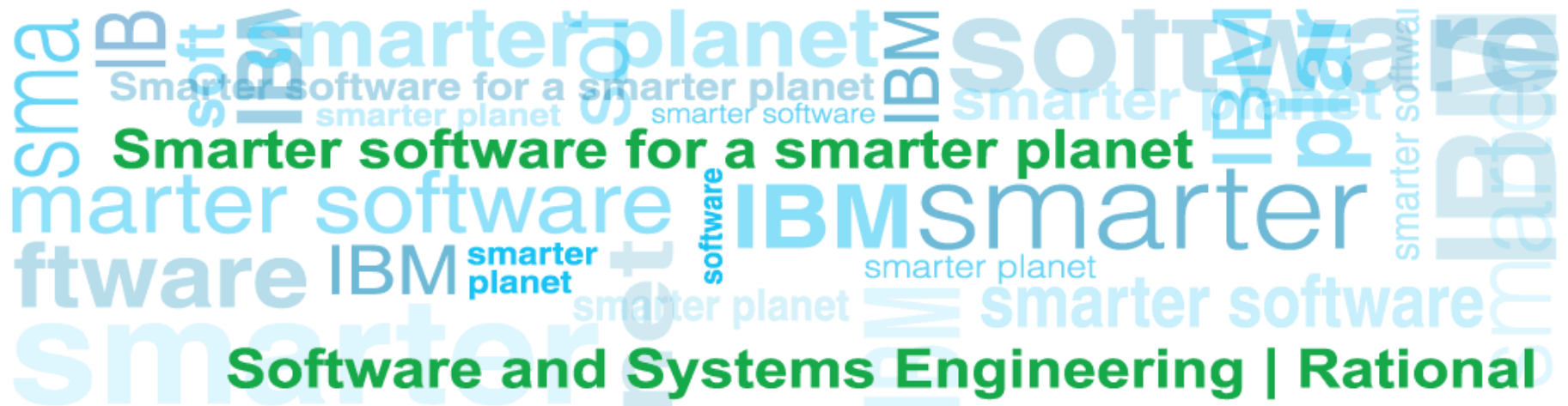


# Visual Definition in the Requirements Lifecycle: Using Rational Requirements Composer

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## Agenda

### Introducing Rational Requirement Composer

Understand what customers really want

Work Smarter

Work Together

Coming SOON!

Next Steps

- Provides a rich requirements definition capability combined with the power of requirements management.
- Empower teams to define, manage, and report on requirements in a lifecycle development project.

# Requirements Definition and Management for the Development Lifecycle

IBM Rational Requirements Composer v4.0

- **Empower teams of all sizes and complexity** to define, analyze, manage, report with project requirements
- Improve **visibility and understanding** of requirements across the development lifecycle
- **Realize project impact and downstream visibility** using traceability across requirements, test, and development
- **Drive development forward** with agile-at-scale and iterative processes in fast paced markets
- **Customer and stakeholder collaboration** for improved agility and informed decisions



# IBM Rational Requirements Composer – Complete Picture

## Requirements Engineering for the any development/delivery Lifecycle

### Rational Requirements Composer

#### Definition

- Rich-text documents
- Diagrams: Process, Use Case
- Storyboards, UI sketching & flow
- Project glossaries
- Templates (formal/agile)

#### Visibility

- Customizable dashboards
- Project dashboards
- Analysis views
- Collections/Modules
- Milestone tracking & status

#### Collaboration

- Review & Approval
- Discussions
- Email Notification

#### Management

- Structure, Attributes/Types
- Traceability, Suspect Link
- Filtering, Change History
- Tags, Reuse, Baselines,
- Reporting Metrics & Doc.

#### Lifecycle

- Central requirements, test, & development repository
- Common admin and role-based user licensing
- Access Permissions
- Warehouse reporting

#### Planning

- Integrated planning
- Effort estimation
- Task management



## Agenda

### Introducing Rational Requirement Composer

#### Understand what customers really want

Work Smarter

Work Together

Coming SOON!

