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Better Business Modeling with IBM Tools

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What keeps me **Rational**?

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IBM

Session Summary

- There are a number of possible tools and techniques for doing business modeling using the IBM Rational Software Delivery Platform. This presentation provides best practices, including which tools to use, for effective business modeling. The session also demos the capabilities and the tight integration between IBM Rational RequisitePro, IBM WebSphere Business Modeler and IBM Rational Software Modeler.

Business Modeling

- The purposes of business modeling are:
  - To understand current problems in the target organization and identify improvement potentials.
  - To assess the impact of organizational change.
  - To ensure that customers, users, developers, and other parties have a common understanding of the organization.
  - To derive the software system requirements needed to support the target organization.
  - To understand how a to-be-deployed software system fits into the organization.

How do you use Business Modeling in your organization?

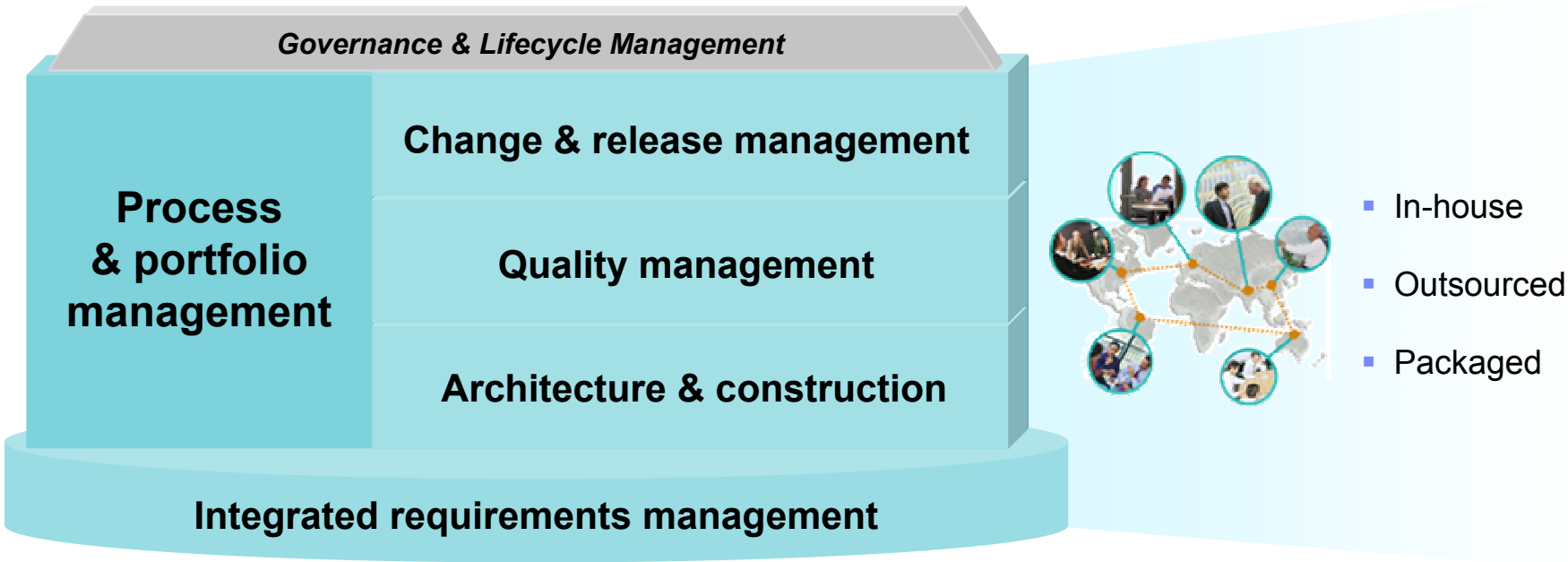
What are your best practices for Business Modeling?

IBM Rational Software Delivery Platform

What we offer

Rational. software

Process design and implementation best practices based on a market leading solutions delivery platform

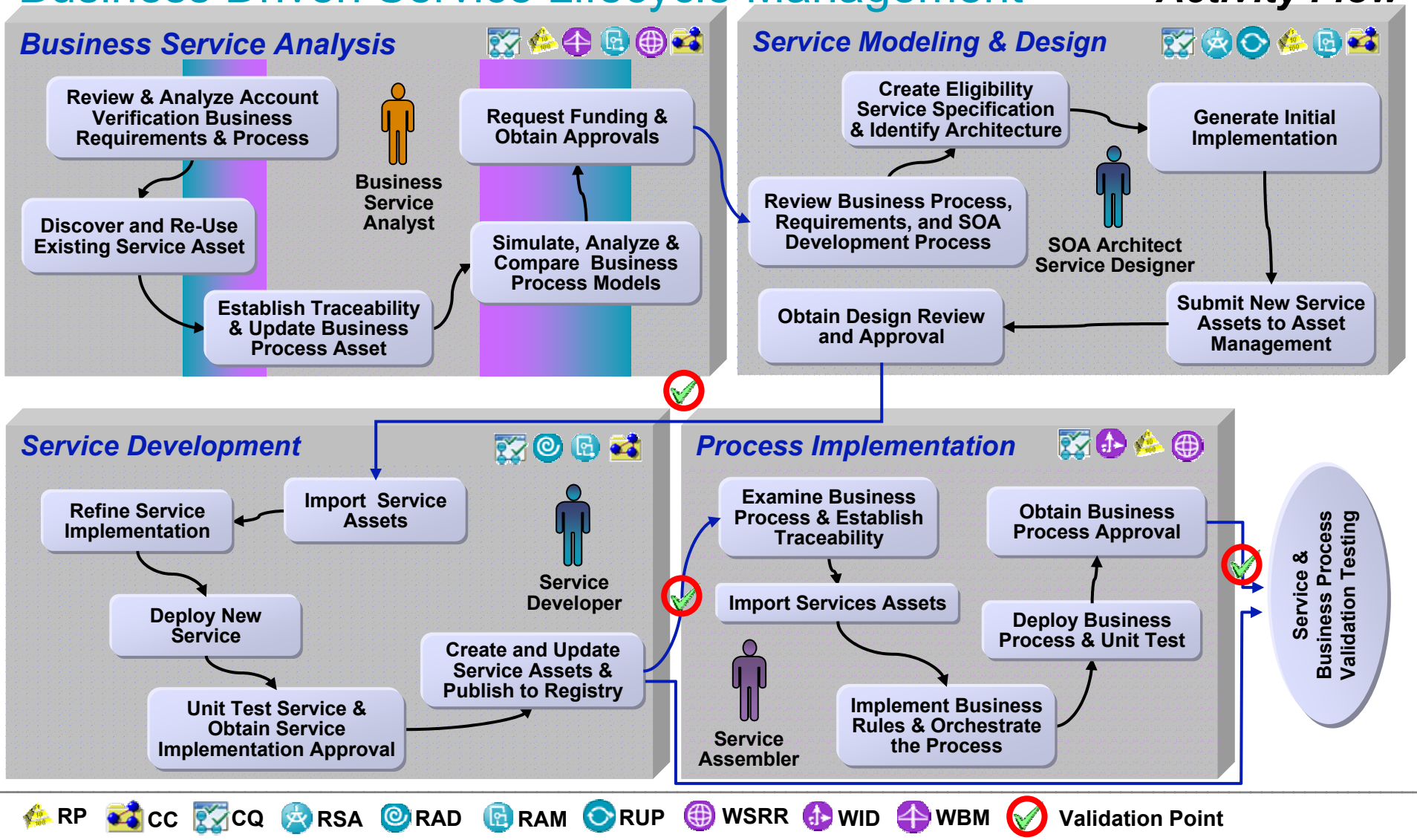


The demo example – JK Enterprises

- For the purposes of this demo, I will play the role of a Business Service Analyst (and an Architect/Designer)
- JK Enterprises is under increasing pressure to reduce costs while improving their ability to serve their customers.
- At present, Credit Check activities are handled manually by a team of Account Coordinators who are notified via a paper form to phone or fax the "appropriate" credit reporting agency to retrieve the customer's credit score.
- JK Enterprises wishes to improve their ability to process requests for new accounts quickly.
- In the course of early analysis it became patently clear that Account Application and Account Verification were strategic reusable services whose improvement would greatly benefit the business.

