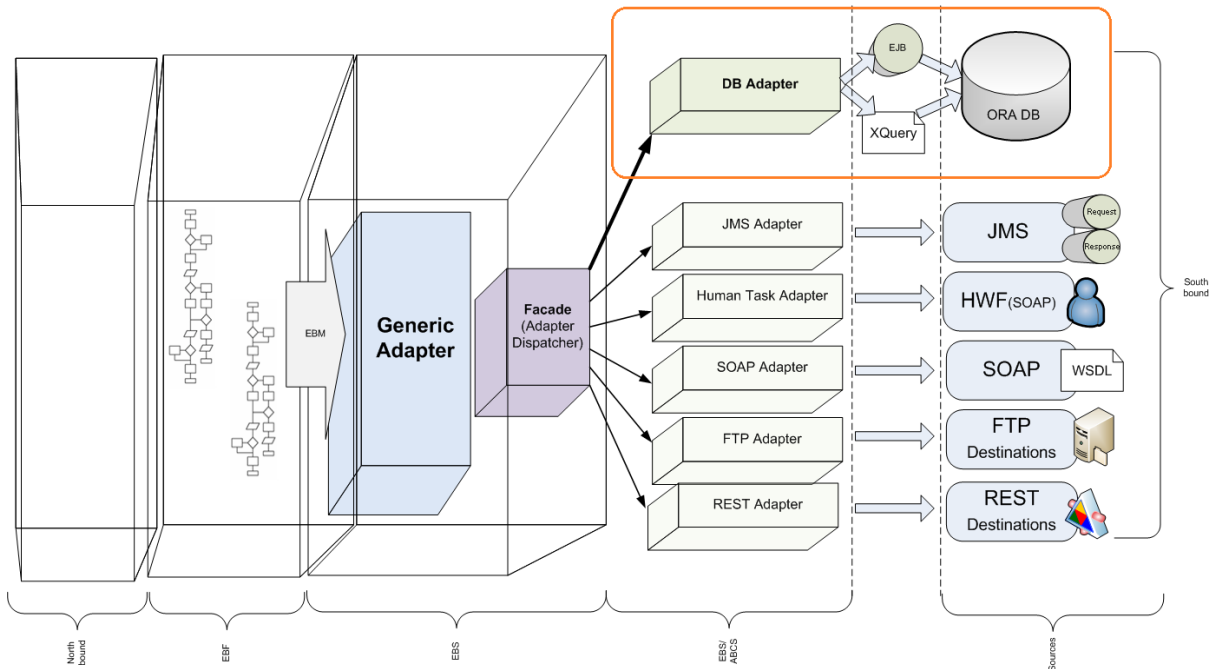
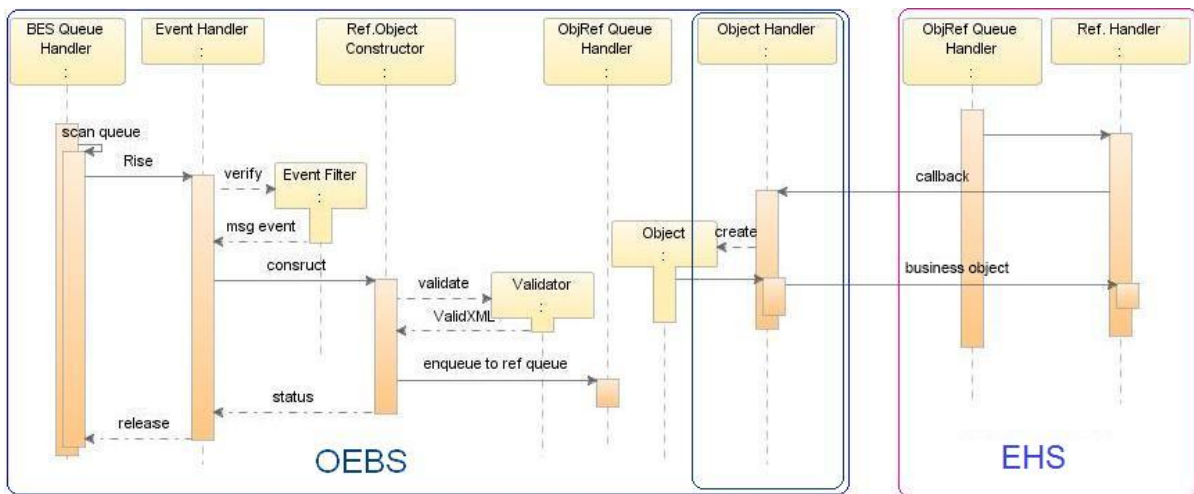
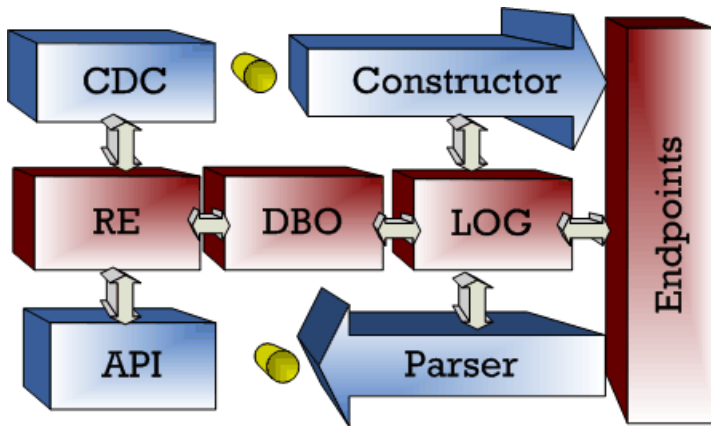
```

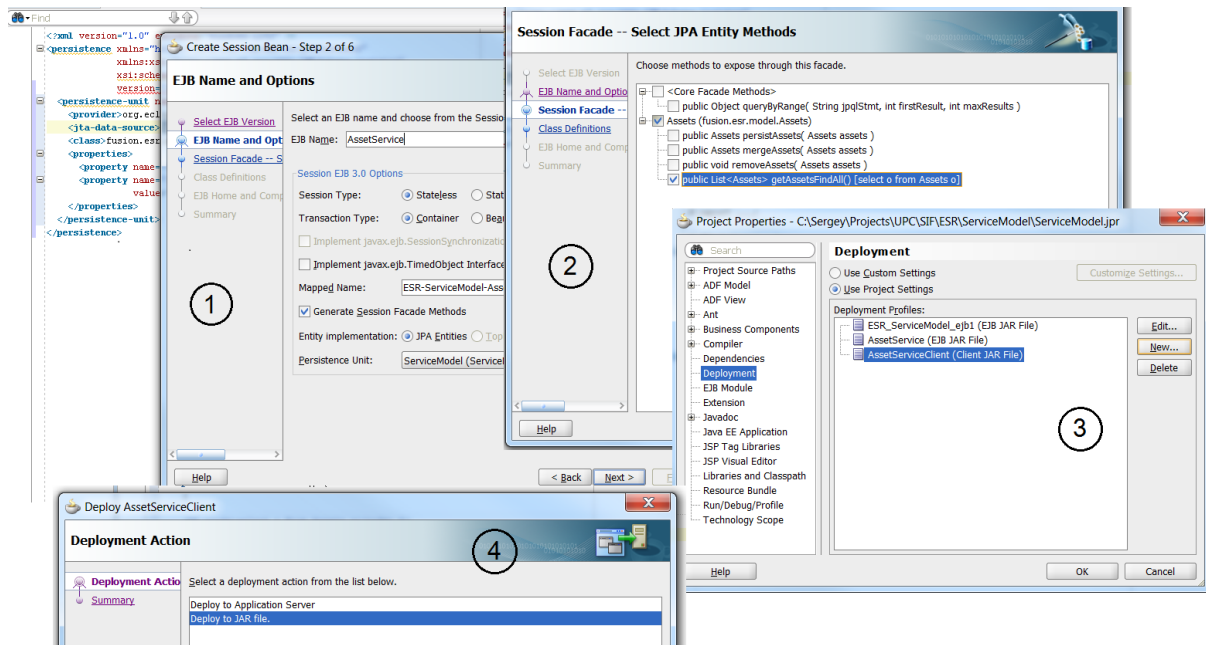
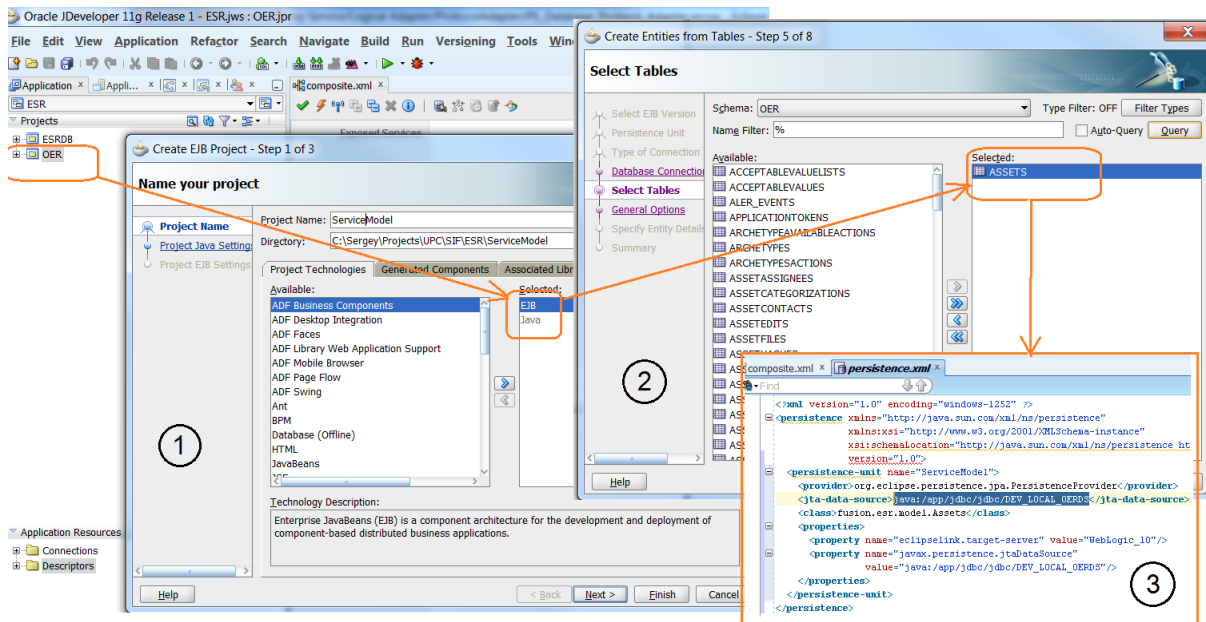
@GET
@Path("/json/assets/title/{title}/{source}")
@Produces("application/json")
public List<Asset> getAssetByTitleJSON(...
    List<Asset> Assets = getAssetList(...
}

return Assets;
}

@GET
@Path("/xml/assets/title/{title}/{source}")
@Produces("application/xml")
public List<Asset> getAssetByTitleXML(...
    List<Asset> Assets = getAssetList(...
}
  
```







Create a new Business Service

Use this page to select the name and location of the service.