Next Steps

- Engage a wide range of stakeholders to capture real business needs and project constraints
- Uncover missing, incorrect, and ambiguous requirements that drive project overruns and cancellations
- Work across boundaries: organizational, geographical, time zones

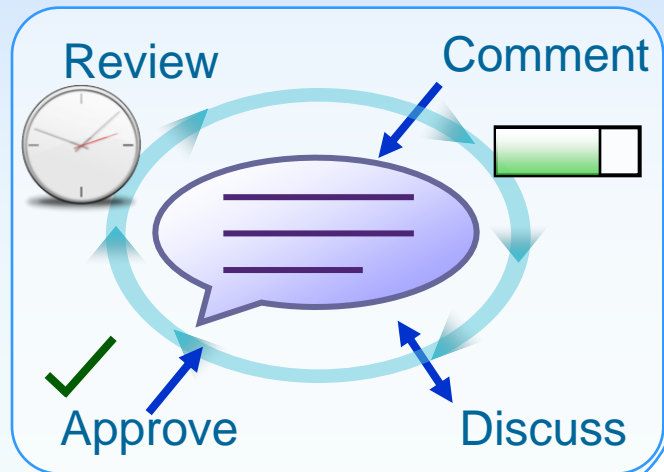
## Understand what the Customer really wants

### Enhance Requirement Quality with Text/Visual Scenarios

- Requirements management teams will capture detailed requirements and diagrams/pictures for critical for development understanding into a consolidated list of project information
- Collect and centralize your requirements in a single repository for management and team collaboration
- Business analysts can start high level requirements through example diagrams, storyboards, or UI mockup do depict how the concept product project will work
- Visually represent requirements through diagrams, use case, story boards to effectively communicate the business development needs

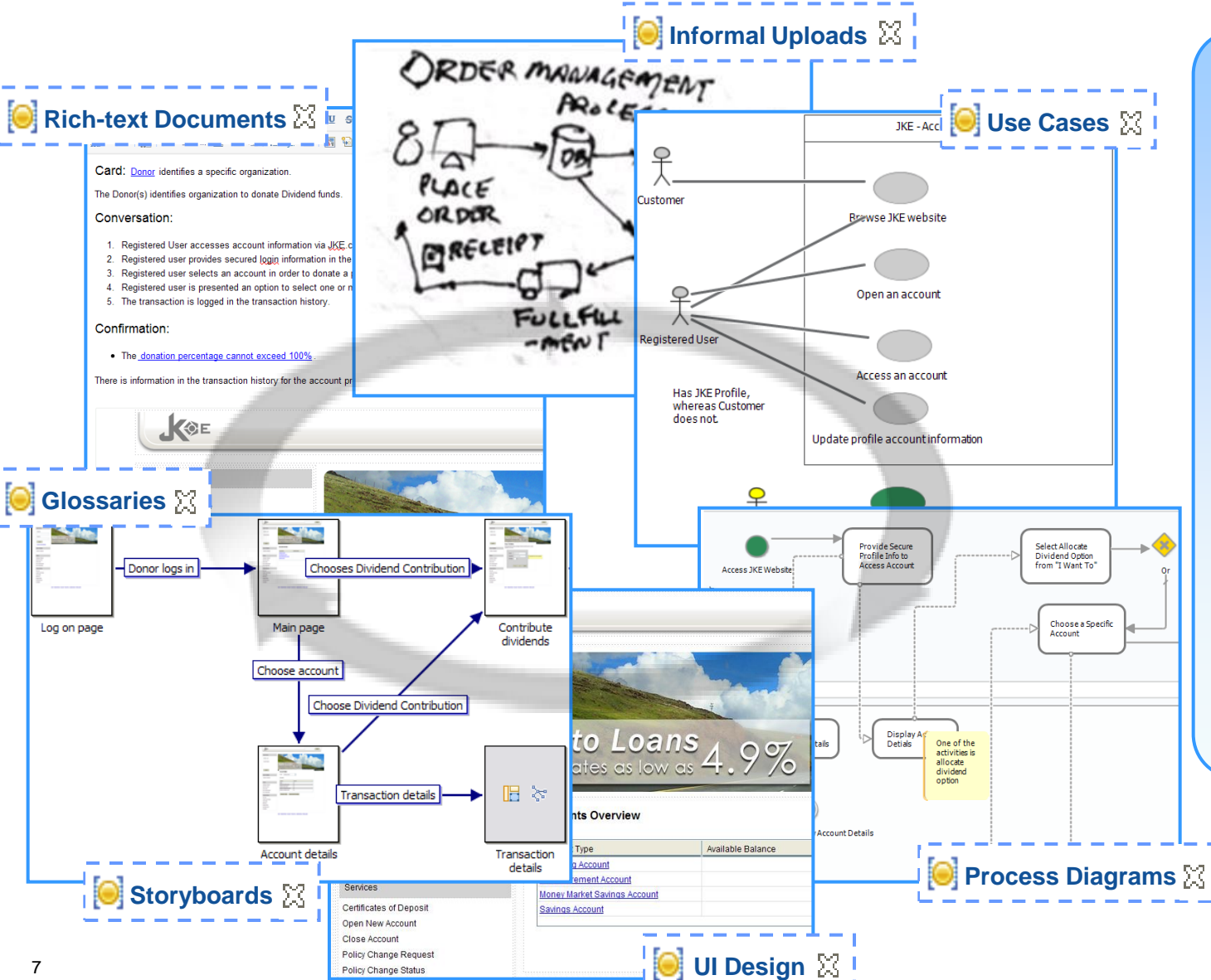
### Review And Enhance The Quality Of Your Requirements