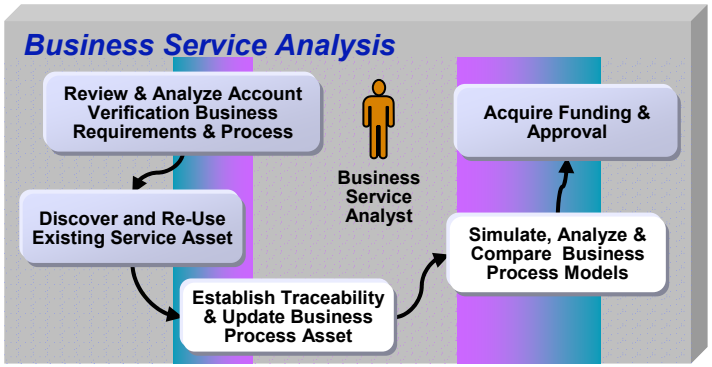
Business Driven Service Lifecycle Management

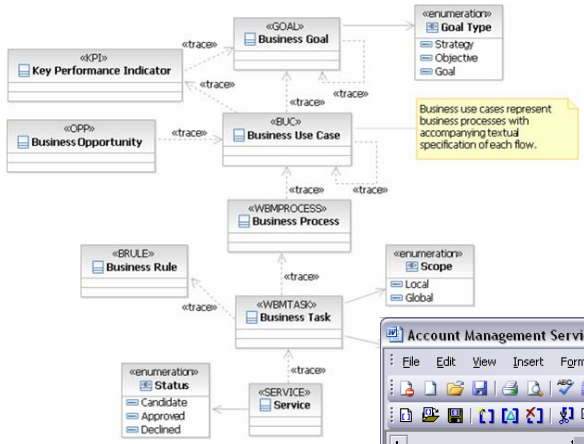
Activity Flow

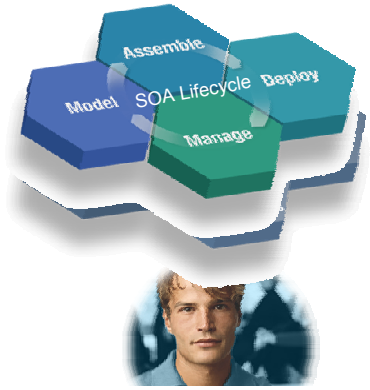


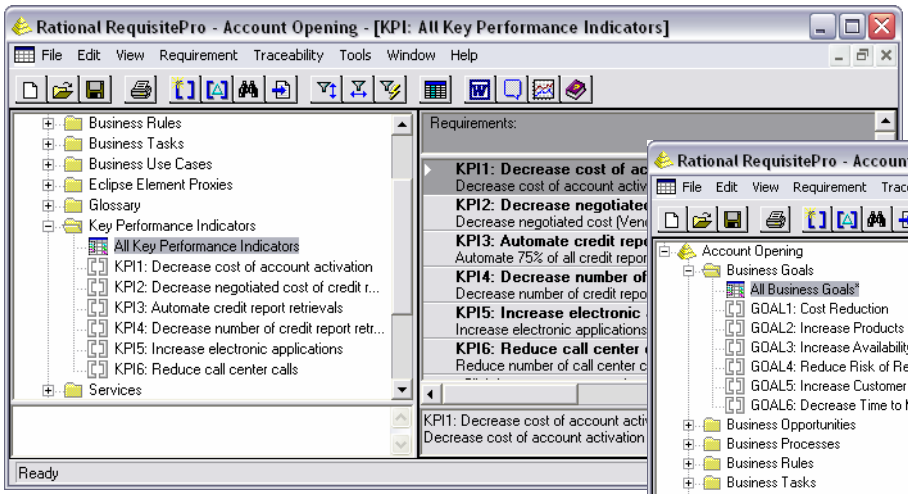
Business Service Analysis

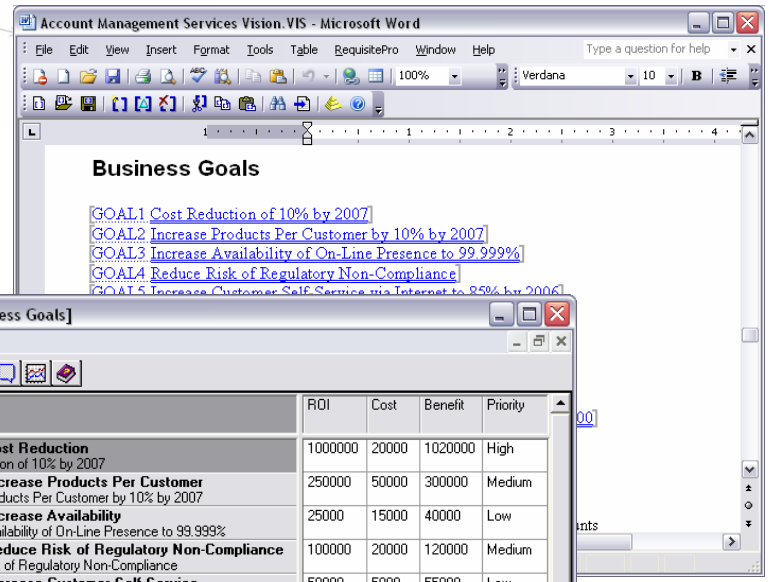
Define business requirements

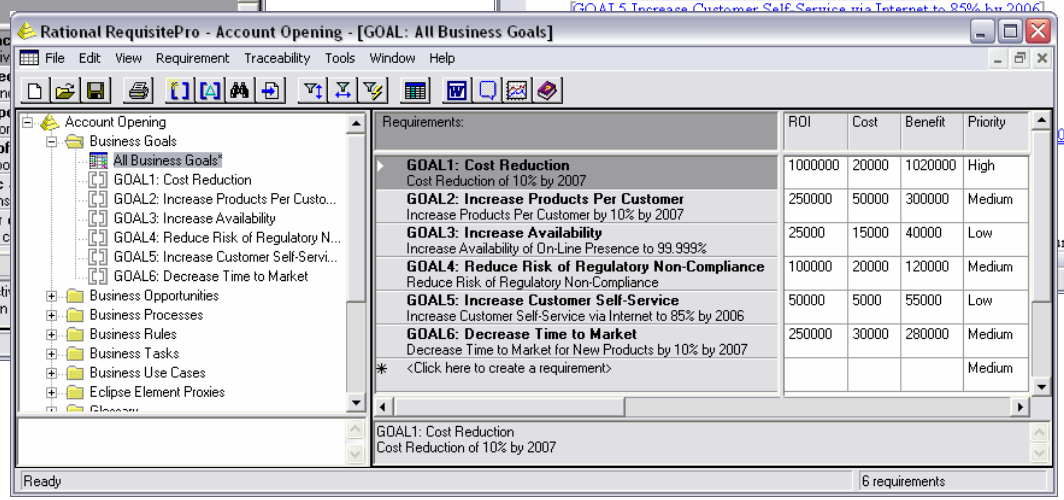






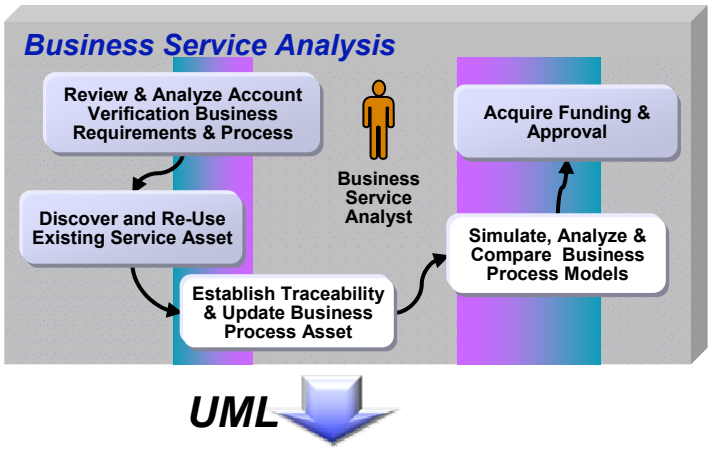


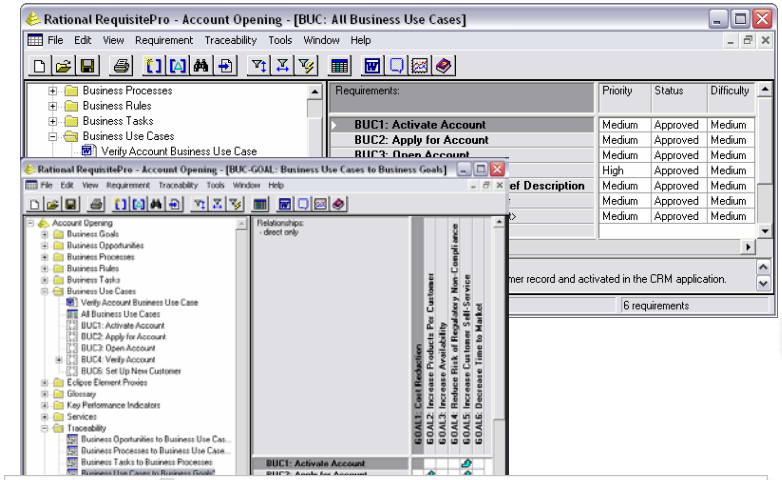


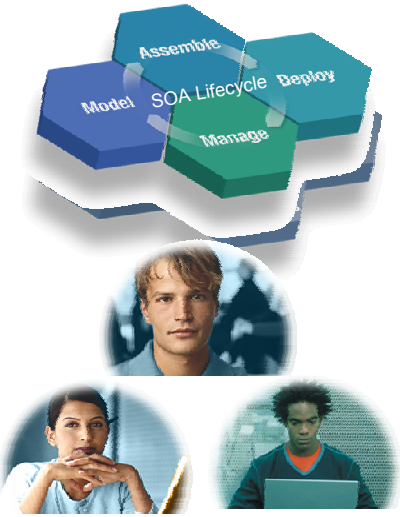


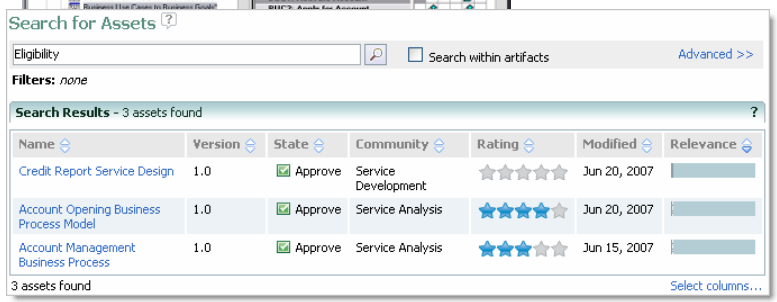
Business Service Analysis

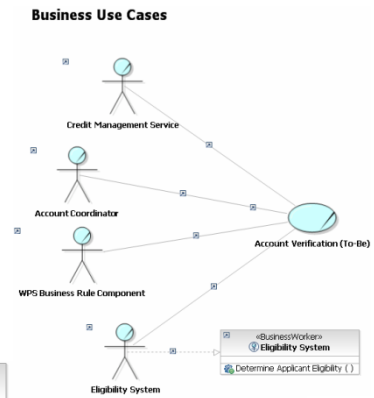
Model the business (& identify the services)