Enter or select the parent folder:
OneFusion_BUS/Resources/Business Service

File name: BS_AssetService

Transport Configuration

Use this page to configure the transport information for this service.

Configuration

Protocol: jejb
Load Balancing Algorithm: round-robin
Endpoint URI: Format: jejb:<jndi_provider_name>:service_name
Existing URIs: jejb:FusionNDIprovider:ESR-ServiceModel-AssetService#fusion.esr.model.ejb.AssetService

Retry Count: 0
Retry Iteration Interval: 30
Retry Application Errors: No

Configuration

Use this page to configure protocol-dependent transport information for this service.

Dispatch Policy: default
EJB Spec Version: 3.0
Pass XMLBeans by value: Yes
Pass Caller's Subject: No

Service account: [empty]
Client Jar: Fusion_BUS/Resources/JARs/Asset/AssetServiceClient
Business Interface: fusion.esr.model.ejb.AssetService
Target Namespace: http://www.openuri.org/

Methods:

Enable	Method Name	Method Properties
<input checked="" type="checkbox"/>	getAssetsFindAll	Operation: getAssetsFindAll Return: Type: List, Name: return

Select a Service Resource

type filter text

- Resources
 - Business Service
 - ExecutionPlanLookupService
 - Physical Adapter
 - BS_AssetService.biz
 - Proxy Service
 - FusionTest
 - PollerE2ETest
 - ReferenceData

OK Cancel

Routing

Service: * [empty] Browse

Comment

Routing

Service: * Fusion_BUS/Resources/Business Service/BS_AssetService Browse

Comment

Invoking: Operation

Namespaces Use inbound operation for outbound

GenericAdapter

- XQ_CreateResponseObjectContext.xq
- XQ_DeleteExecutionPlan.xq
- XQ_GetReferenceData.xq
- XQ_InboundMsg_toUPCMessage.xq
- XQ_InsertExecutionPlan.xq
- XQ_PE_CreateAdapterErrorResponse
- XQ_PE_CreateAdapterMessageResp
- XQ_Request_TransformationServiceI

Expression Functions

- Service Bus Functions
 - isUserInGroup
 - isUserInRole
 - lookupBasicCredentials
 - uuid
- XQuery Functions
 - Type Conversion Functions
 - String Functions
 - Numeric Functions
 - Aggregate Functions

Expression Variables

- Source
 - executionPlan
 - correlationId

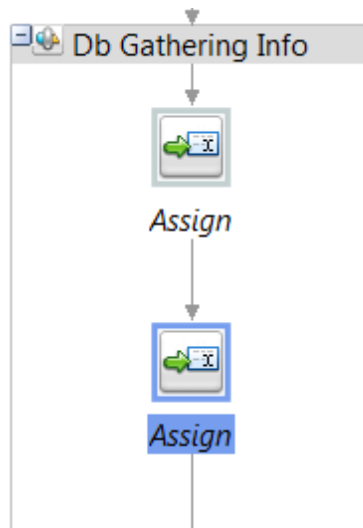
Source

- executionPlan
- defaultPlanLocation
- statusPlanLocation
- rollbackPlanLocation
- defaultPlanName
- statusPlanName
- rollbackPlanName
- objectId
- dynamicPlanMode
- Version
- Name
- ProcessTrackingLevel
- taskList
- action
- task
 - event
 - loopOverName
 - loopOver
 - transform
 - invoke
 - taskDomain
 - taskName
 - location

Target

- OsExecutionPlansCollection
 - OsExecutionPlans
 - correlationId
 - insertDate
 - taskData
 - taskDomain
 - taskOperation

Design Source Test



Transport Message Handling Security Message Flow

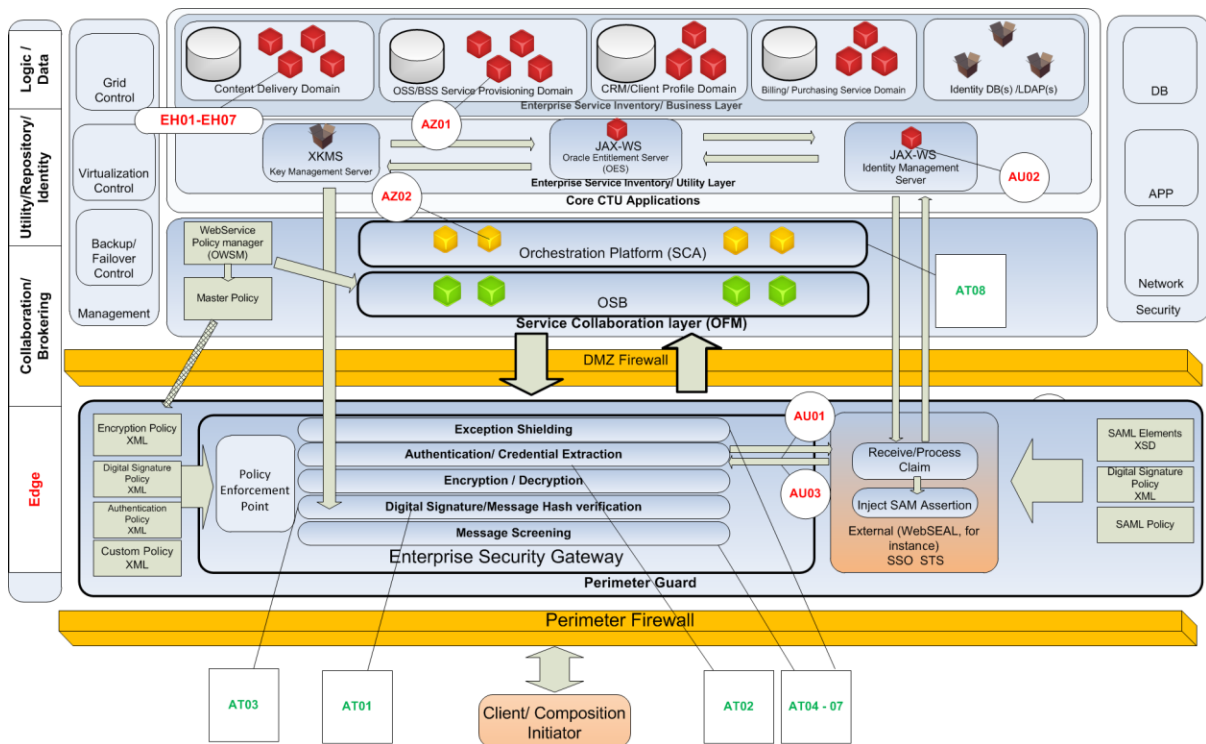
Expression: * \$body/*:CTUMessage/*:Payload/*:AdapterMessage/*:payload/*

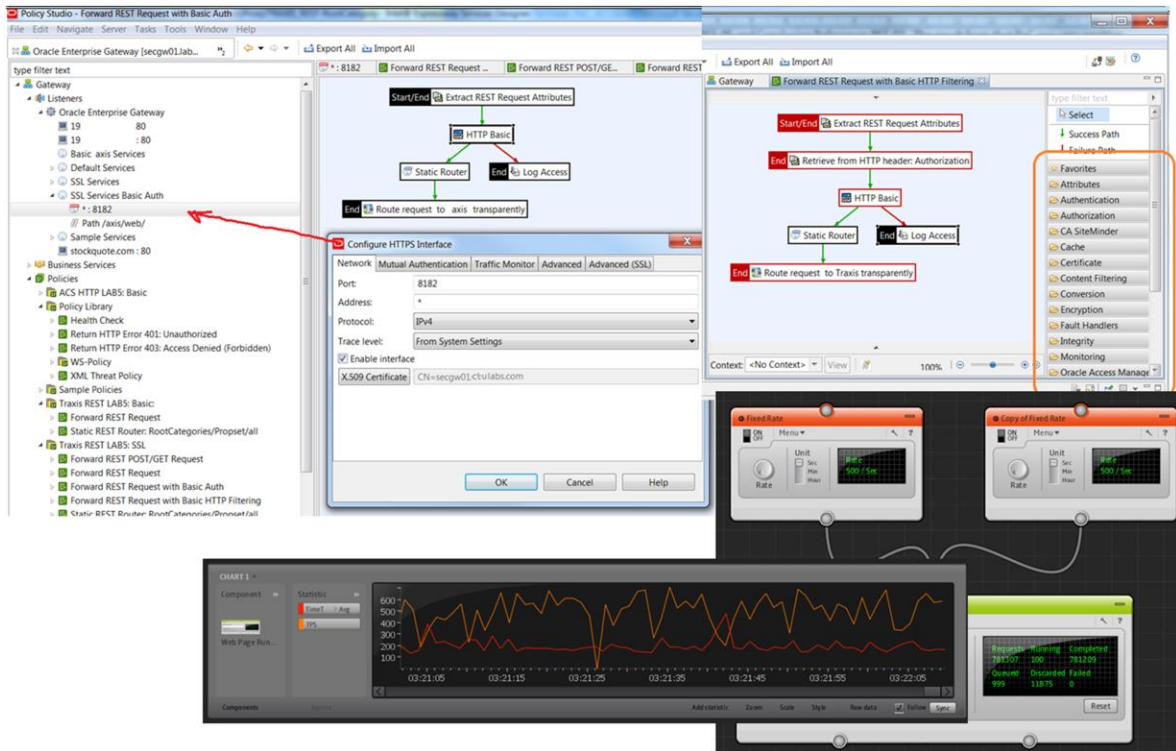
Variable: * query

The image shows a screenshot of the Oracle Service Bus configuration interface. It features three main components:

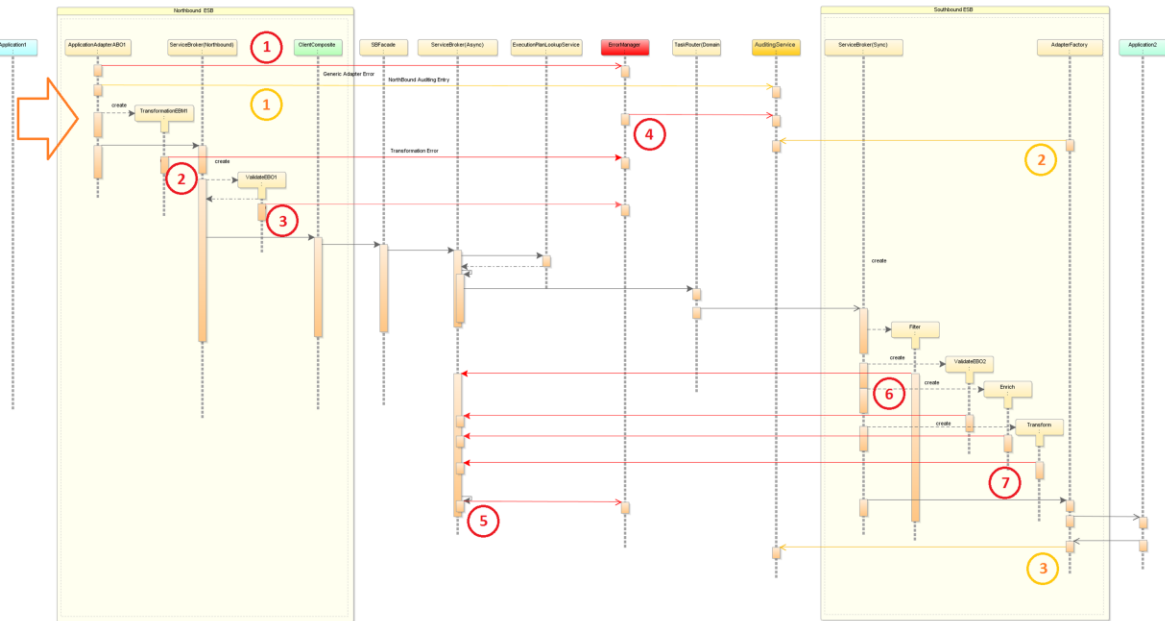
- 1**: A workflow diagram with an **If** condition. The condition is: `boolean(count($query/*:Sql)=1) and boolean(starts-with(upper-case($query/*:Sql),SELECT))`. An arrow points from this condition to the XQuery editor.
- 2**: The **XQuery/XSLT Expression Editor** window. It shows the XQuery: `concat($query/*:Sql/text(), ...)` and the Bind Variables: `database concat($database, ...)`.
- 3**: The **Service Callout** task configuration. The **Service** is set to `Fusion_BUS/Resources/Business Service/Physical Adapter/ProtocolAdapter/BS_Database_Protocol_Adapter_1.0` and the **Invoking** action is `executeSQL`. The **Request Variable** is `executeSQLRequest` and the **Response Variable** is `executeSQLResponse`.

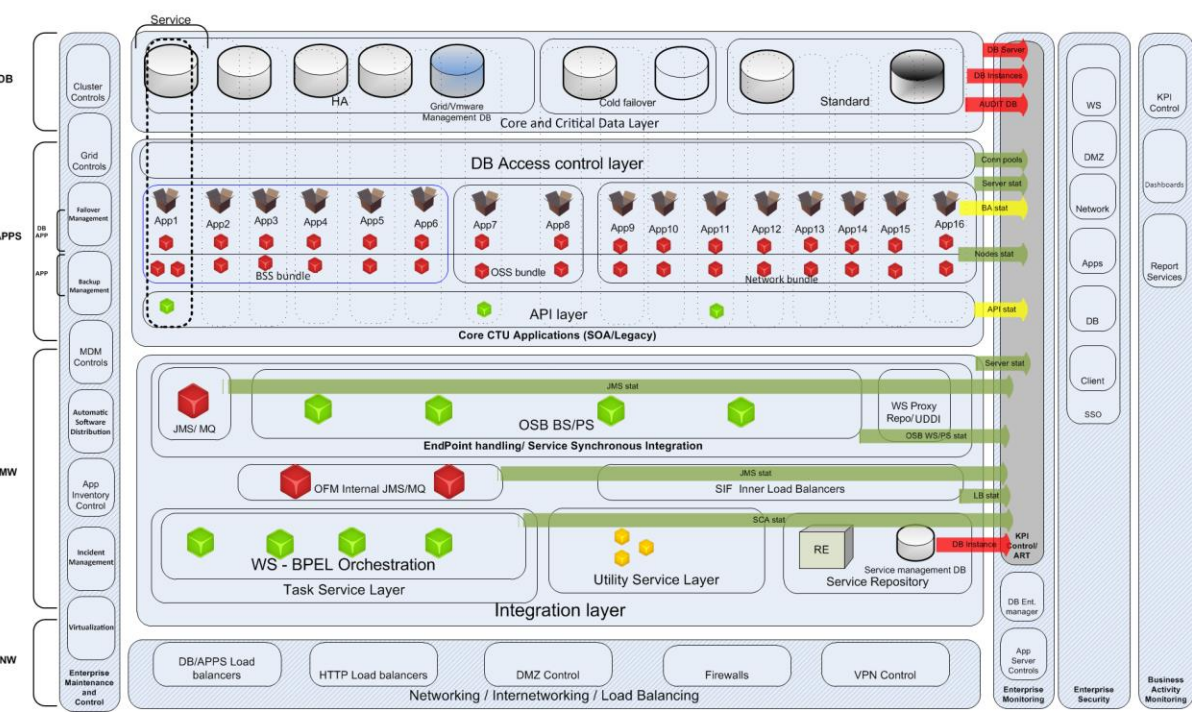
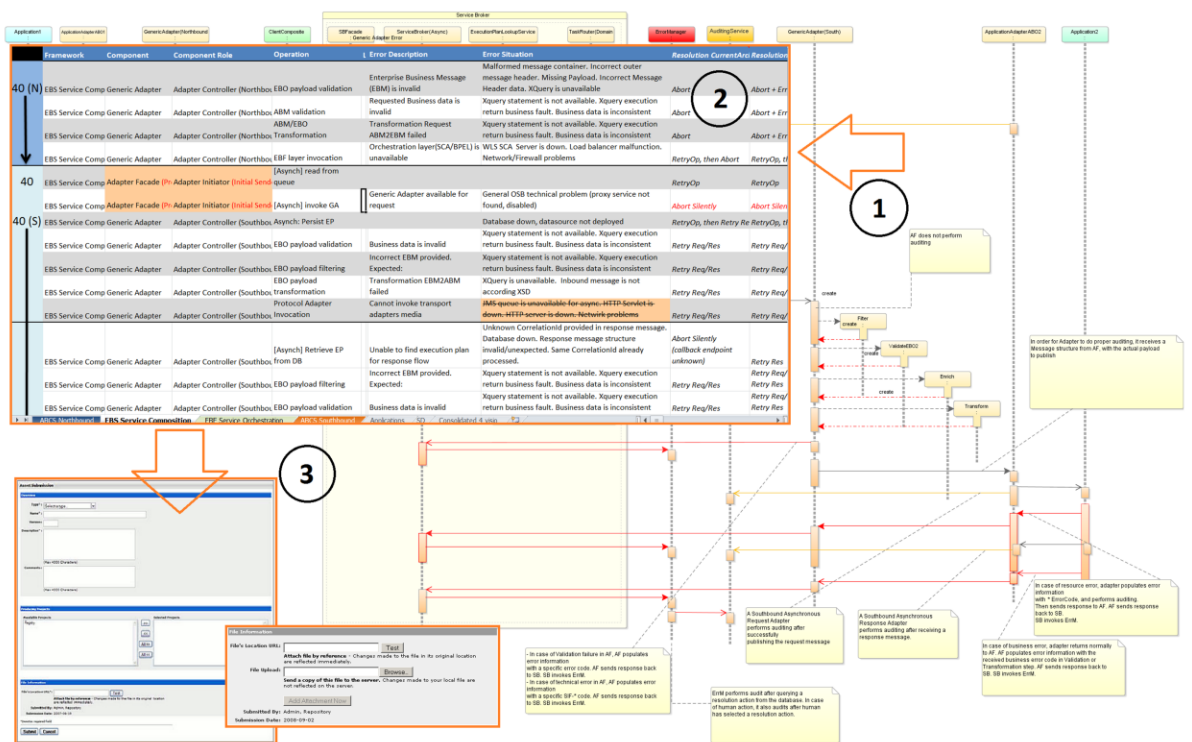
Chapter 7