- Requirements teams will review, discuss and collaborate on requirements using email notification for updates
- Achieve better quality requirements and product from collaboration



# Use Visual Scenarios to Uncover Customer Needs


## Using Rational Requirements Composer



- Defining requirement flows using scenarios to uncover missing critical details
- Text requirements link to diagrams to complete the development picture
- Visualise your development results through a variety of requirements forms
- Traceable elements helps ensure complete coverage thinking



# Rich Requirement Editor (Documents)



Used by All Project Team Members

### RRC Rich Requirement Editor

**Capability**

- Collaborative Rich Document Editor Environment (Text/Tables/Graphics)
- Specific Attributes and Links
- Glossary Terms

**Benefits**

- Rich document controls and table support for requirements capture, sharing, and management
- Unify teams around a common Vocabulary

**Overview**

**121: Donor Chooses Multiple Organizations**

Description:

Project: JKE Banking (Requirements)

Created On: Mar 17, 2011 3:14:18 PM

Created By: Andy - Admin

Modified On: Mar 17, 2011 3:14:48 PM

Modified By: Andy - Admin

Type: User Story Elaboration

Format: Text

Priority: High

Status: Approved

Role:

---

Comments

Links (13)

---

Illustrated By (7)

- 63: Accounts Overview (Home Page)
- 77: Dividend Contribution
- 100: Dividend contribution - confirmation
- 35: Dividend contribution - page 1
- 35: Dividend contribution - page 1
- 35: Dividend contribution - page 1
- 66: Dividend Contribution - screen flow
- 101: Finalized Transaction
- Satisfies (2)
- 23: Allocating Dividends to Cause

**Card: Donor** identifies a specific organization.

The Donor(s) identifies organization to donate Dividend funds.

**Conversation:**

1. Registered User accesses **account** information via JKE.com
2. Registered user provides secured **login** information in the Account
3. Registered user selects an account in order to donate a percentage
4. Registered user is presented an option to select one or more
5. The transaction is logged in the transaction history.

**Confirmation:**

- The donation percentage cannot exceed 100%.