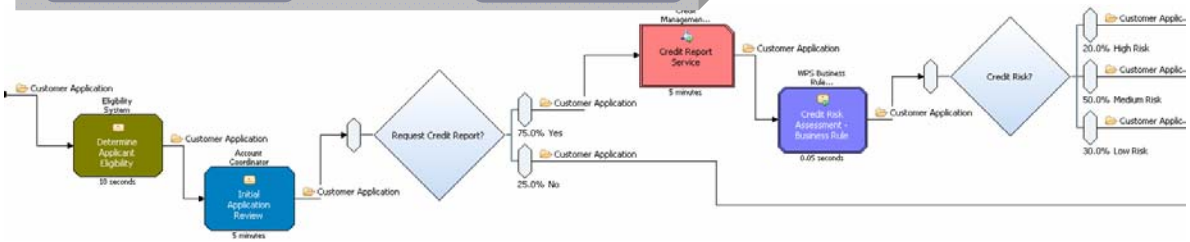


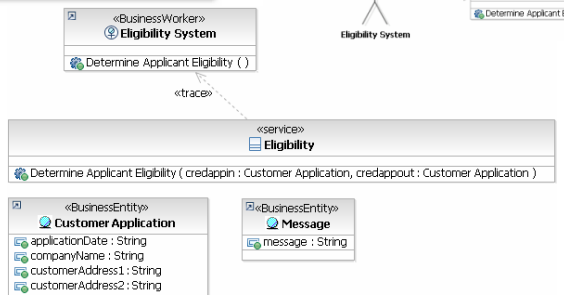




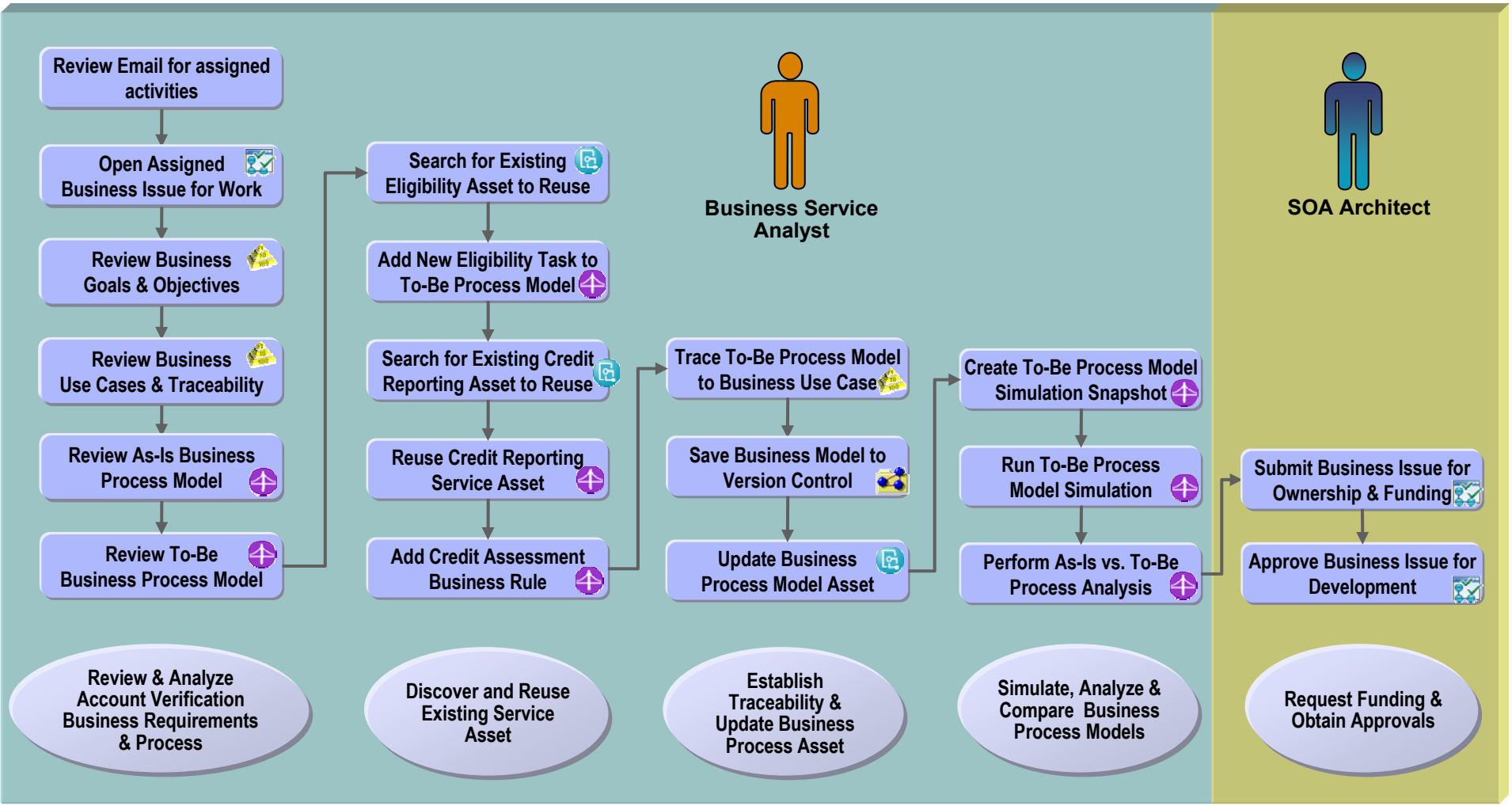






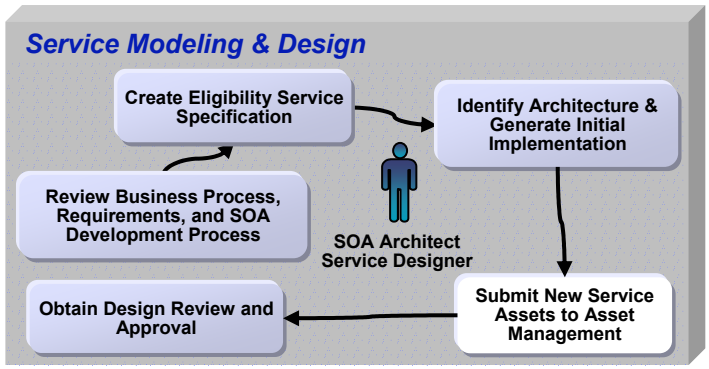


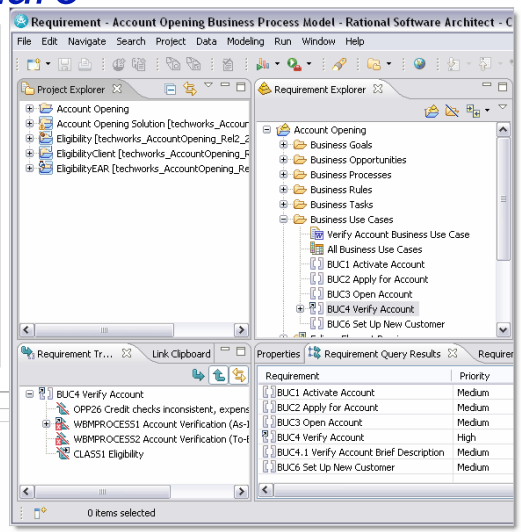
Business Service Analysis

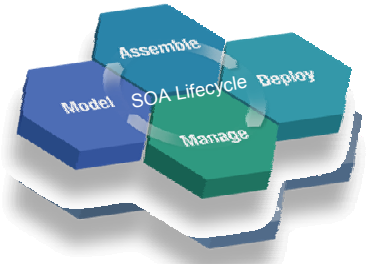


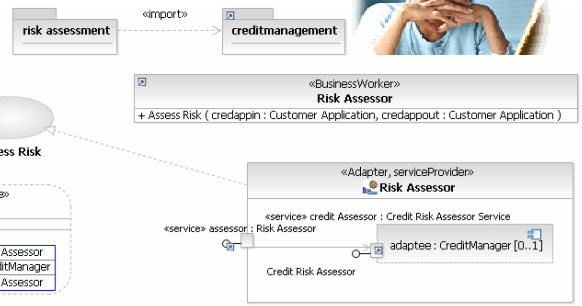
Service Modeling & Design

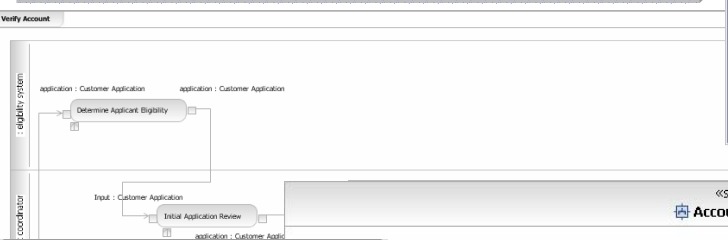
Design the Services Architecture

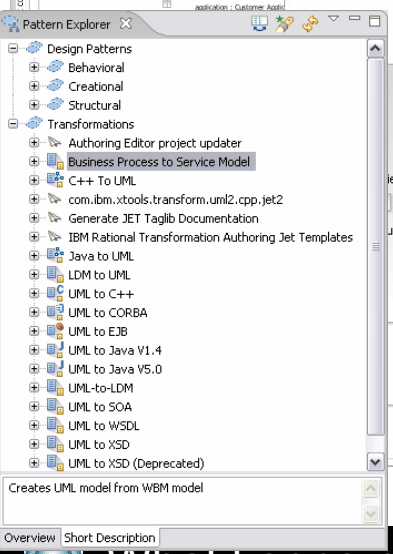


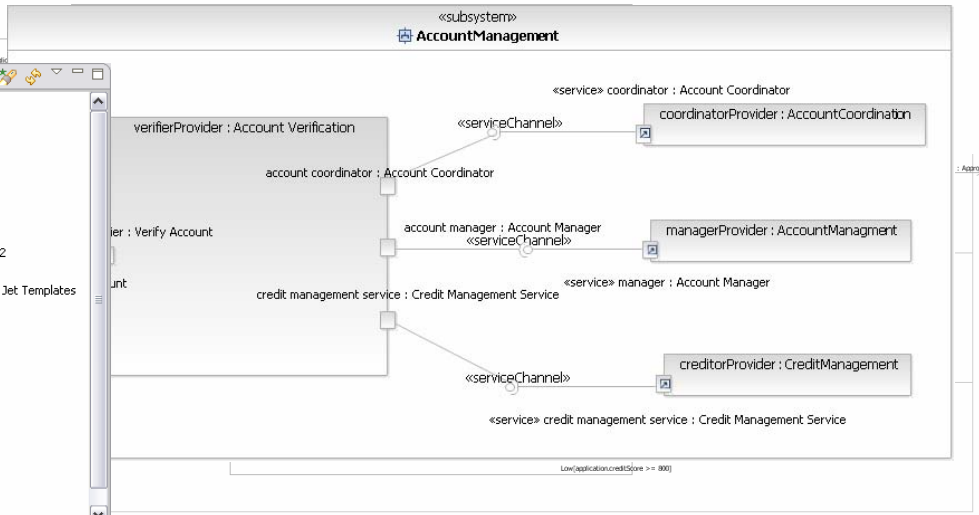


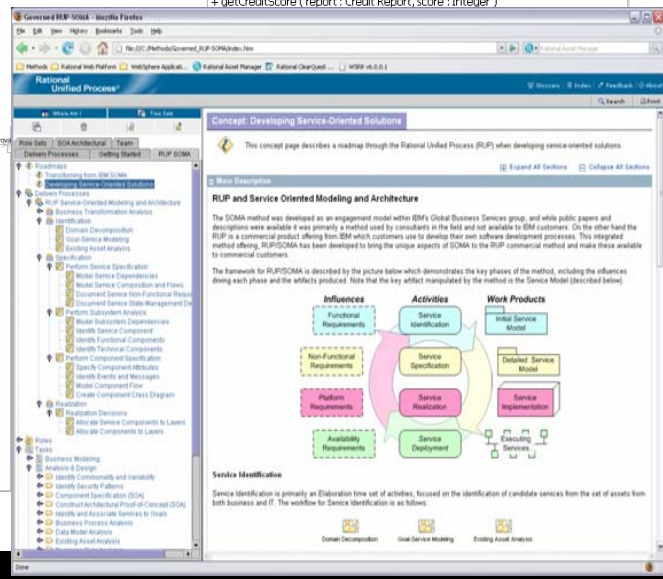