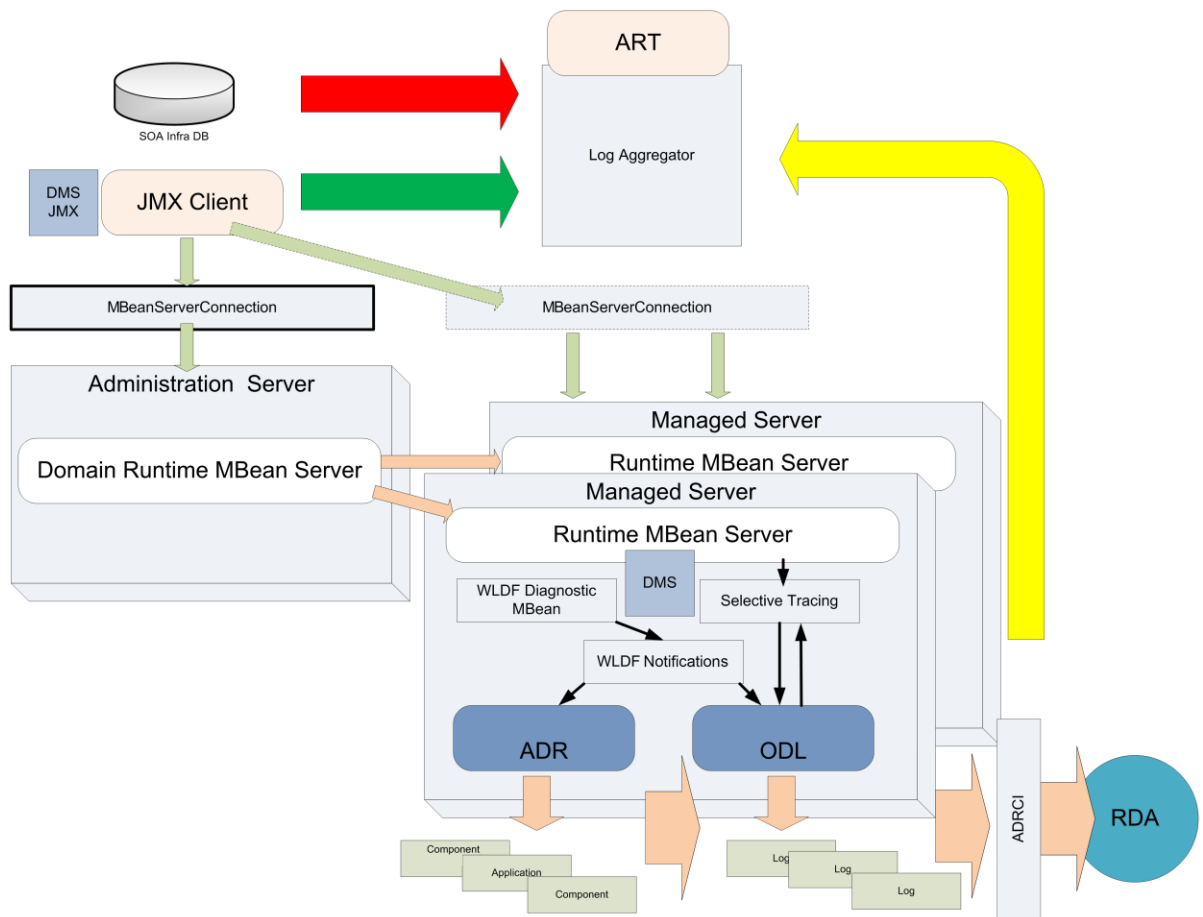


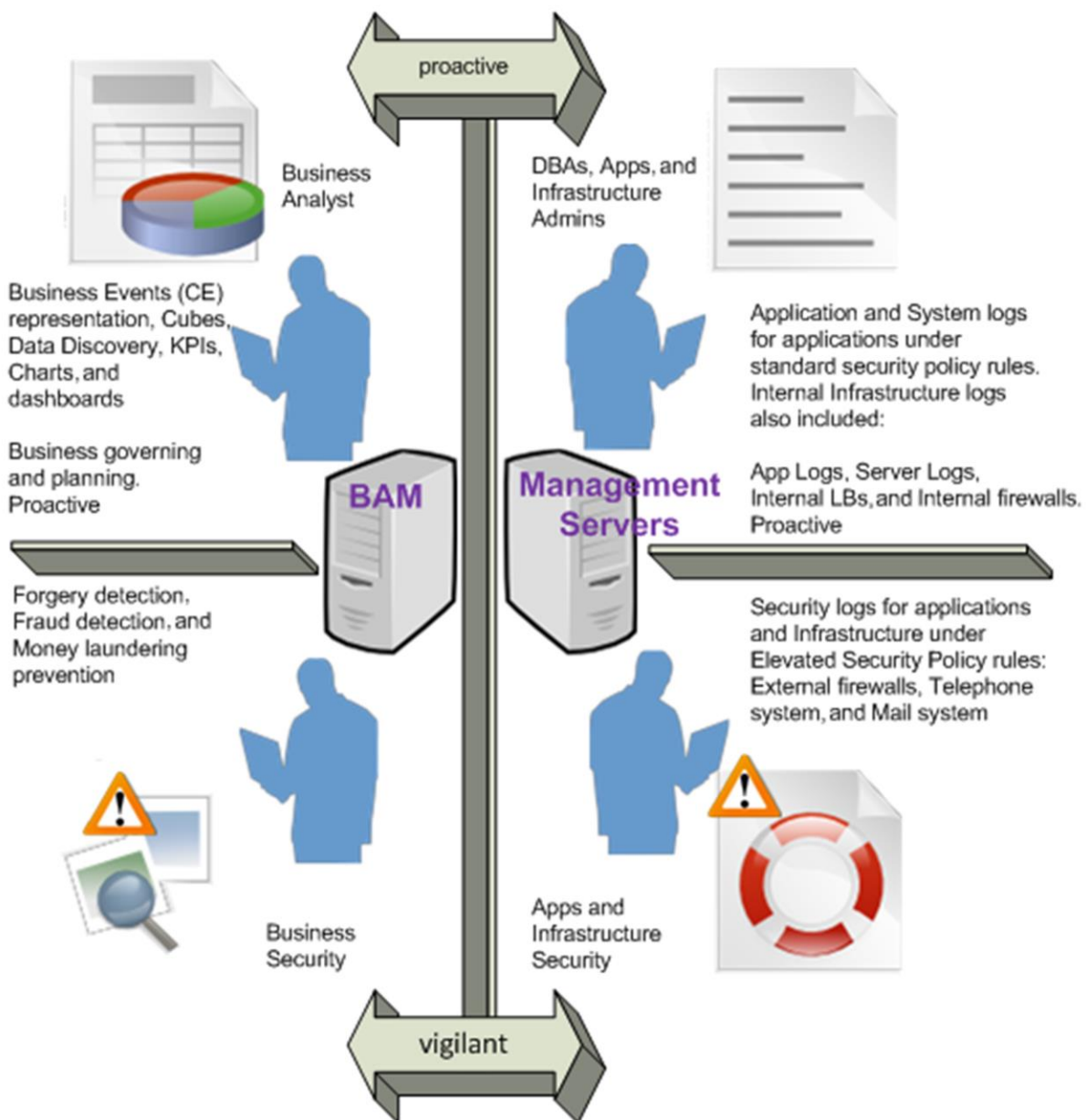


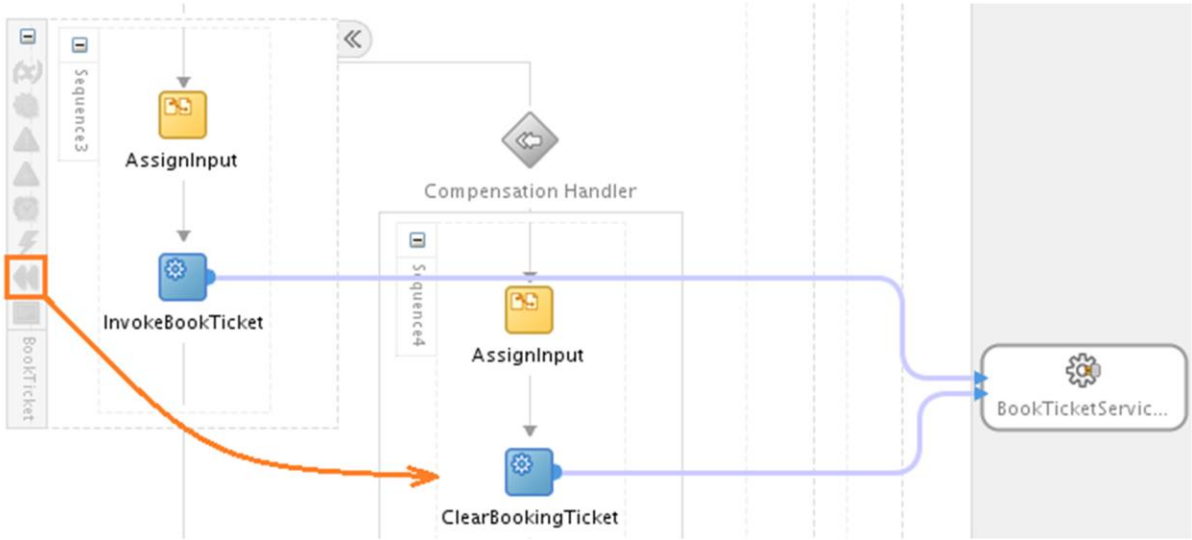
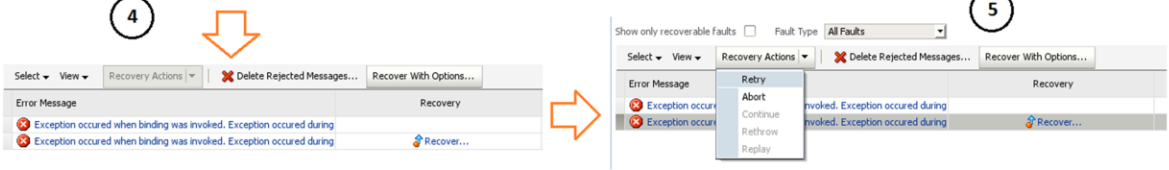
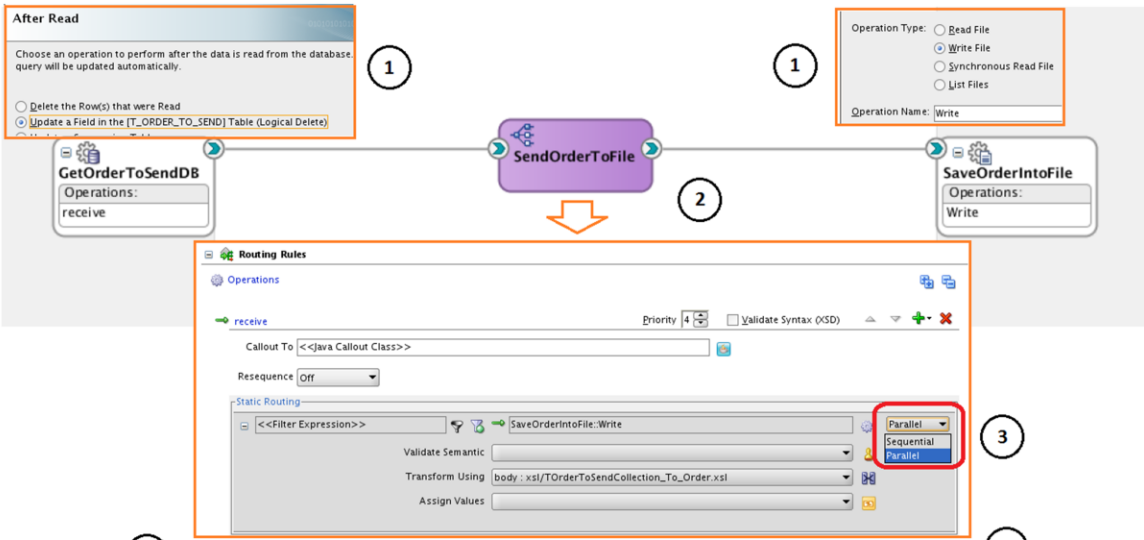
Chapter 8











The top part of the image shows a workflow diagram. It starts with an **Error Handler** activity, followed by a **Log** activity, and then an **If Then** activity. The **If Then** activity has two branches: **If: fn:exi...** and **Else If: data(\$...**. The **Else If** branch leads to a **Reply** activity. A red box highlights the **Else If** condition, and a red arrow points from it to the **XQuery Condition Editor** dialog box below.

The **XQuery Condition Editor** dialog box has the following content:

XQuery Condition Editor

This page allows you to configure an XQuery condition using XQuery text or using a condition builder.

Expression: `data($fault/ctx:errorCode) = 'CTUFusion-400020'`

Variable S... »2

- attachmen
- body
- fault
- header

Buttons: Add, Rem, OK, Cancel, Test

The bottom part of the image shows the **Service Policy Configuration** tool. It displays a list of policies under **WLS 9 Policies** and **OWSM Policies**. A red box highlights the **Request Policies** section, which contains an **<Undefined Policy>** entry. An orange arrow points from this entry to the **Select a Policy Resource** dialog box on the left.