**Terms starting with "account"**

<p><b>Account</b></p> <p><b>Account Activity</b></p> <p><b>Account Profile</b></p> <p><b>Balance of Account</b></p>	<p>1. Credit established under a particular name, usually by, against which withdrawals may be made.</p> <p>2. A record of the fi... (Term)</p> <p>A summary of activity on an Account. Includes: previous balance, payments, credits, new credit extended, finance charge... (Term)</p> <p>(Term)</p> <p>That amount necessary to equate the total debits and total credits posted to any given Account. (Term)</p>
---	--


Showing 4 matches. [Search other projects](#) [Show more information](#)

Find terms starting with:

Find terms containing:



# Process Sketching



**Business Analysts**

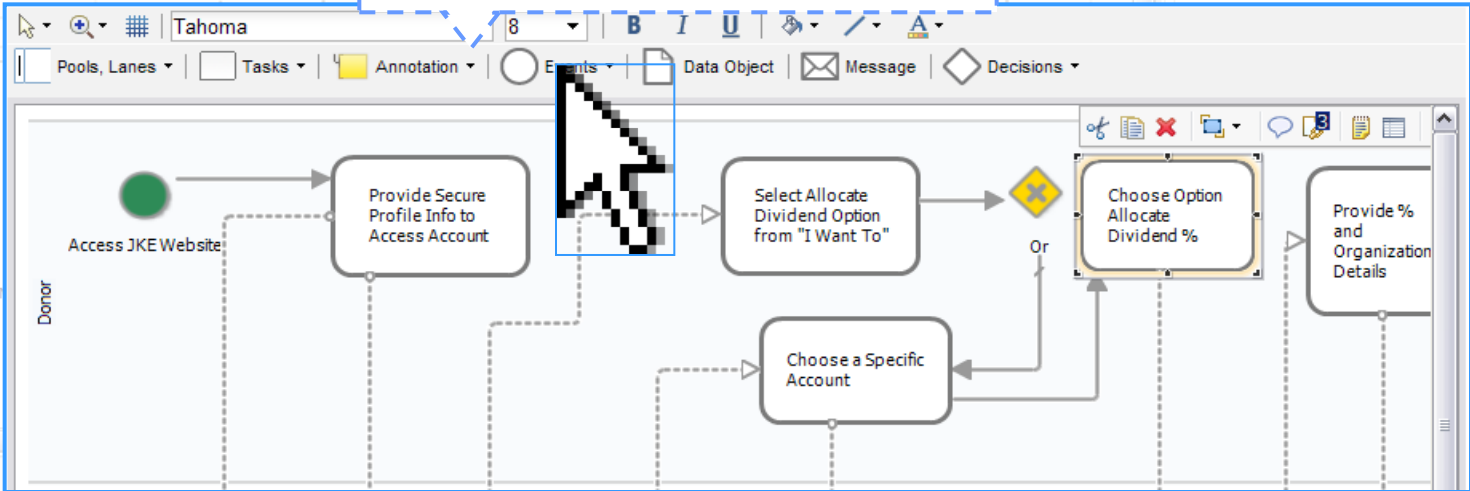
## RRC Process Sketching

### Capability

- Process Sketching Editor
- Standard Element Controls
- Traceability To Element

### Benefits

- Visual Representation For Your Process Or Business Diagram For Common Team Understanding
- Capture The Current And Propose A Future State With Business Process Diagrams



### Links (11)

- Illustrated By (5)
- 77: Dividend Contribution
- 100: Dividend contribution - confirmation (/
- 35: Dividend contribution - page 1 (Choose
- 101: Finalized Transaction (Display of Fina
- 83: Log In Page (Provide Secure Profile Inf
- Satisfied by (4)
- 99: Allocate dividends by Percentage (Cho
- 25: Dividend allocation by percentage (Chc
- 54: Donor Chooses an Organization
- 121: Donor Chooses Multiple Organization

# Use Case Diagrams

**All Project Team Members**

**RRC Use Cases**

**Capability**

- Use Case Diagrams
- Element Traceability to Use Case Description

**Benefits**

- Visually Represent How Your Product is Used
- Consistent Visual Notation
- Across Requirements for Consistent Team Understanding