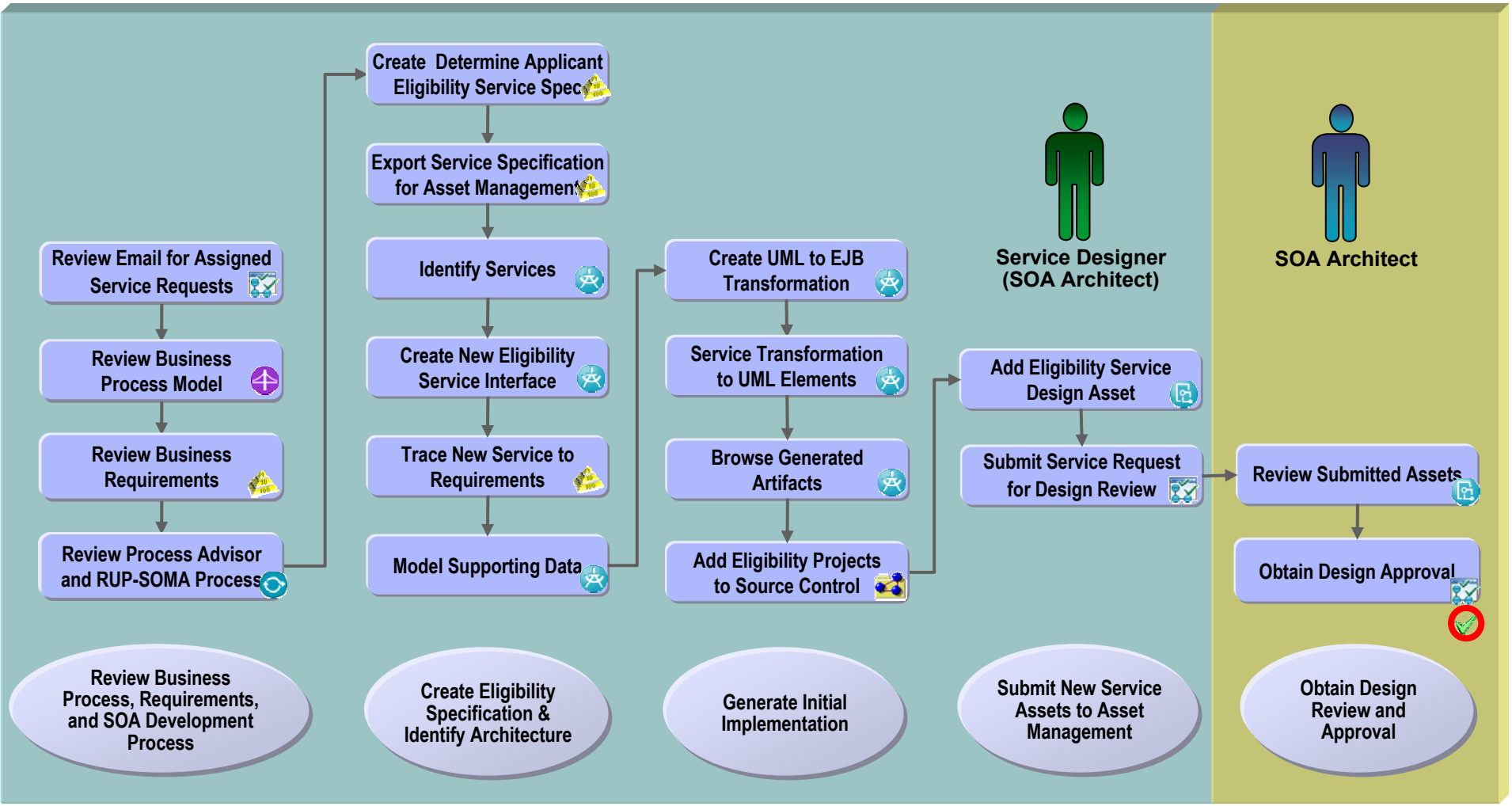








Service Modeling & Design



RP CC CQ RSA RAM RUP WBM Validation Point

Demo

Highlevel script

- Show the Business Modeling template on DeveloperWorks and its use in RequisitePro
- Open the business vision document and show addition of a new goal, and change and update of another – show version history, revision
- Create a new BUC, and specification document
- Create a new BUC process in WBM, and edit the html requirement text
- Open the BUC process in RSA, and create a Business Analysis Model
- Transform the model from UML2 to EJB