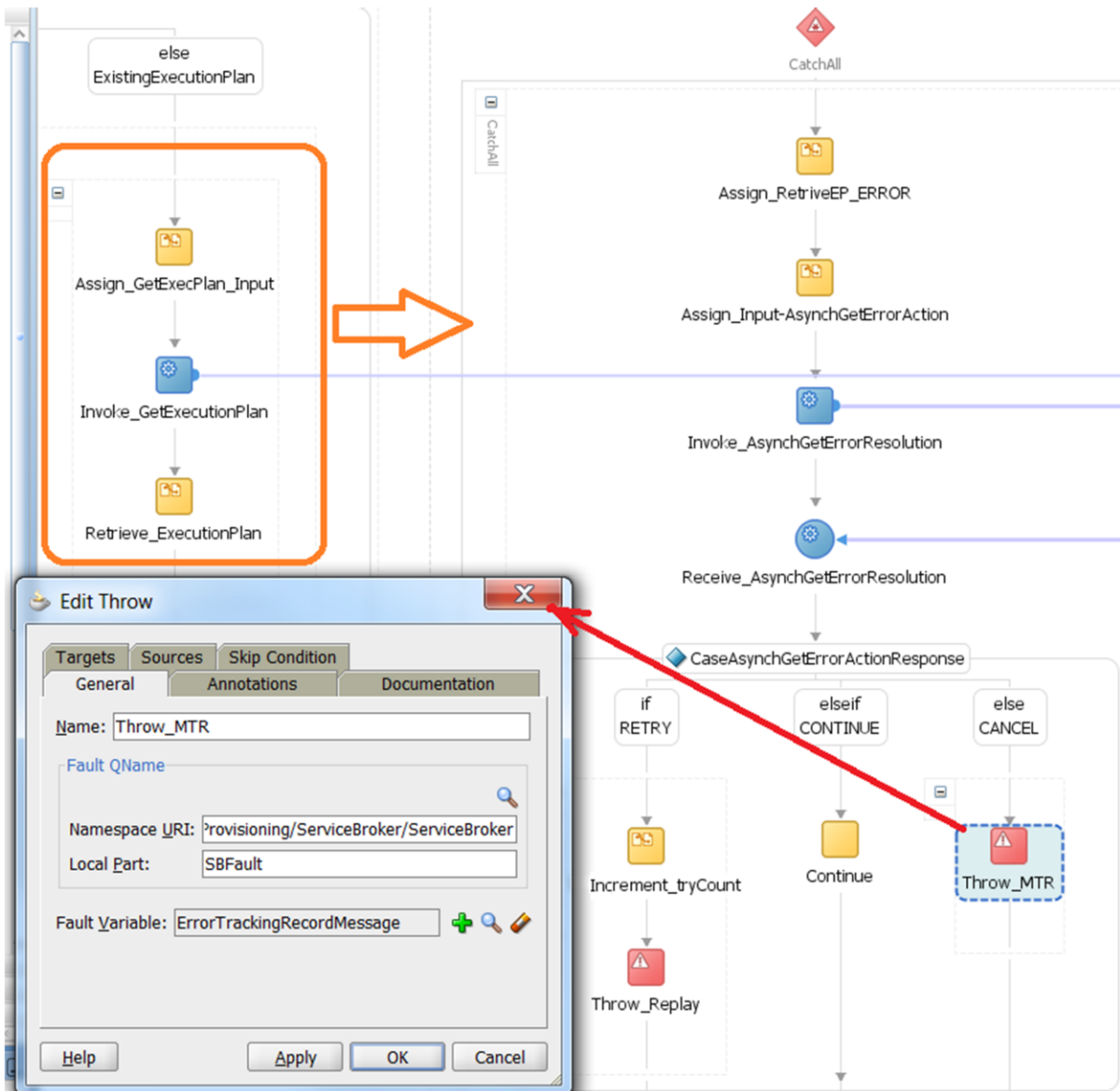
The **Select a Policy Resource** dialog box shows a list of policy resources:

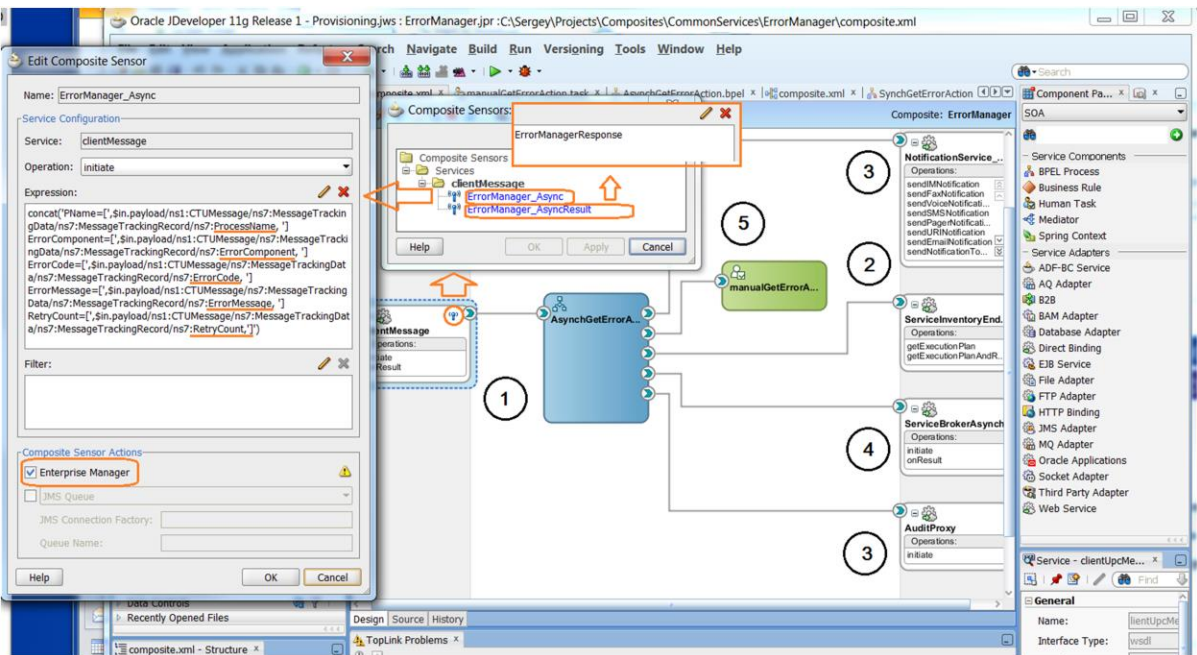
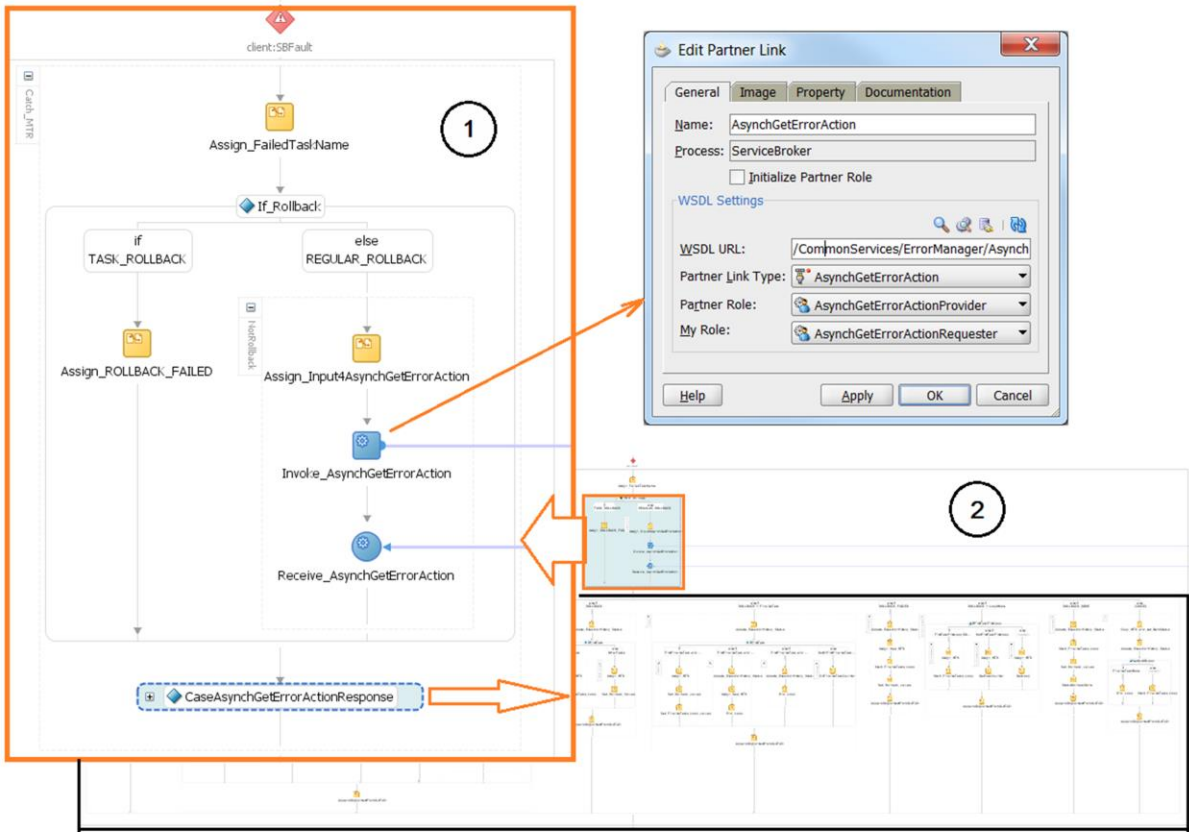
- Auth.xml
- DefaultReliability.xml
- Encrypt.xml
- LongRunningReliability.xml
- Sign.xml
- Wssp1.2-Https.xml
- Wssp1.2-Https-BasicAuth.xml
- Wssp1.2-Https-ClientCertReq.xml

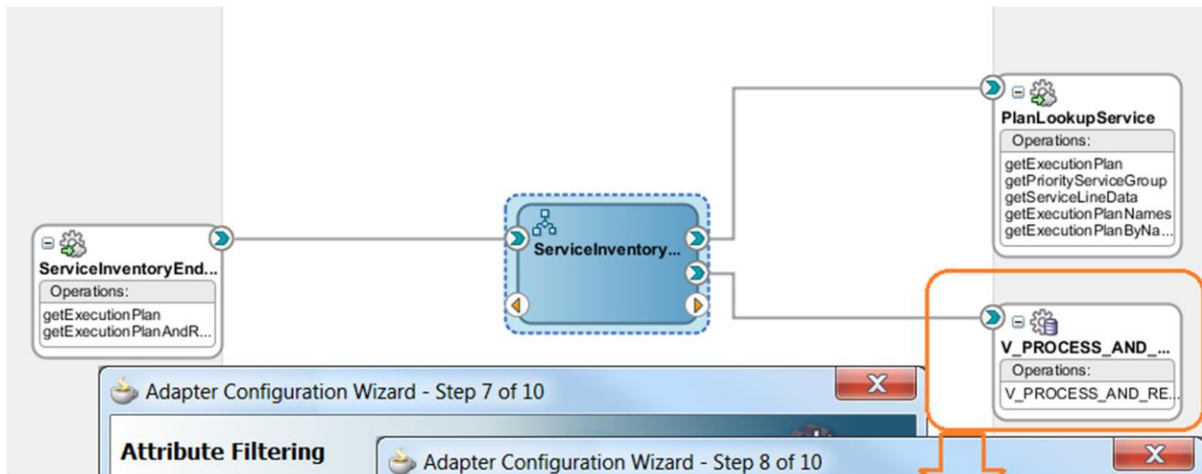
Buttons: OK, Cancel

The **Service Policy Configuration** tool also shows a configuration dialog for the selected policy, with the following settings:

- Retry Count**: 3
- Retry Iteration Interval**: 15
- Retry Application Errors**: Yes, No







Adapter Configuration Wizard - Step 7 of 10

Attribute Filtering

Uncheck any attributes that you
Primary key attributes cannot be

- V_PROCESS_AND_RESO
- priority
- processName
- affiliate
- processId
- serviceId
- serviceName
- errorCode
- eventmessageName
- retryCount
- retryInterval
- operationtypeId
- resolutionAction
- resolutionProcessId
- resolutionName

Select All Deselect All

Help

Adapter Configuration Wizard - Step 8 of 10

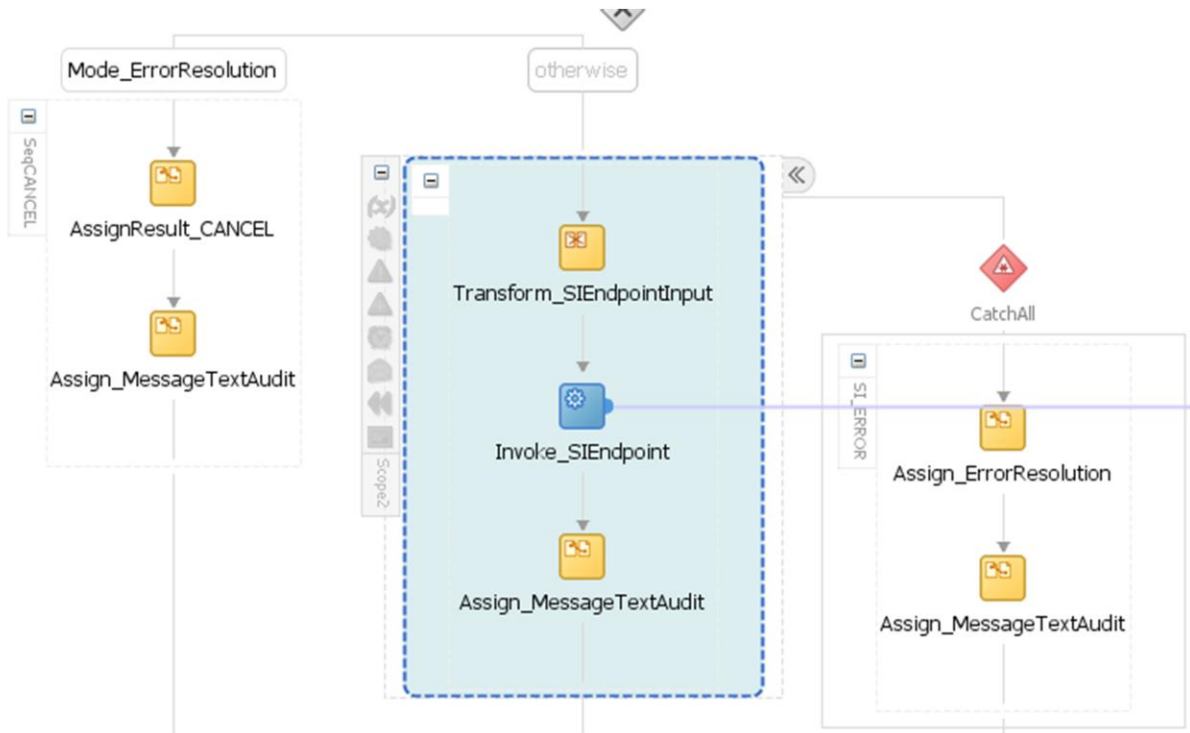
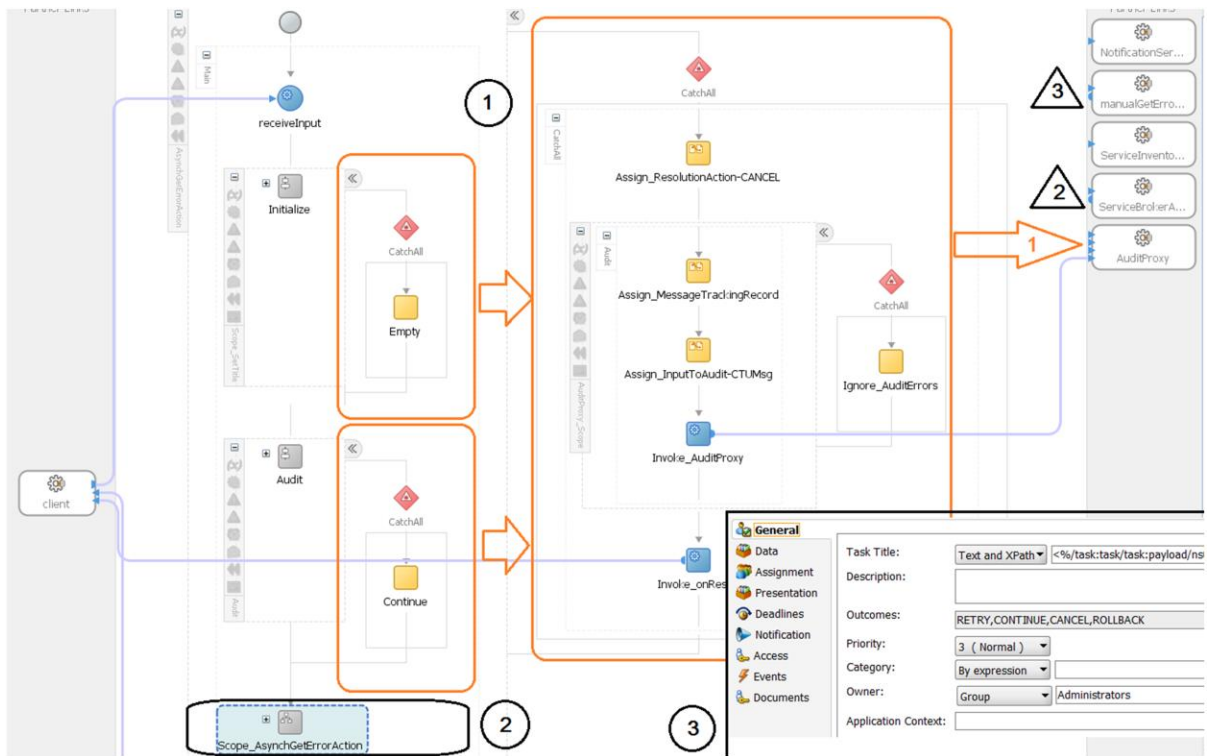
Define Selection Criteria

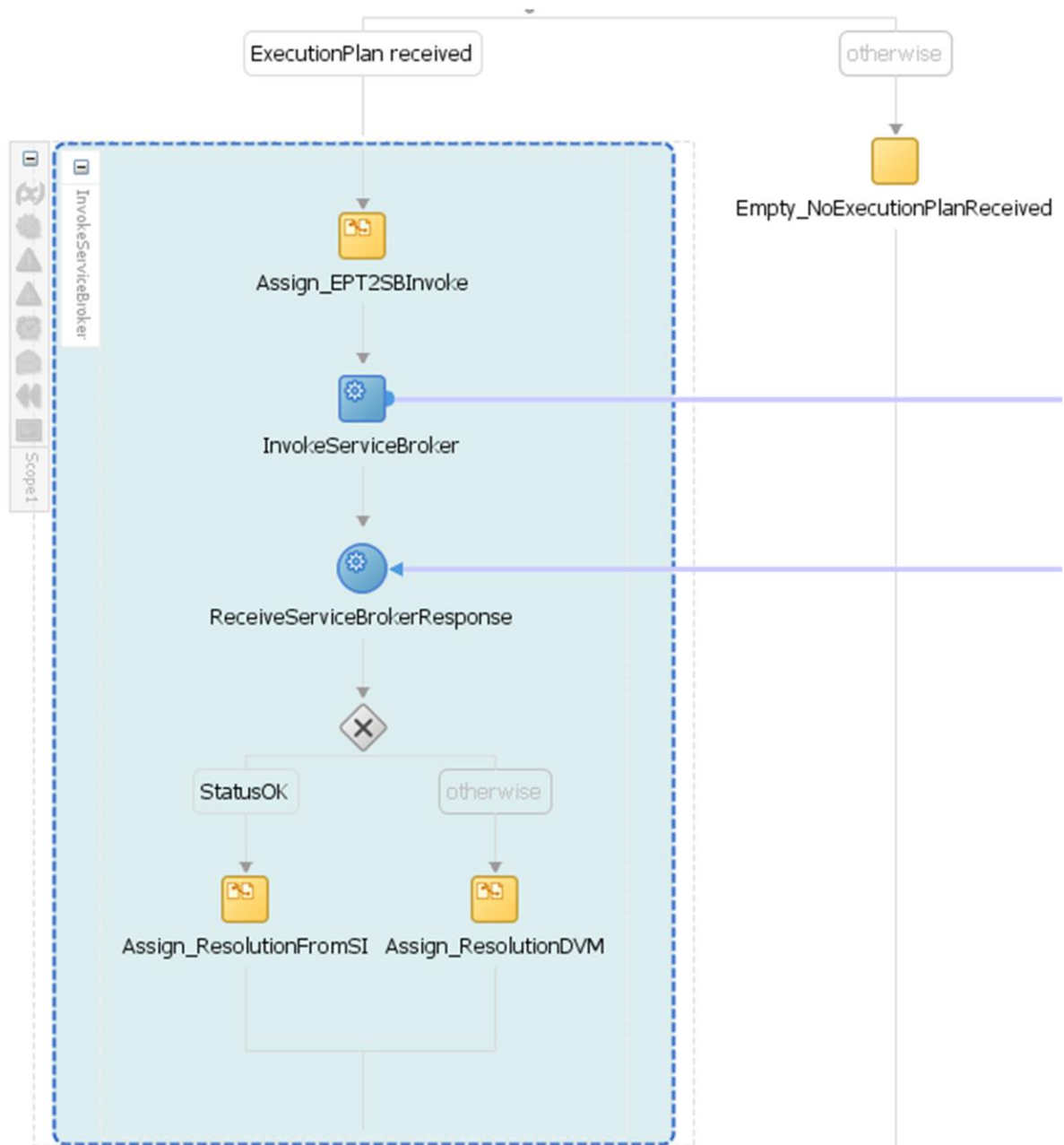
Define the selection criteria for the SELECT query of this service. To use the graphical Expression Builder to create the expression, click the 'Edit...' button. To define your own custom Select SQL, modify the pre-generated SQL string. To use runtime parameters in your expression, add them here before defining the expression.