**Create Link**

Linking from artifact: 47: JKE Enterprise Diagram  
 Link type: Parent Of

What to link to:  Link to an artifact  Link to web  
 Select project area: JKE Banking (Requirements)

Select artifact: 121: Donor Chooses Multiple Organizations  
 22: Allocate dividends by amount and frequency  
 27: User Story Elaboration Template  
 54: Donor Chooses an Organization  
 99: Allocate dividends by Percentage

**Links (1-15 of 26)**

Previous | 1 2 | Next

**Illustrates (4)**

- 22: Allocate dividends by amount and frequency
- 21: Apply for Organizational Funding (Apply)
- 54: Donor Chooses an Organization (Divid
- 29: Organization must identify how much n

**Constrained by (3)**

- 38: Charity Coordinator and or designated
- 55: Charity Coordinator and or designated
- 51: Donation amount cannot exceed 100 p

# User Interface Sketching

**Development and UI Designers**

**RRC UI Sketching**

**Capability**

- Design User Interfaces
- GUI Controls
- Rapid Changes Via Reusable Parts
- Interface Traceability

**Benefits**

- Visually Represent Software and Gain Conceptual Understanding/Agreement From Non-technical Stakeholders
- Collaborate Across Projects on Interface Proposals


Links (1-15 of 16)

- Illustrates (2)
- 54: Donor Choose
- 121: Donor Choose
- Embeds (10)
- 68: Account access
- 71: Account Details
- 56: Accounts Overview
- 56: Accounts Overview
- 58: Financial Services
- 36: Footer
- 107: Home page frame

**Accounts Overview**

Account Type	Available Balance
<a href="#">Checking Account</a>	
<a href="#">IRA Retirement Account</a>	
<a href="#">Money Market Savings Account</a>	
<a href="#">Savings Account</a>	

# User Interface Storyboard



Development and  
UI Designers

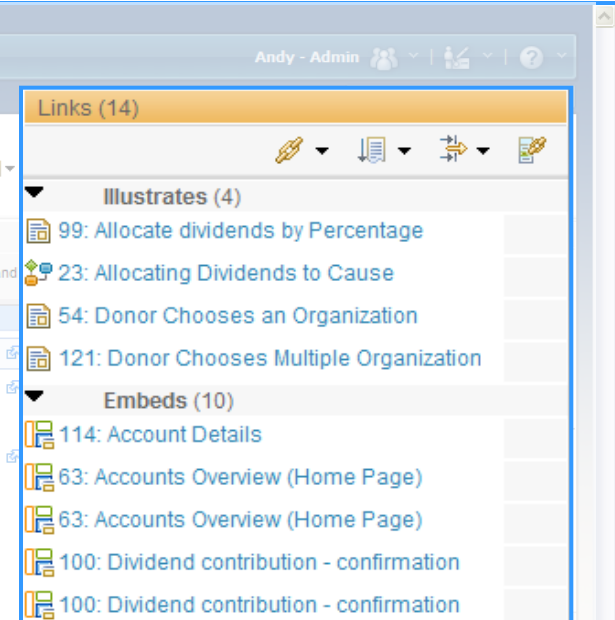
### RRC Interface Storyboard

**Capability**

- Storyboard Layout
- Frame List
- GUI Controls
- Sketch Reuse
- Interface Traceability

**Benefits**

- Layout Timeline for Flow Understanding and Collaboration
- Gain conceptual understanding and agreement from non-technical stakeholders



Requirements Management (jrm)

JKE Banking (Requirements)

Requirement Designer | Message Reports

Frames | Annotation | Containers | Artifacts | Input controls | Menus | Text | Buttons | Tables and Trees

**Frame List** Create your storyboard frame list. Press 'Enter' to create a new frame. Use Ctrl+Click on a frame to edit it.