Questions

More Information

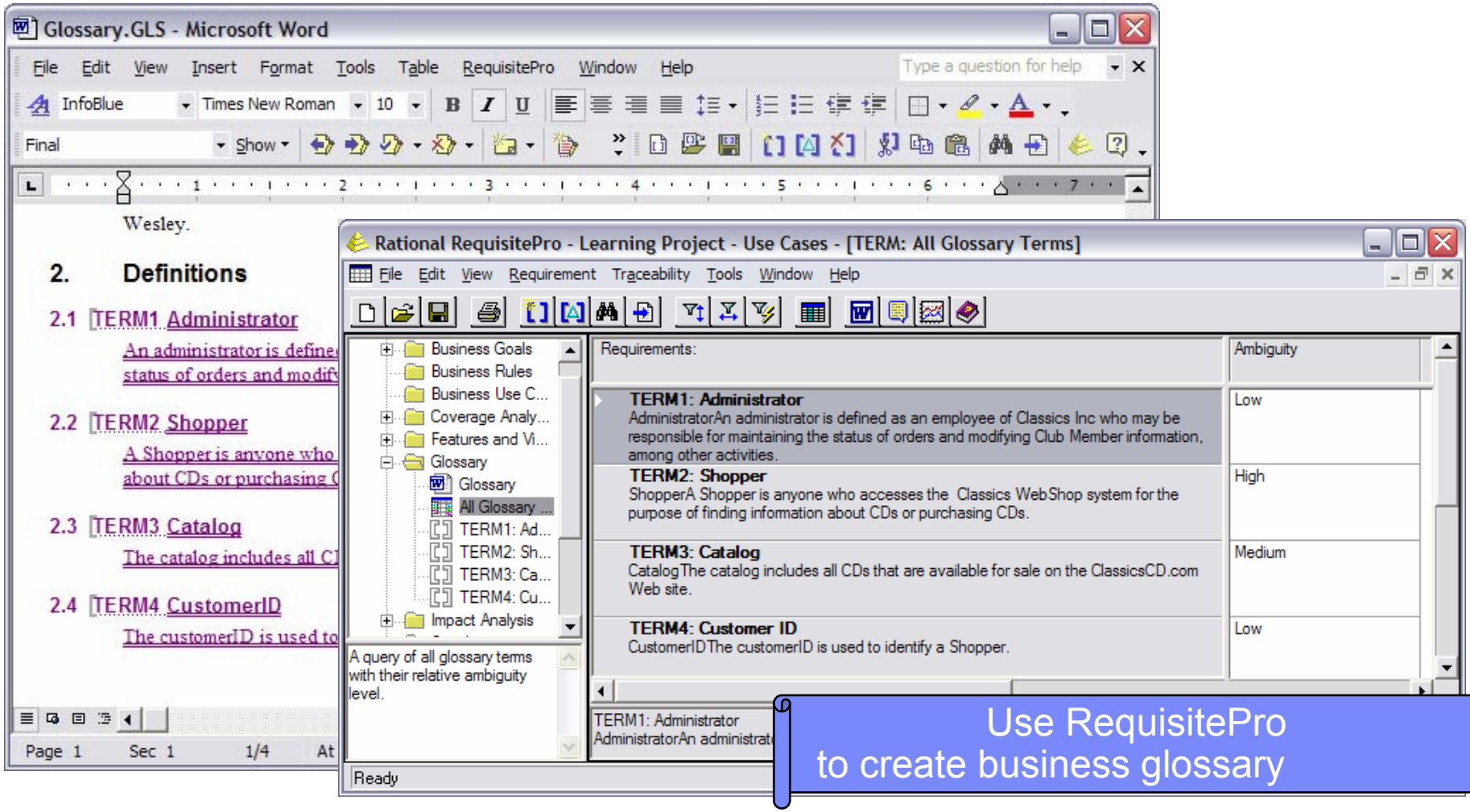
- Business Modeling RequisitePro project template
  - ✓ http://www-128.ibm.com/developerworks/rational/downloads/07/reqpro_proj_templates/
- Business Integration
  - ✓ http://www.ibm.com/software/info/topic/perform/busintegration.html
- Information on IBM WebSphere Software
  - ✓ www.ibm.com/software/websphere
- Information on IBM Rational Software
  - ✓ www.ibm.com/software/rational/
- Building SOA Solution using the Rational SDP Redbook
  - ✓ http://www.redbooks.ibm.com/abstracts/sg247356.html