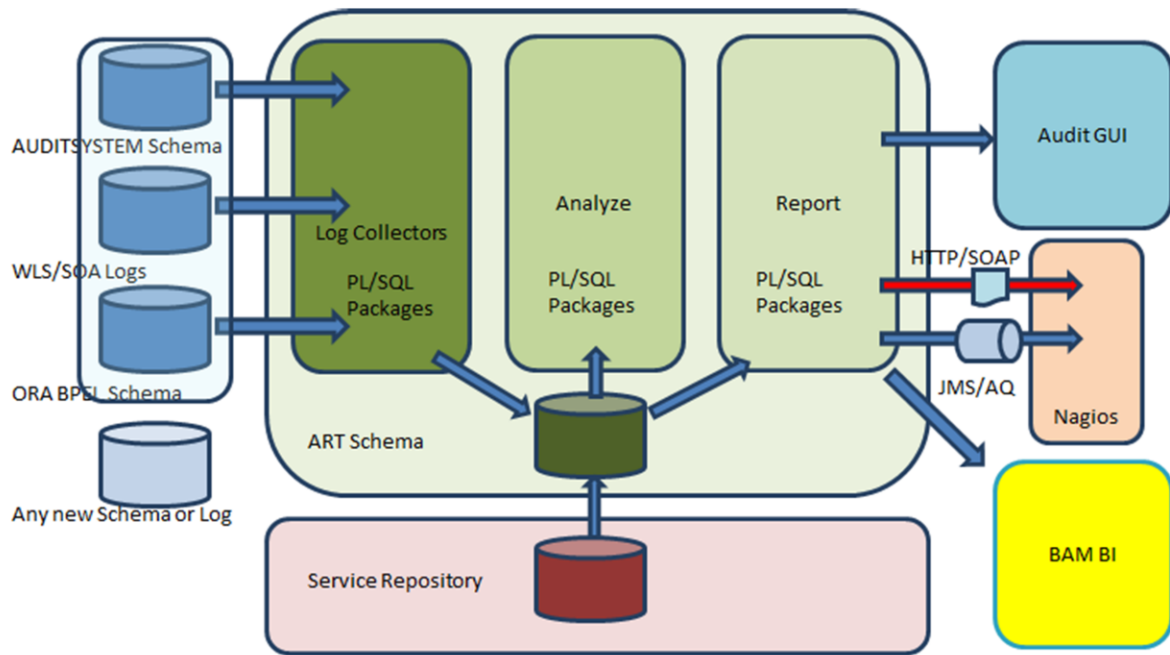
Parameters: SERVICE_NAME Add... Remove
PROCESS_NAME
ERROR_CODE
RETRY_COUNT

SQL: (SELECT PRIORITY, PROCESS_NAME, AFFILIATE, PROCESS_ID, SERVICE_ID, SERVICE_NAME, ERROR_CODE, EVENTMESSAGE_NAME, RETRY_COUNT, RETRY_INTERVAL, OPERATIONTYPE_ID, RESOLUTION_ACTION, RESOLUTION_PROCESS_ID, RESOLUTION_NAME FROM V_PROCESS_AND_RESOLUTION WHERE (((SERVICE_NAME = #SERVICE_NAME) AND (ERROR_CODE = #ERROR_CODE) AND (PROCESS_NAME = #PROCESS_NAME) AND (#RETRY_COUNT <= RETRY_COUNT)) OR ((SERVICE_NAME = #SERVICE_NAME) AND (PROCESS_NAME = #PROCESS_NAME) AND (ERROR_CODE IS NULL) AND (#RETRY_COUNT <= RETRY_COUNT)) OR ((SERVICE_NAME IS NULL) AND (PROCESS_NAME =

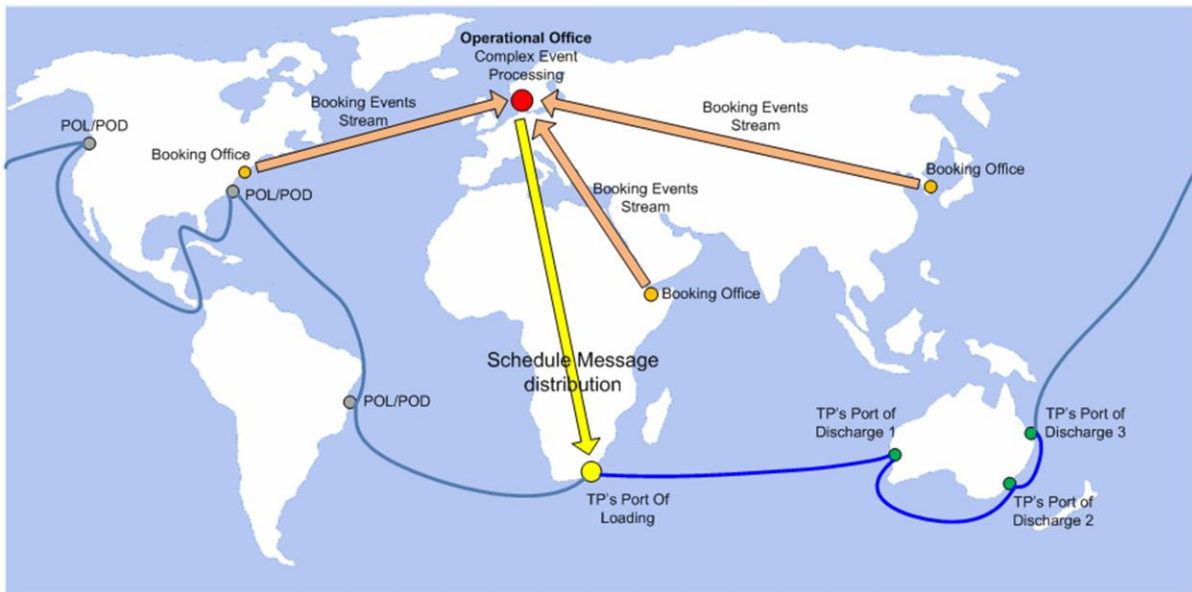
Use Outer Joins to return a Single Result Set for both Master an...

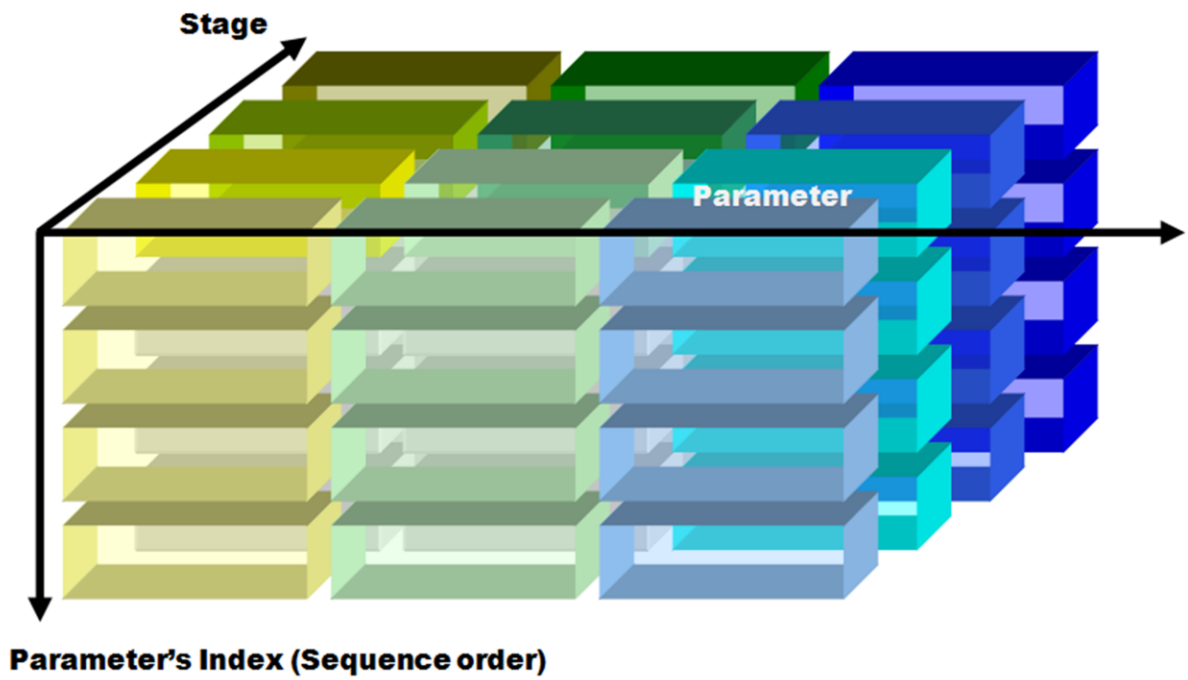
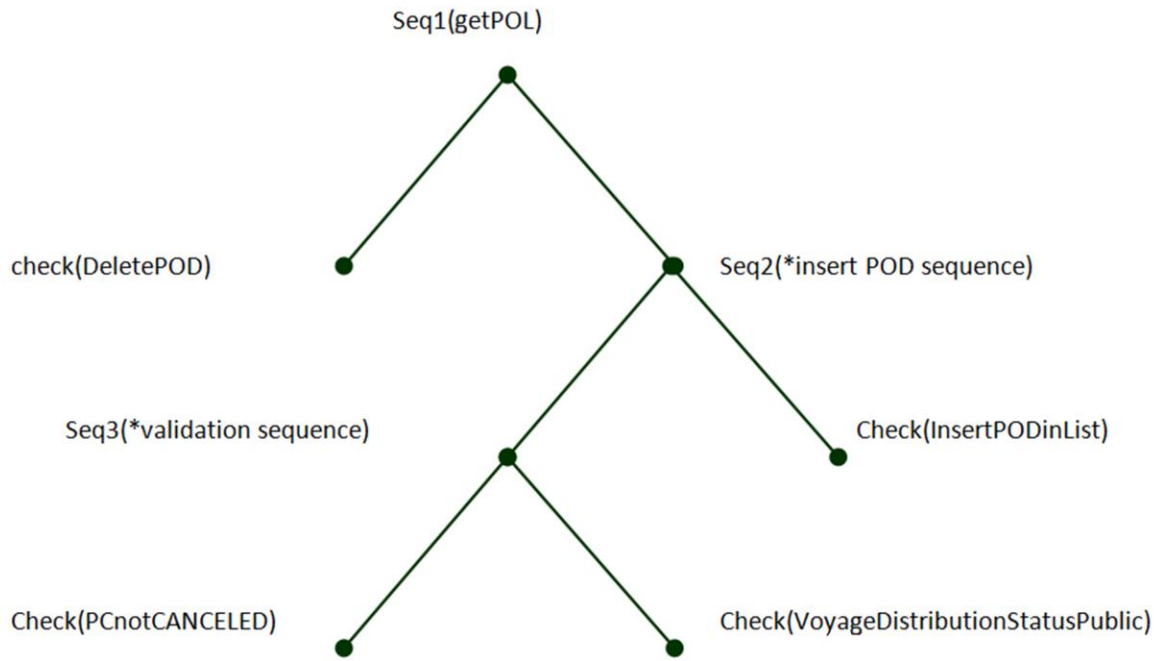