1. Log on to JKE	<a href="#">SimpleSketch</a>
2. Accounts overview	<a href="#">SimpleSketch</a>

1

# User Interface Screen Flow



**RRC Interface Screen Flow**

**Capability**

- Interface Screen Flow
- UI Process
- GUI Controls
- Interface Traceability

**Benefits**

- Interface Screen Flow Understanding and Collaboration
- Team Conceptual Understanding for UI Flow

Admin

Search Projects

Core Functionality, Release 1

Save Done Cancel

putation - screen flow

flow of dividend contri

anking (Requirements)

2011 3:14:04 PM

Admin

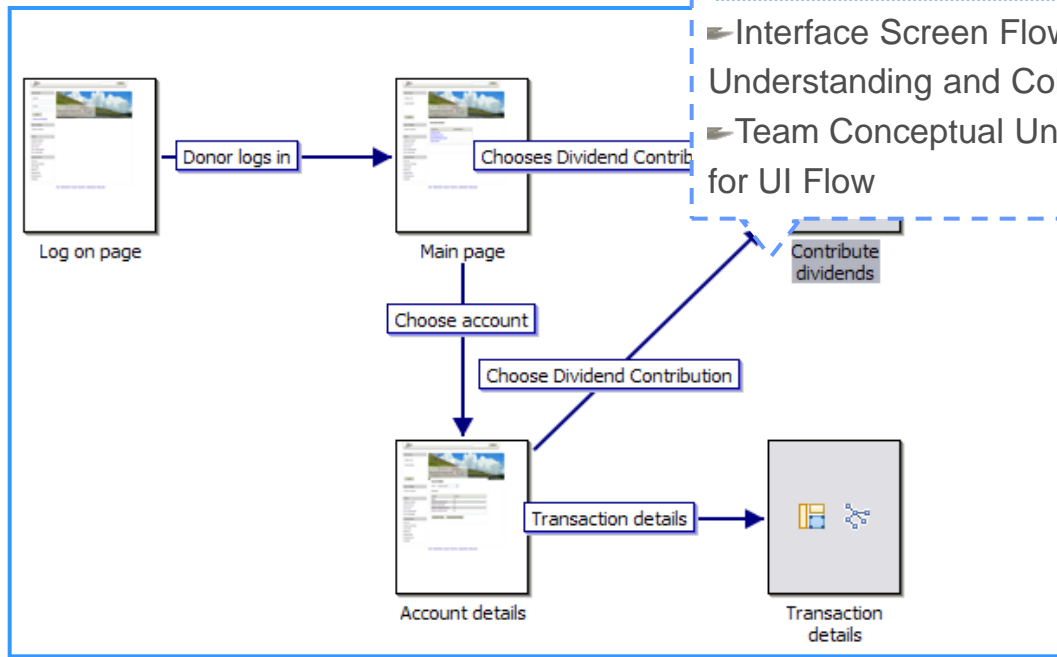
2011 3:14:36 PM

Admin

en Flow

nFlow

oved



**Links (8)**

Illustrates (3)

- 99: Allocate dividends by Percentage
- 54: Donor Chooses an Organization
- 121: Donor Chooses Multiple Organization

Embeds (5)

- 114: Account Details
- 63: Accounts Overview (Home Page)
- 100: Dividend contribution - confirmation
- 35: Dividend contribution - page 1
- 83: Log In Page



# Review (Collaboration)

**All Project Team Members**

**RRC Review (Collaboration)**

**Capability**

- Discussion Collaboration Support
- Review/Approval Workflow
- Email Notification

**Benefits**

- Improve Requirement Quality Through Team Discussion
- Controlled Formal Review Provides Signoff Process
- Email Broadcast Discussion Statements To One Or Many Team Members

**Participants**

Participant	Status	Progress
Ursula	25% reviewed	
1. Organization	Not started	🕒
2. Donor	In progress	🟢
3. Dividends for a Cause	Not started	🕒
4. Business Recovery Matters	Approved	✅