Thank You

Robin Bater

Artifact: Common business glossary

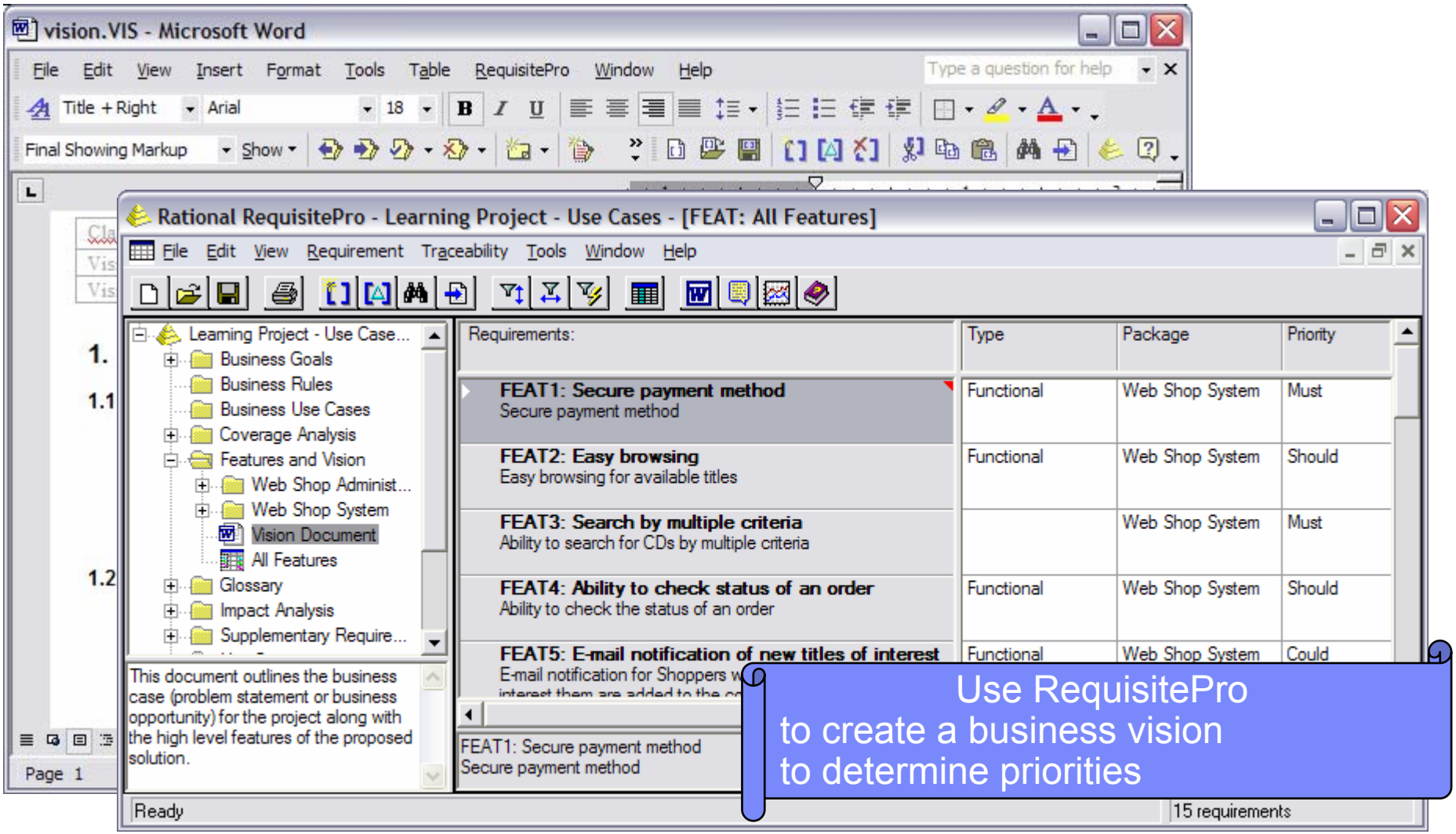
RequisitePro View



Use RequisitePro to create business glossary

Artifact: Business Vision

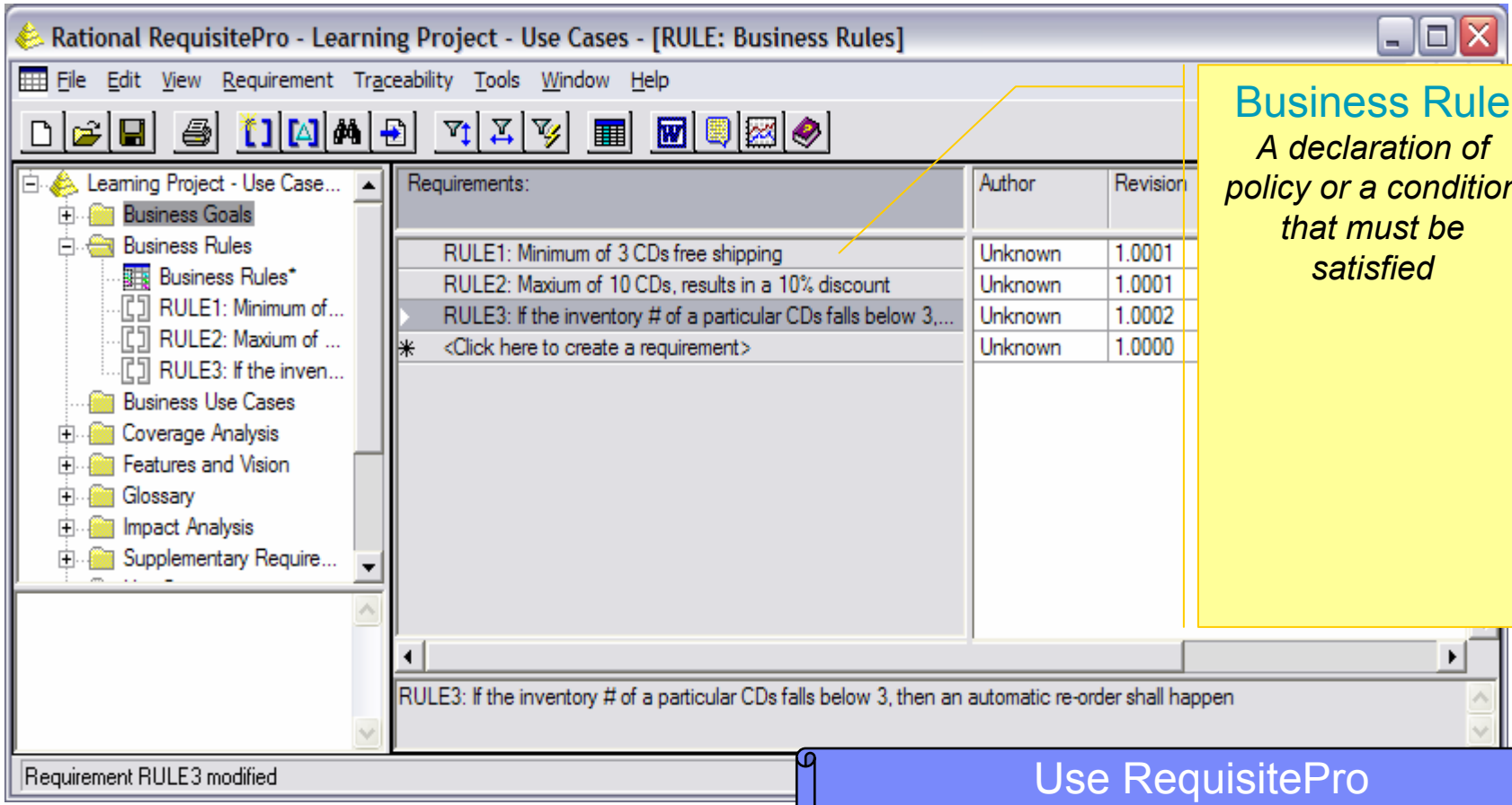
RequisitePro View



Use RequisitePro
to create a business vision
to determine priorities

Artifact: Business Rules

RequisitePro View



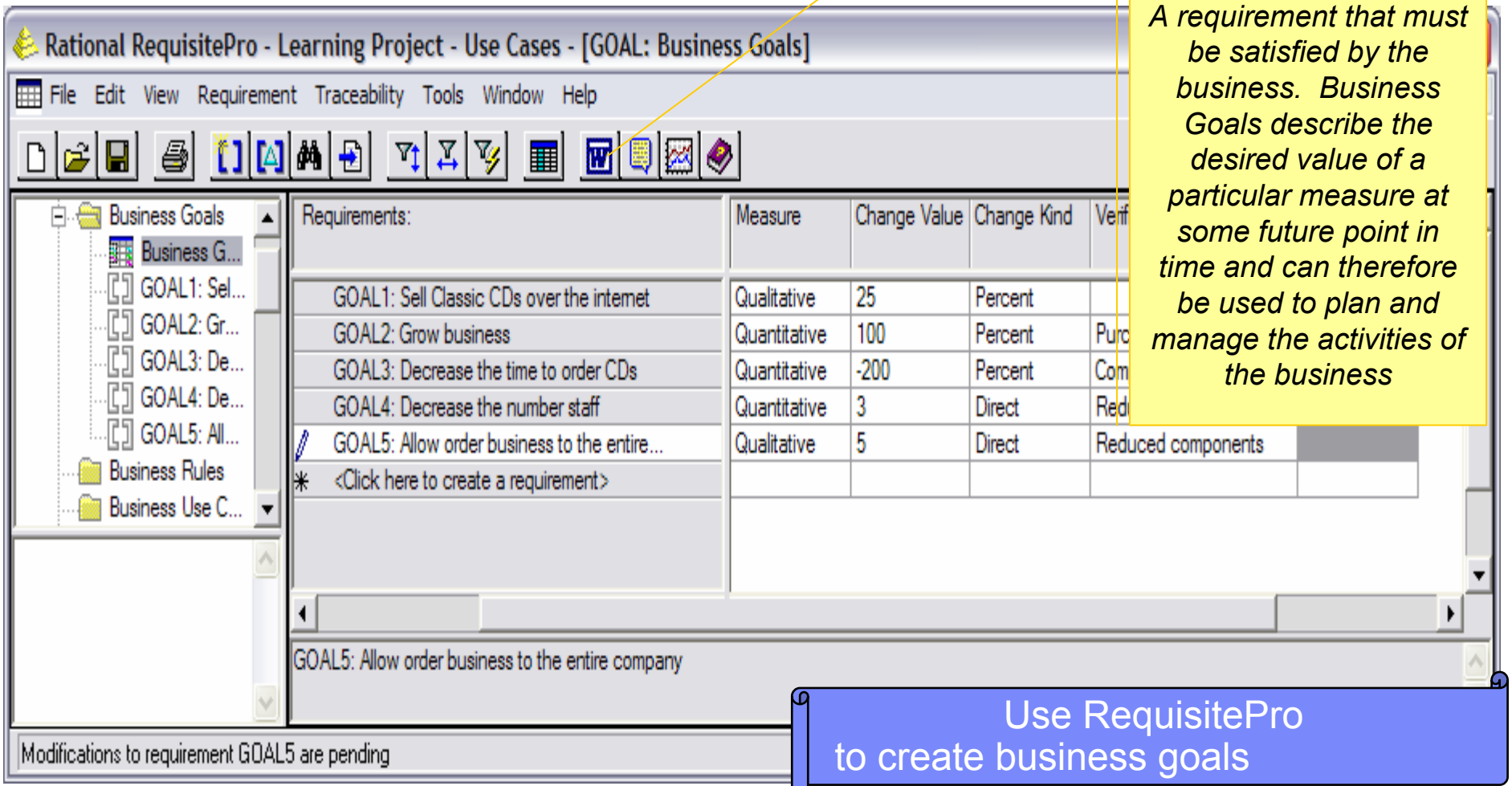
Business Rule

A declaration of policy or a condition that must be satisfied

Use RequisitePro to create business rules

Artifact: Business Goals

RequisitePro View



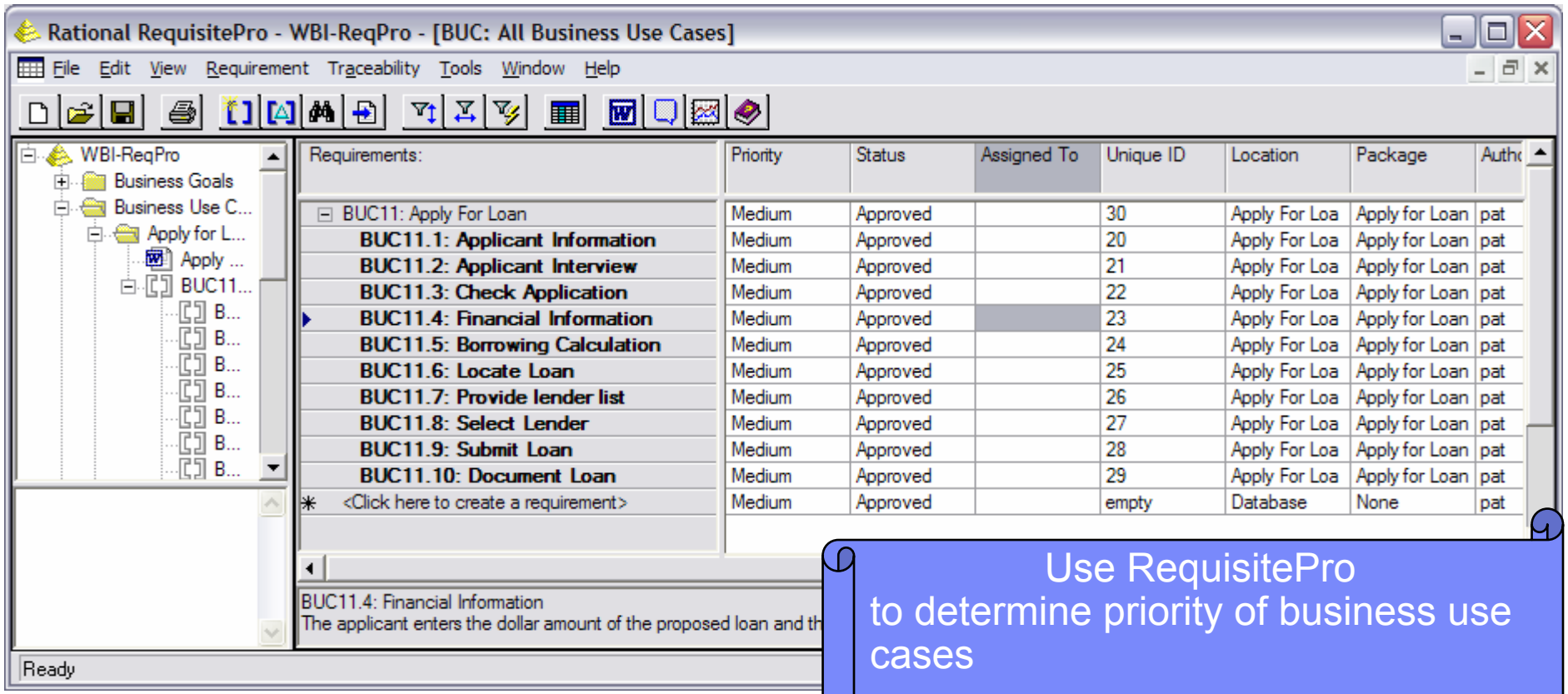
Business Goal

A requirement that must be satisfied by the business. Business Goals describe the desired value of a particular measure at some future point in time and can therefore be used to plan and manage the activities of the business

