



Enterprise IT Architectures

## Introduction to Lab

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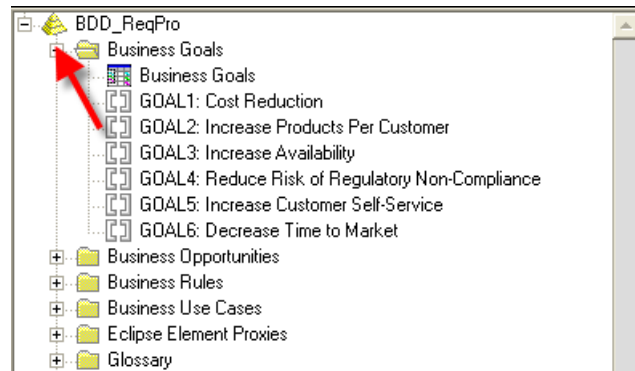
## Lab 1 Steps

## Lab 1: Analyze and Define Business Requirements

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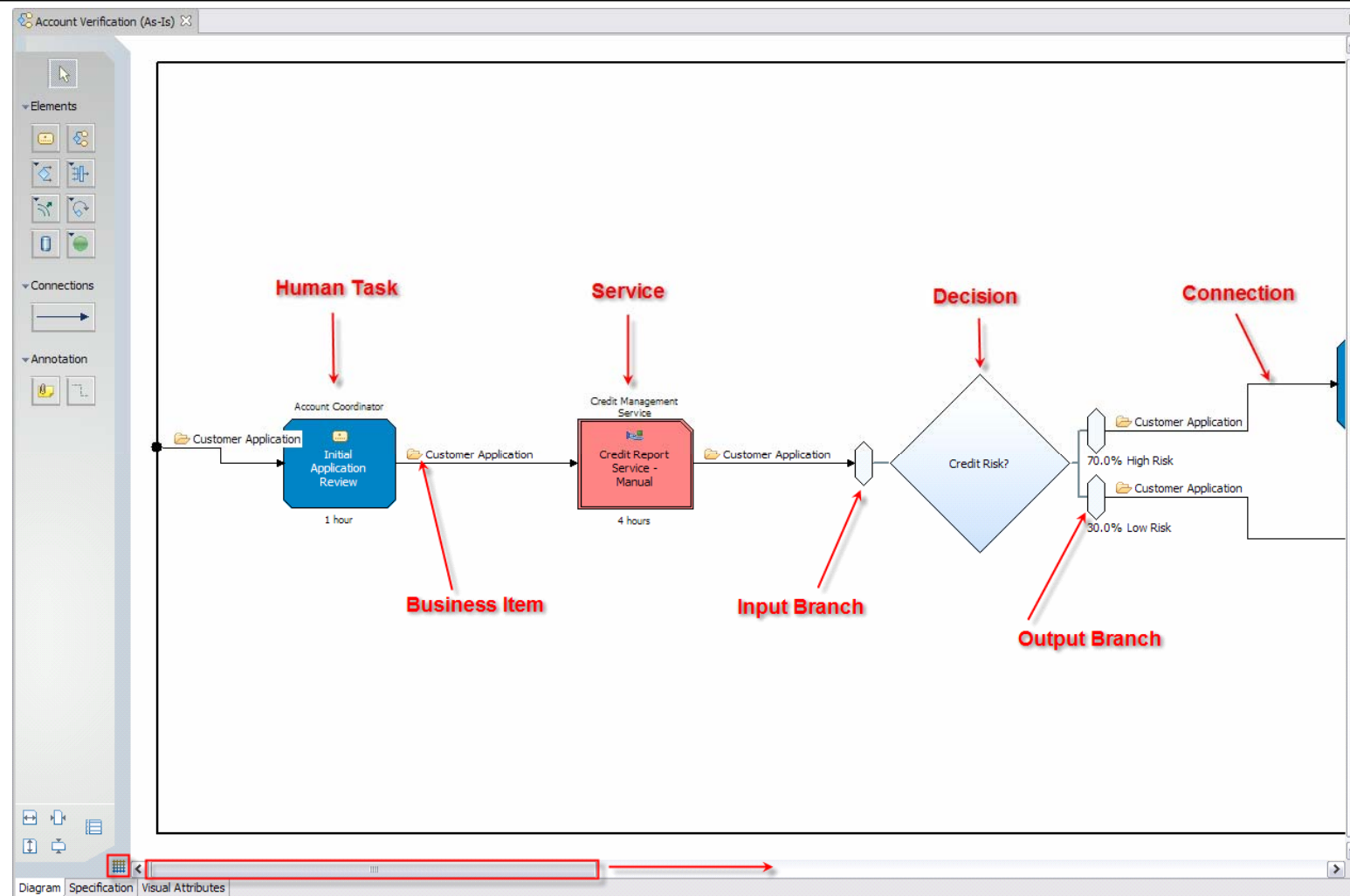
- Review the Business Goals and Objectives
- Review the as-is Model (Open Account)
- Review & Complete the to-be Model (Open Account)
- Simulate, Analyze & Compare
- Export the Business Measures Model & BPEL (Business Process Execution Language)