**Artifacts**

ID	Artifact	Status
60	Business Recovery Matters	Not started
65	Dividends for a Cause	Approved
64	Balance of Account	Abstained
62	Balance of Account	Approved
		Not started
		Reviewed

**Artifact Comments (11)**

- Tanuj Now: Reviewed in 'Review project terms' (Donor)
- Marco 1 minute ago: Reviewed in 'Review project terms' (Business Recovery Matters)
- Ursula 5 minutes ago: Approved in 'Review project terms' (Business Recovery Matters). Agree with the definition. Just wondering there a third investment option?
- Curtis 5 minutes ago: Abstained in 'Review project terms' (Business Recovery Matters). Out of office on vacation.
- Curtis 5 minutes ago: Abstained in 'Review project terms' (Dividends for a Cause). Out of office on vacation.
- Curtis 5 minutes ago: [Comment]

**Review Email Alerts**

Add Artifacts  
 Remove Artifacts  
 Open Artifact  
 Change Status  
 Move Up  
 Move Down

## Agenda

### Introducing Rational Requirement Composer

Understand what customers really want

Work Smarter

Work Together

Coming SOON!

Next Steps

- Bridge your information islands
- Automate what you can to reduce errors and increase productivity
- Reuse existing knowledge and good practices



## Work Smarter

### Manage and Analyze the Projects Position and Status

#### **Creating Traceability (Relationships)**

- Project members will be able to create links/relationships between common requirements artifacts to enable development, show dependence, and prove compliance
- Expose gaps and realize change impact in your development process by applying effective traceability between related project information

#### **Management Analysis (Filtering, Sorts, Tagging)**

- Business analysts using filters, sorting, Tags, and other data analysis features to manage requirements content and spot change
- Manage business requirements and find gaps, adapt to change, and manage expectations

#### **Baselines & Collections**

- Project members will collect requirements together or documents and put them into collections or baselines as part of project milestones
- Establish proper review milestones for development for review and comparison



### Understand Project Gaps and Changes Using Traceability

#### **Traceability Analysis**

- Traceability analysis features will allow team members to see dependency on other requirements, spot gaps in the project, and help manage compliancy
- Raise product quality, lower cost from redundancy and error using traceability

# Traceability (Analysis Tools) – Grid View

**All Project Team Members**

**RRC Traceability (Grid View)**

**Capability**

- Traceability Using Link Types
- Dynamic Lifecycle Traceability
- Multi-level (end to end)

**Traceability Analysis Views**

- Rich Hover Traceability

**Benefits**

- Understand Relationships
- Coverage, Gap, Impact and Requirements Change Analysis

ID	Name	Artifact Type	Implemented By	Validated By
8	Dividend allocation by percentage	Feature	75: Dividend Allocation by Percentage	18: Dividend Allocation by Percentage
11	Customers can nominate an organization for the program	Feature	67: Customers can Nominate an Organization	21: Customers can nominate an organization for the program 10: Customers can Nominate an Organization
12	Donor Dividend Allocation Criteria	Feature	73: Donor Dividend Allocation Criteria	16: Donor Dividend Allocation Criteria
<b>Satisfied by</b>				
23	Frequency of dividend transfer	Feature	58: Frequency of dividend transfer	1: Frequency of dividend transfer

# Traceability (Analysis Tools) – Tree View

**RRC Traceability (Tree View)**

**Capability**

- Traceability Using Link Types
- Dynamic Lifecycle Traceability
- Multi-level (end to end)

**Traceability Analysis Views Benefits**

- Understand Relationships
- Discover Downstream Status and Change Through Attributes
- Coverage, Gap, Impact and Requirements Change Analysis

**Business Analysts, Team Leads**

**Configure Tree**

For each artifact type displayed, you can specify which links to show in the tree view, based on the link type and artifact type of the link target.