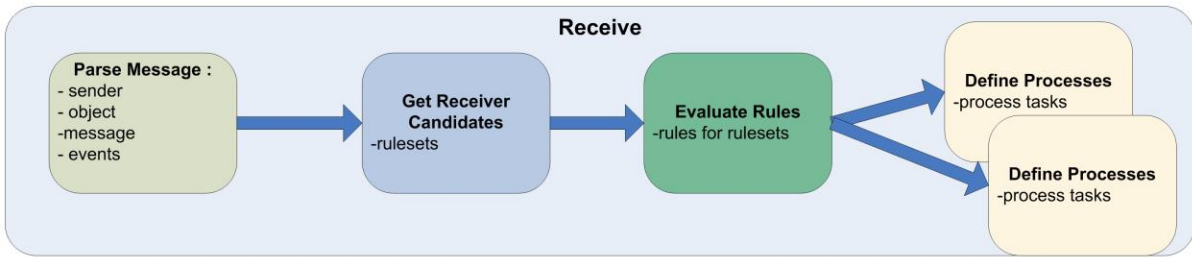
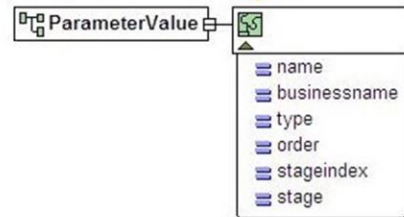
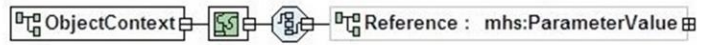




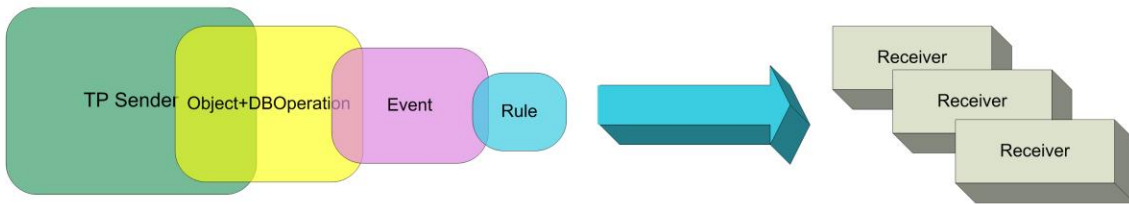
Chapter 9

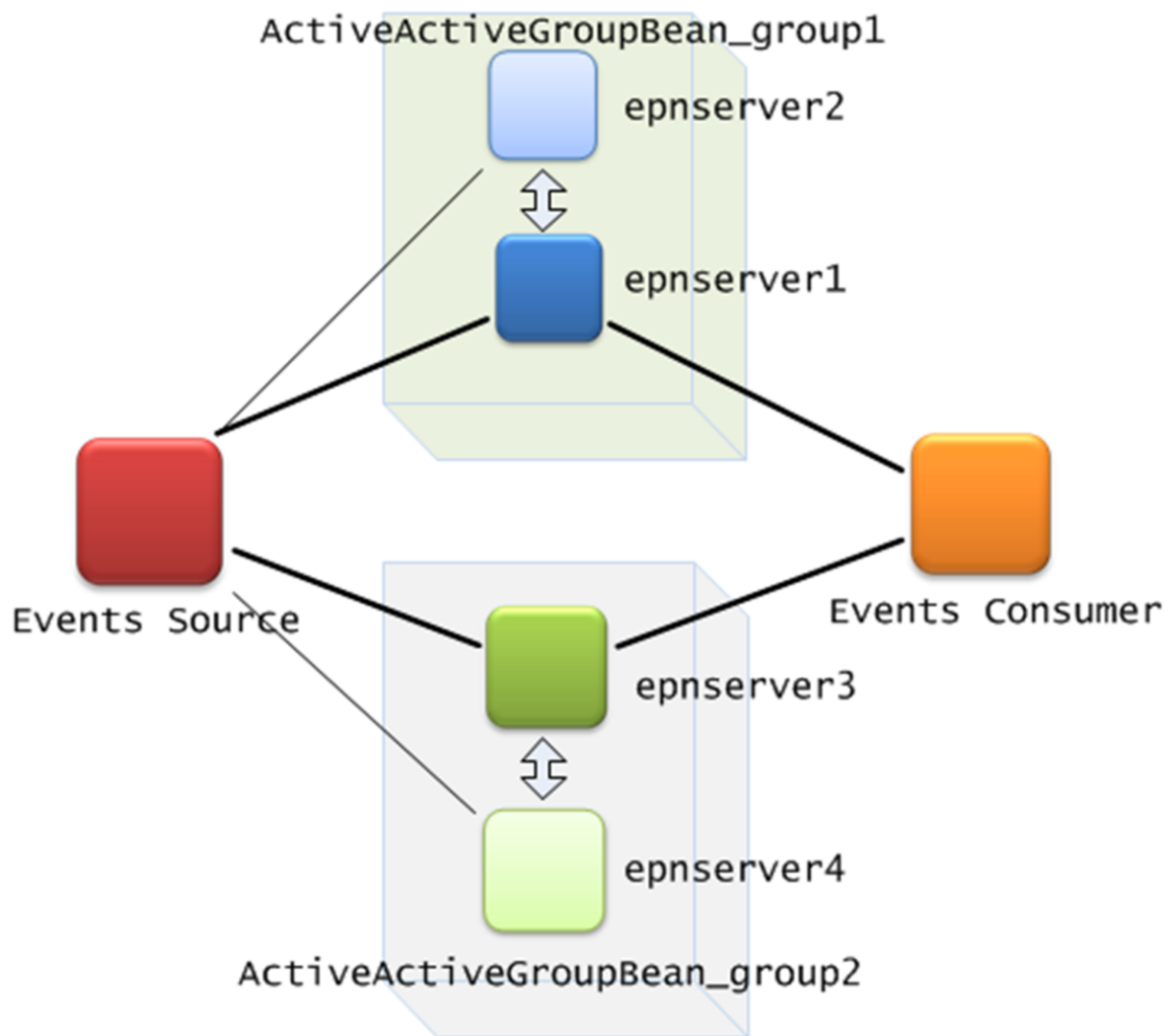


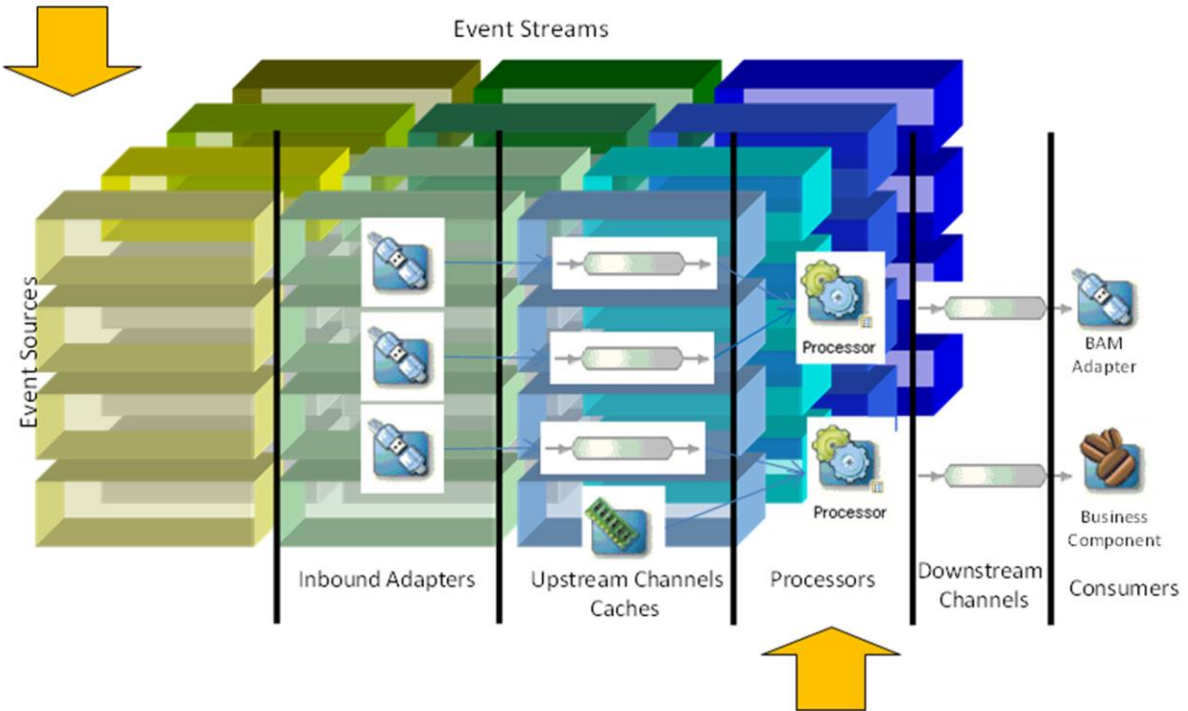
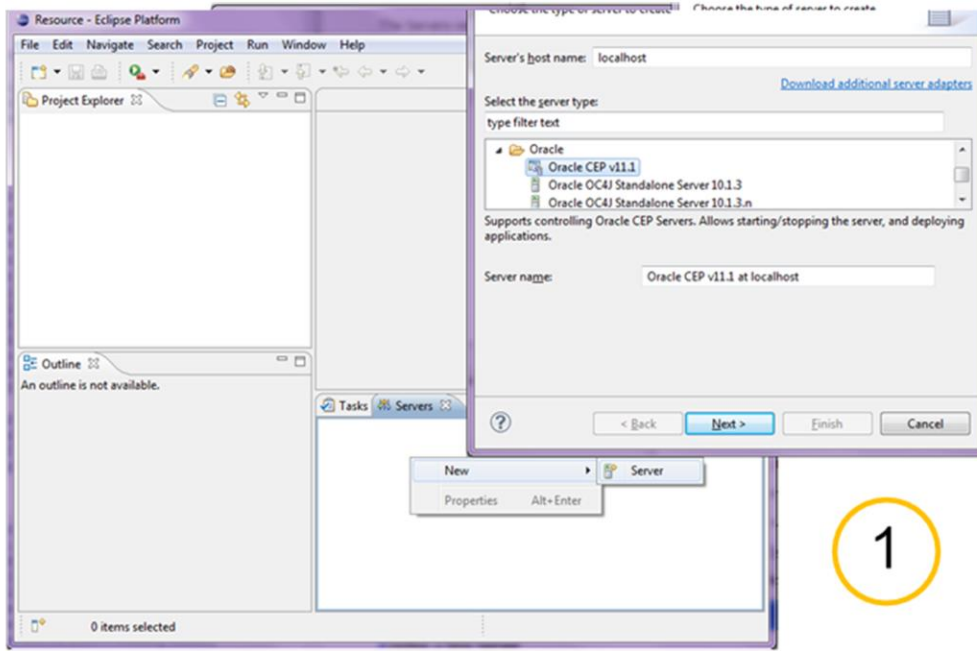




TP's recognition narrowing







2