## Review the Business Goals and Objectives



Requirements:	ROI	Cost	Benefit	Priority
<b>GOAL1: Cost Reduction</b> Cost Reduction of 10% by 2007	1000000	20000	1020000	High
<b>GOAL2: Increase Products Per Customer</b> Increase Products Per Customer by 10% by 2007	250000	50000	300000	Medium
<b>GOAL3: Increase Availability</b> Increase Availability of On-Line Presence to 99.999%	25000	15000	40000	Low
<b>GOAL4: Reduce Risk of Regulatory Non-Compliance</b> Reduce Risk of Regulatory Non-Compliance	100000	20000	120000	Medium
<b>GOAL5: Increase Customer Self-Service</b> Increase Customer Self-Service via Internet to 85% by 2006	50000	5000	55000	Low
<b>GOAL6: Decrease Time to Market</b> Decrease Time to Market for New Products by 10% by 2007	250000	30000	280000	Medium
* <Click here to create a requirement>				Medium

## Review the as-is Model (Open Account)



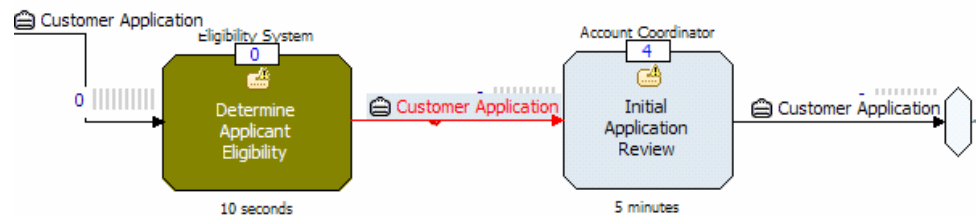
## Review & Complete the to-be Model (Open Account)

The screenshot displays the IBM Business Modeler Advanced Ver... interface. The main window shows a process diagram for 'Account Verification (To-Be) - UNFINISHED'. The diagram includes a 'Customer Application' element connected to an 'Initial Application Review' activity. The interface is divided into several panes:

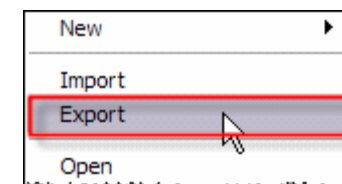
- Project Tree:** Shows a hierarchical view of the project structure, including 'Account Opening', 'Business items', 'Processes' (with 'As-Is Processes' and 'To-Be Processes'), 'Resources', 'Organizations', 'Classifiers', 'Reports', 'Queries', 'Business services', 'Business service objects', 'Predefined resources', 'Predefined organizations', and 'Predefined classifiers'.
- Diagram:** The central workspace showing the process flow. A vertical line represents the start of the process, leading to a 'Customer Application' element, which then connects to an 'Initial Application Review' activity.
- Attributes Panel:** Located at the bottom right, it shows tabs for 'General', 'Cost and Revenue', 'Duration', 'Inputs', 'Outputs', 'Organizations', and 'Classifier'. The 'General' tab is active, displaying fields for 'Name' (Account Verification (To-Be) - UNFINISHED) and 'Description'.
- Outline:** A small pane at the bottom left showing a simplified view of the process diagram.