Use RequisitePro to create business goals

Artifact: Business Use Cases (outline)

RequisitePro view



Use RequisitePro
to determine priority of business use cases

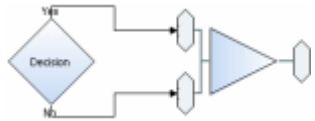
Artifact: Business Use Cases (flows)

WB Modeler view

Role

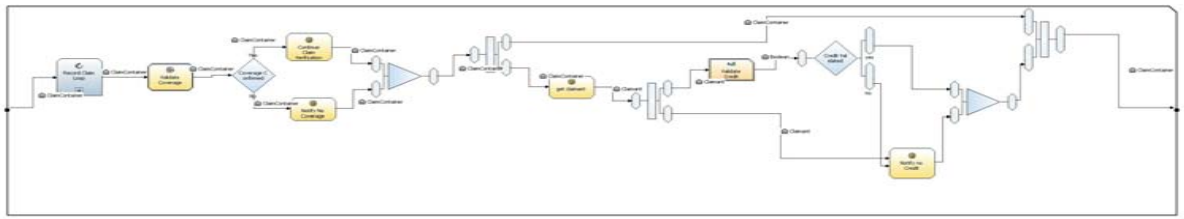
Start/Stop

Task invocation



Decision/Merge

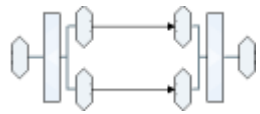
Process



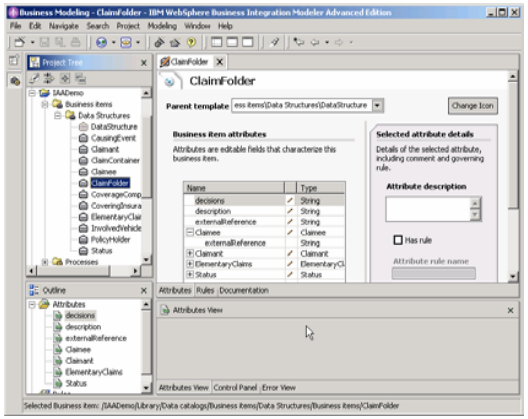
Connection

Document the process with information kept in the repository about the tasks, roles, assets, and costs

Loop



Fork/Join



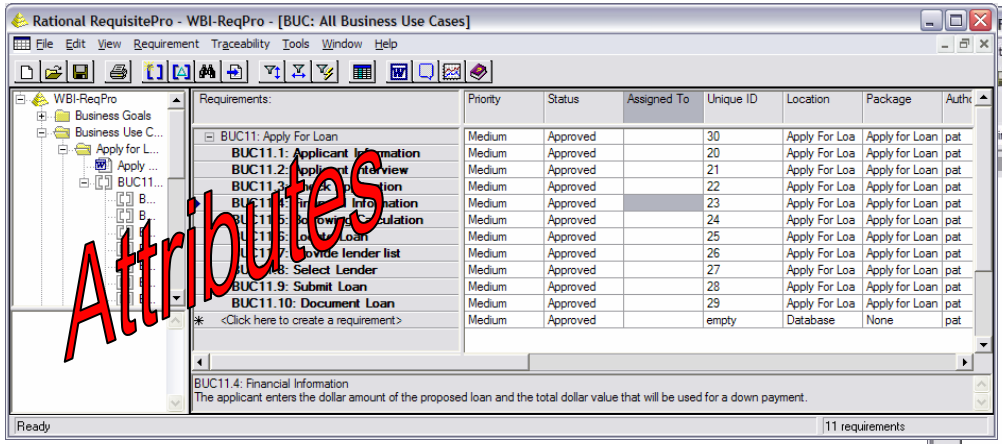
Business Item(s)