## Simulate, Analyze & Compare; Export the Business Measures Model & BPEL (Business Process Execution Language)

- Creation of a Simulation Snapshot
- Run simulation



Processes	Tasks	Connections	Process start time	Process end time	Total ...	Total cost	Total profit
Account Verification (To-Be) - UNFINISHED...			November 3, 2006 9:17:04 AM CST	November 3, 2006 9:27:19 AM CST	0 USD	40.381 USD	-40.381 USD
Account Verification (To-Be) - UNFINISHED...			November 3, 2006 9:18:04 AM CST	November 3, 2006 11:33:19 AM CST	0 USD	85.131 USD	-85.131 USD
Account Verification (To-Be) - UNFINISHED...			November 3, 2006 9:19:04 AM CST	November 3, 2006 11:34:19 AM CST	0 USD	85.131 USD	-85.131 USD
Account Verification (To-Be) - UNFINISHED...			November 3, 2006 9:20:04 AM CST	November 3, 2006 9:25:19 AM CST	300 USD	35.381 USD	264.619 USD
Account Verification (To-Be) - UNFINISHED...			November 3, 2006 9:21:04 AM CST	November 3, 2006 9:31:19 AM CST	300 USD	50.381 USD	249.619 USD



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## Lab 2 Steps

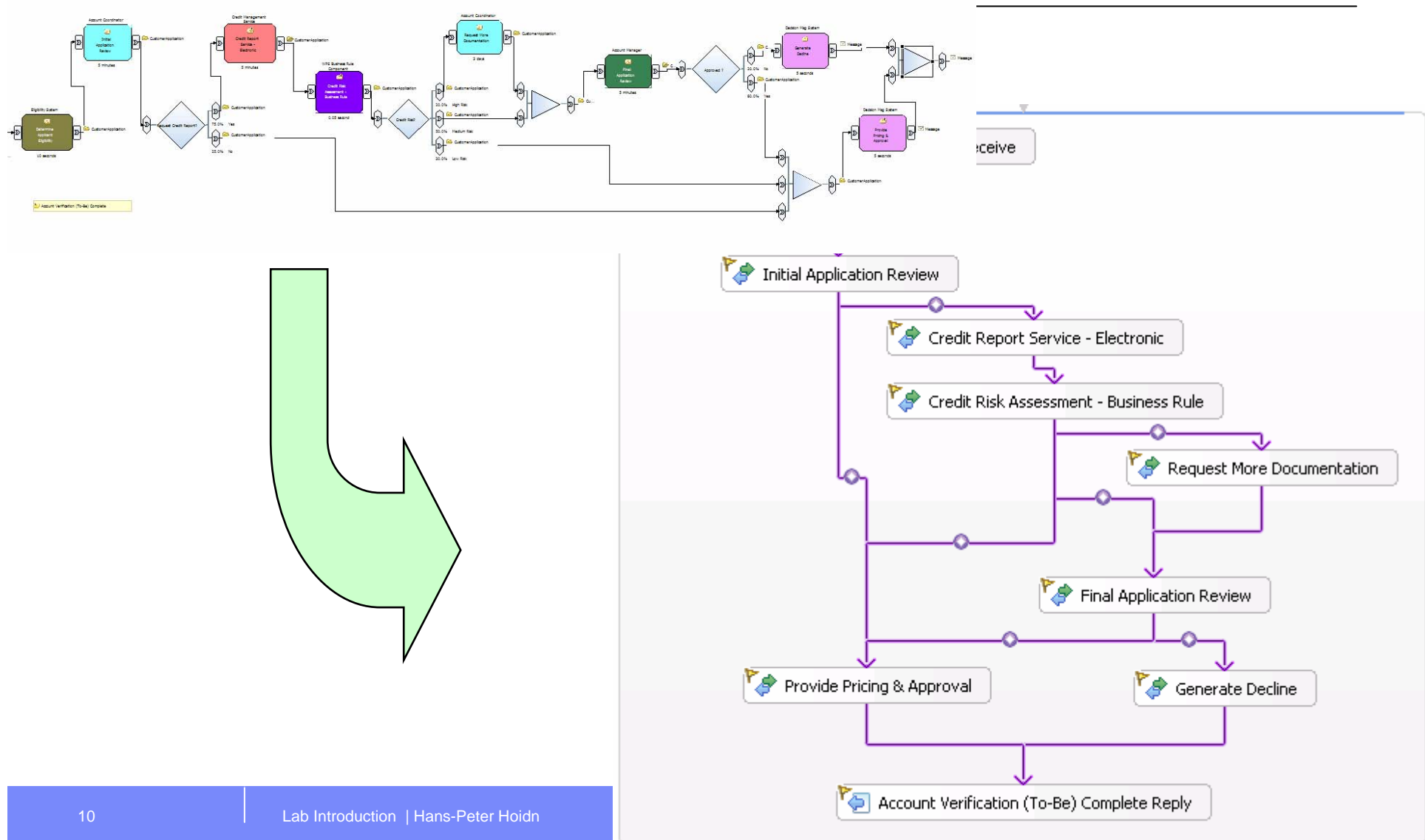


## Lab 2: Process Implementation

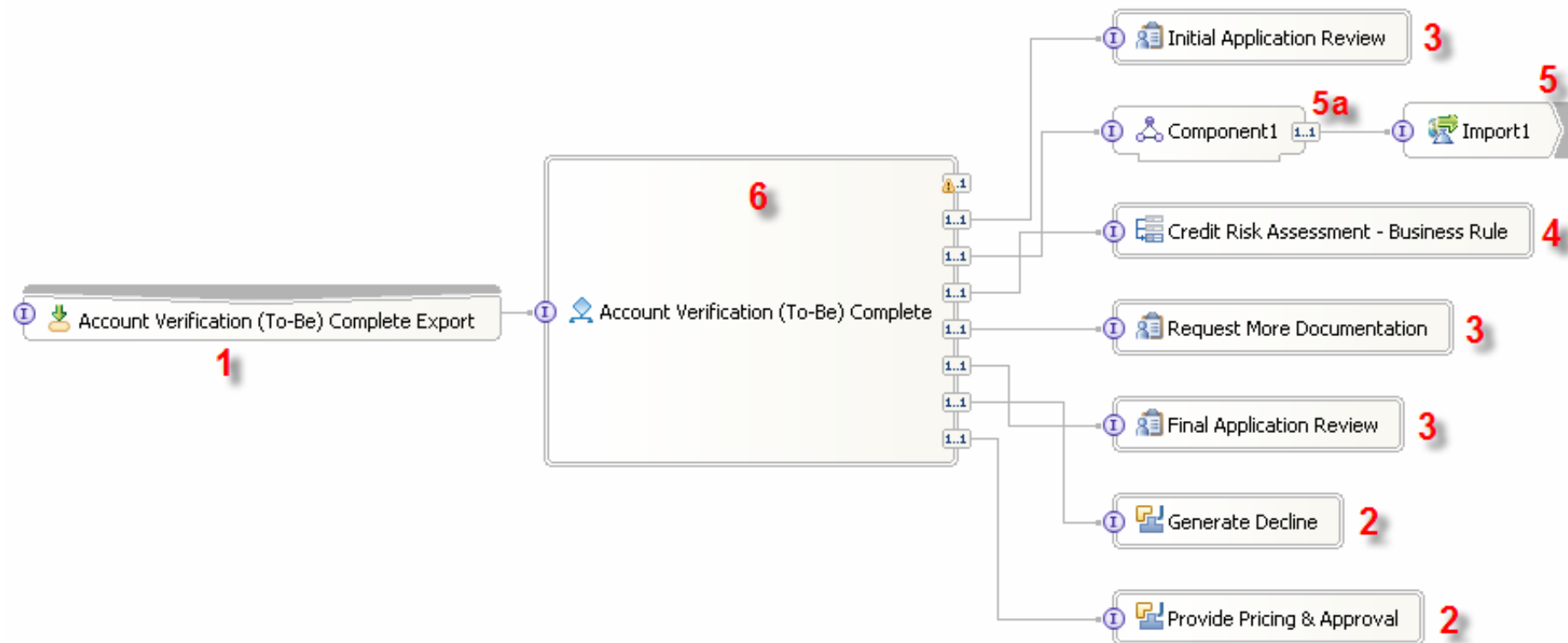
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- Examine the Components Exported to Tool1 from Tool2
- Configure Human Tasks
- Configure the Human Tasks to use Custom JSPs
- Implement “Credit Risk Assessment”
- Implement the “Request Credit Report”
- Test the Process

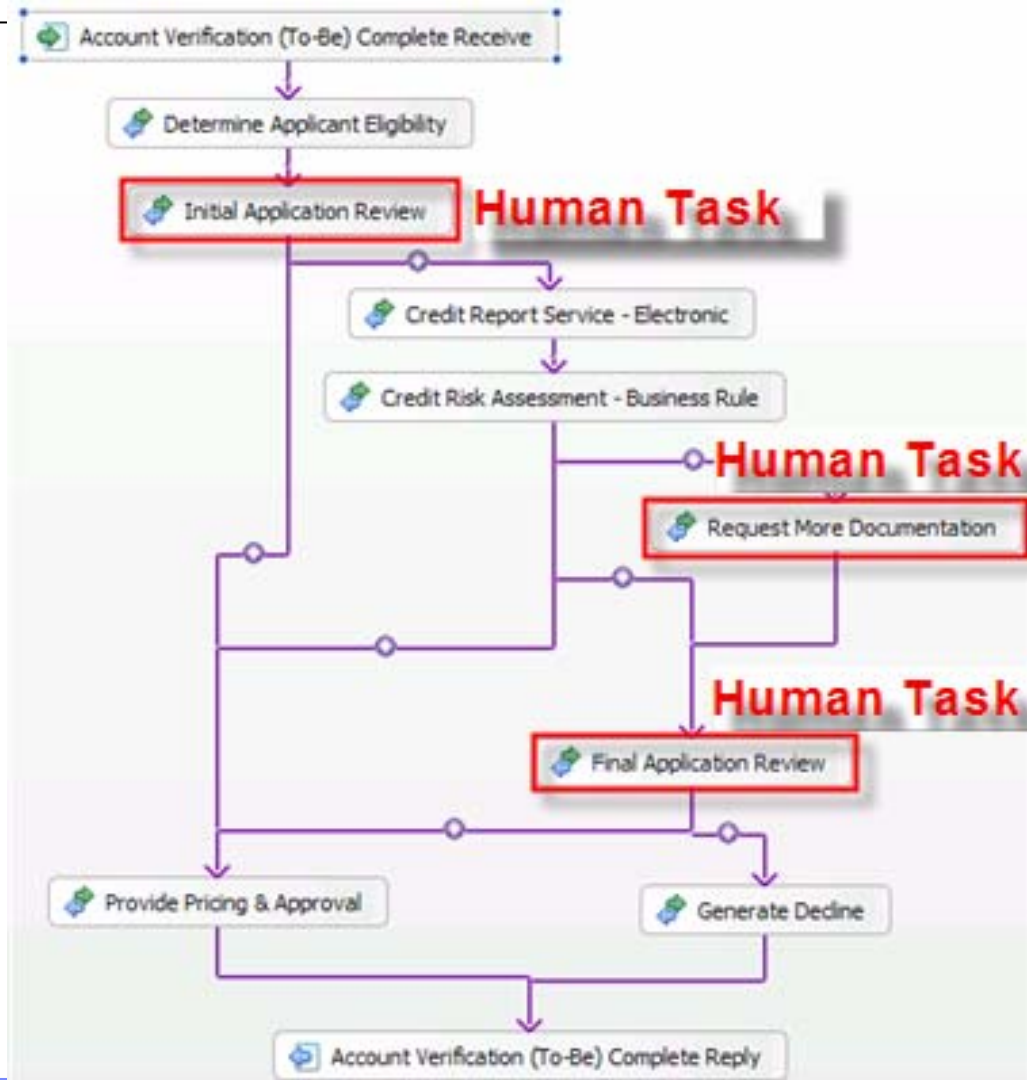
# Examine the Components Exported to Tool1 from Tool2