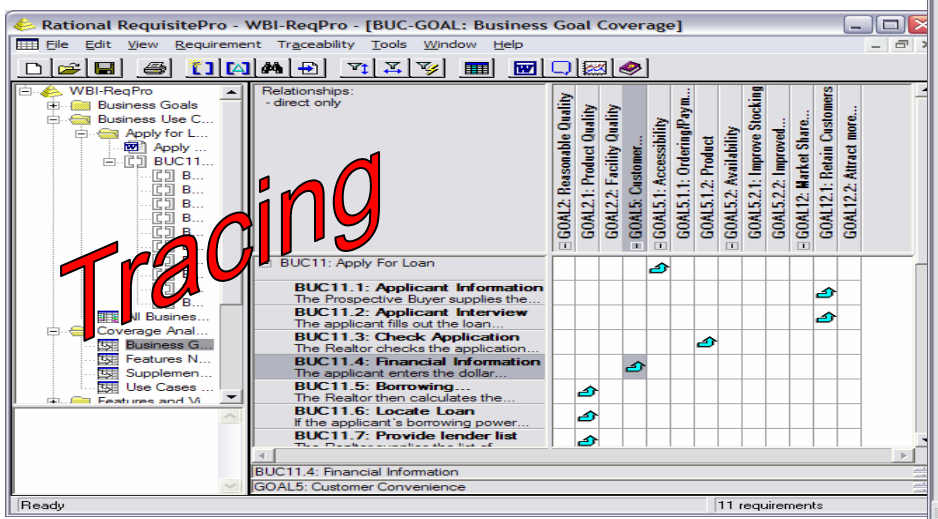
Use WB Modeler
to discover and capture key business process
to determine opportunities for software automation

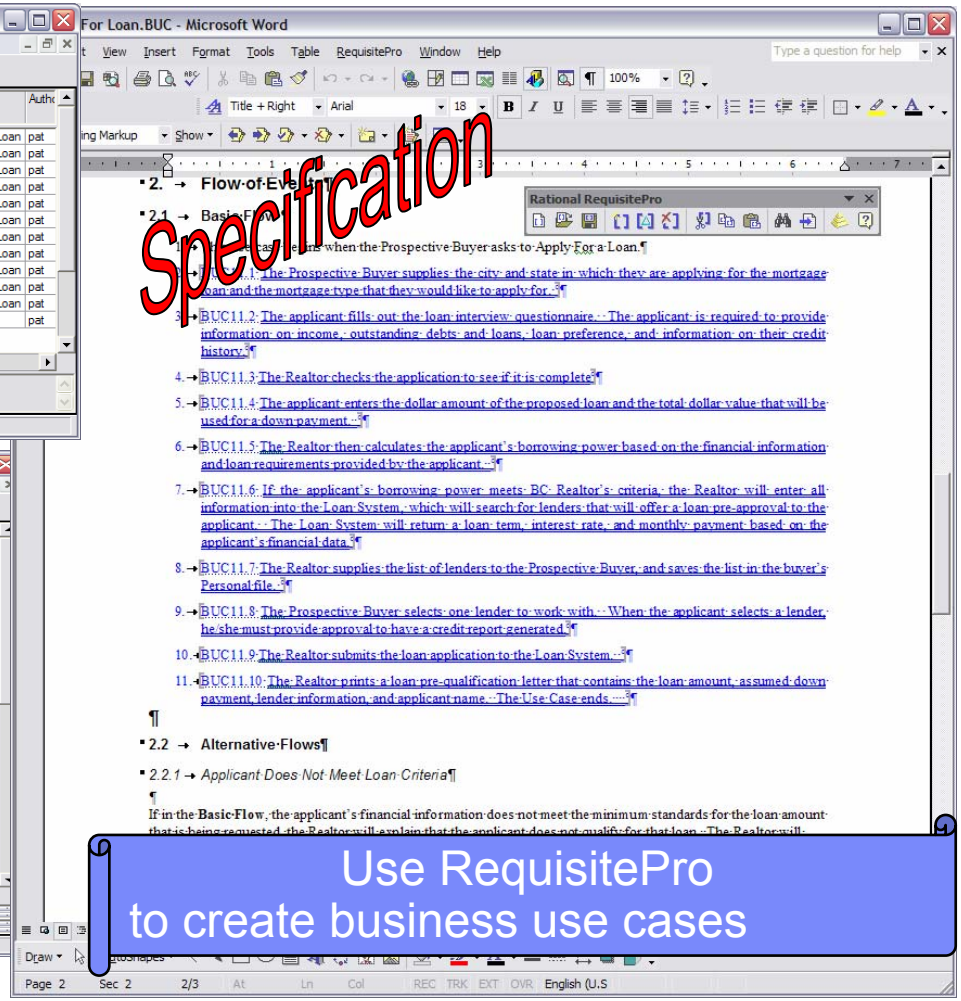
Artifact: Business Use Case (detailed)

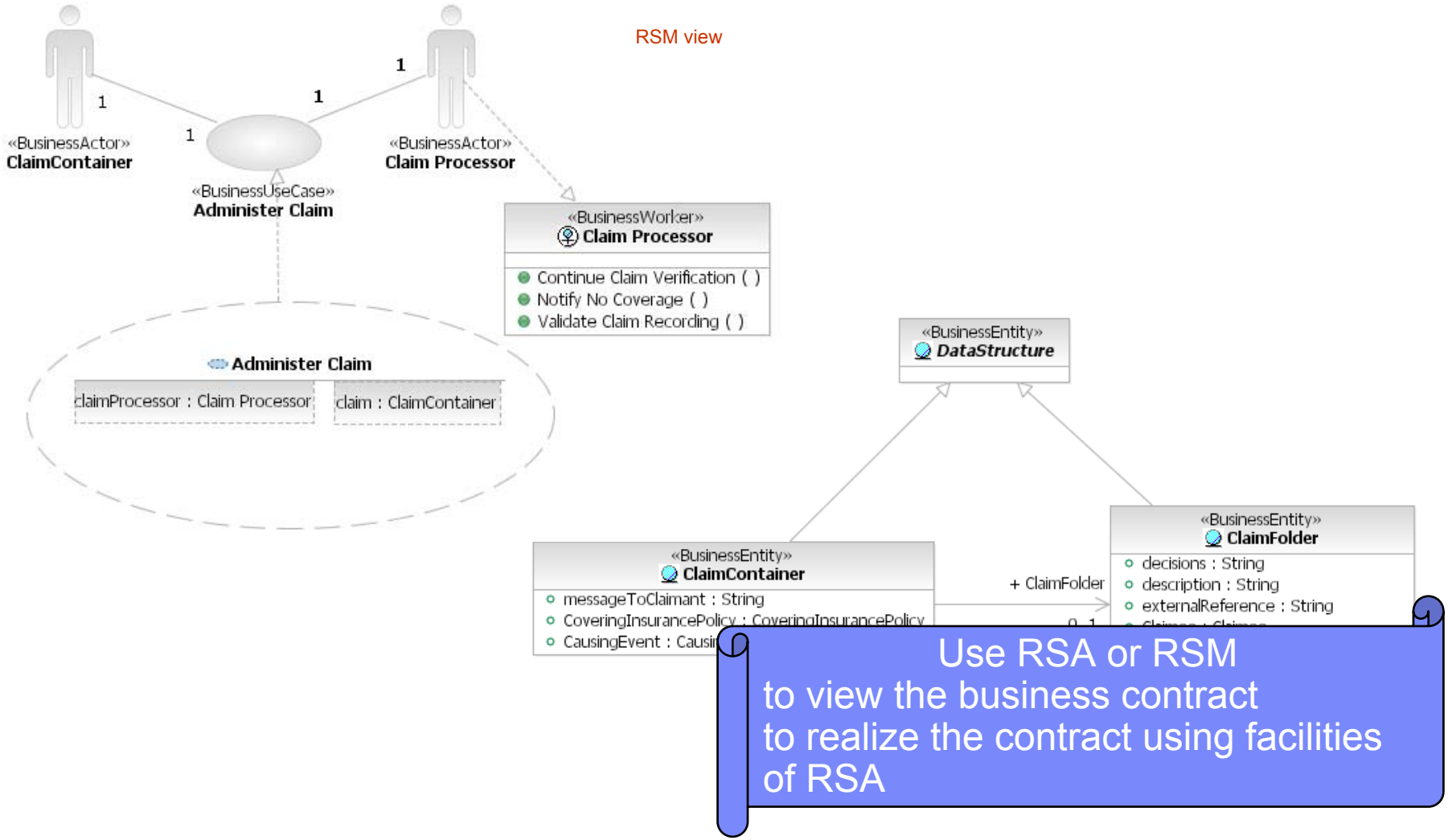
RequisitePro View

This maybe redundant, depending upon the WBM model completeness of, assigning role resources responsible for performing tasks







Use RequisitePro
to create business use cases

Artifacts: Business Analysis Model