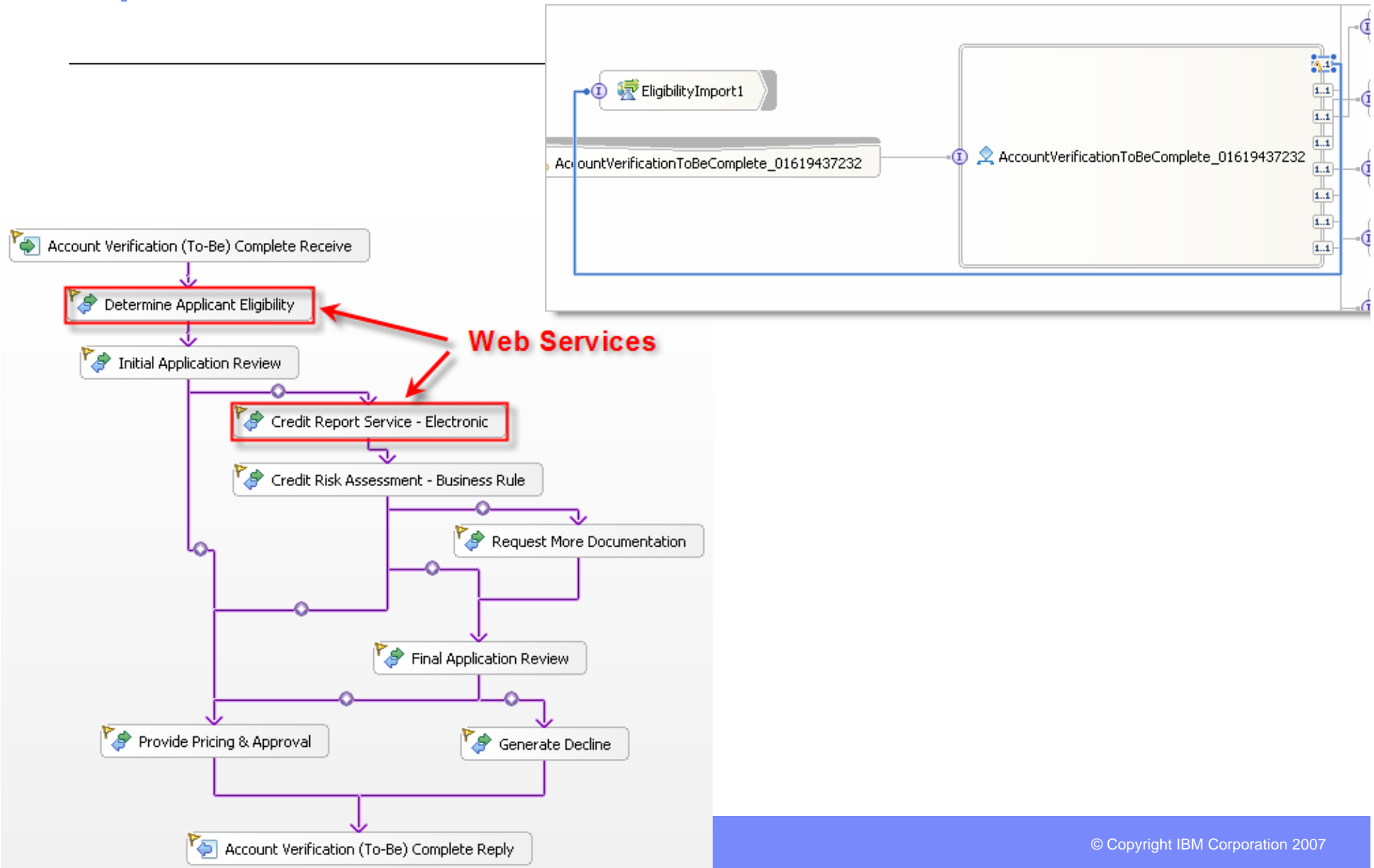
# Assembly Diagram



## Configure Human Tasks



# Implement Services and Test the Process



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**Enjoy Lab**