Source artifact type(s)	Link types to show	Link targets to show
Feature	Satisfied by	User Story Elaboration
User Story Elaboration	Illustrated By, Satisfied by	Any
Stakeholder Need	Satisfied by	Feature

Buttons: + Add new..., Apply, Cancel

ID	Name	Artifact Type	Last Modified By	Last Modified Date
31	Donors can choose to support an organization	Feature	Kirk	Feb 18, 2011 7:04:17 AM
Satisfied by				
69	Donor Chooses an Organization	User Story Elaboration	Kirk	Feb 18, 2011 7:04:23 AM
Illustrated By				
60	Divident contribution - page 1	Sketch	Kirk	Feb 18, 2011 12:07:24 PM
14	JKE Enterprise Diagram	Use Case Diagram	Kirk	Feb 18, 2011 7:04:14 AM
54	Allocate dividends by Percentage	User Story Elaboration	Kirk	Feb 18, 2011 7:04:21 AM

# Requirements Analysis Tools (Filtering)

The screenshot shows the IBM Requirements Management (Jazz) interface for 'JKE Banking (Requirements)'. The main table lists requirements artifacts with columns for ID, Name, Artifact Type, Business Priority, Status, and Validated By. A sidebar on the left provides filtering options, including 'Filter by Attribute' with a list of attributes like Name, Artifact type, and Last modified by. A callout box titled 'RRC Analysis Tools' lists capabilities and benefits.

ID	Name	Artifact Type	Business Priority	Status	Validated By
40	Customers can nominate an organization for the program	Feature	Should	Draft	10: Customers can Nominate an Organization
50	Organization must provide justification why funds are needed	Feature	Could	Draft	12: Organization must provide justification for why funds are needed
	Requests sent in form of hard copy mail	Feature	Should	Under Review	4: Process hard copy requests
103	Requests sent in form of hard copy mail	Feature	Should	Under Review	4: Process hard copy requests
25	Dividend allocation by percentage	Feature	Must		
89	Donors receive receipt		Must		
91	JKE Charity Co-ops request in the		Must		
29	Organization money is de		Must		
86	Organization	Feature	Must		
88	Organization request		Must		
80	Donation by		Should		
15	Donor Dividend Allocation Criteria	Feature	Should		
16	Donors Deposit Money in a Pooled Assistance Fund	Feature	Should		
24	Donors can choose to support an organization	Feature	Should		
95	Frequency of dividend transfer	Feature	Should		
87	Requests sent in form of email	Feature	Should		

**Product & Project Managers**

### RRC Analysis Tools


**Capability**

- Filter (Attribute, Link, Value, Tag)
- Tagging
- Sort

**Benefits**

- Filter/Sort/Tag to Generate Valuable Reports Directly in RRC
- Develop Filtered/Sorted Views To Discover Trace Gaps, Priority, Changes, or Other Process Reports
- Tag Related Information for Improved Management

# Audit Trail History (Analysis Tools)



**All Project Team Members**

**RRC Change History**

**Capability**

- Change History of All Revisions
- Previous Revision Access
- Automated Audit History Tracking
- Difference Change Mark-up
- History/Reversion Query

**Benefits**

- Access all Prior Revisions of Each Artifact for Change Assessment
- Explore / Analyze Changes
- Restore Previous Versions if Mistakes are Made

JKE Banking (Requirements) > JKE Private Banking and Securities Project > Use Case Content > 28: Open an account Mar 17, 2011 3:14:49 PM

Show Previous Revisions Show Change History

Today (0)	Yesterday (3)
Expand All   Collapse All	
Andy - Admin changed on Mar 17, 2011 3:14:49 PM	
Tag	added: Private Banking & Securities
Andy - Admin changed on Mar 17, 2011 3:14:28 PM	
Object Type	added: Use Case Specification
Attribute	added: Description
Attribute	added: Status Approved
Attribute	added: Title <u>Open an account</u>
Attribute	added: Primary Text <a href="#">Show changes</a>
Attribute	added: Priority Low
Andy - Admin changed on Mar 17, 2011 3:13:57 PM	
Attribute	added: Artifact Format Text

# Work Smarter



## Reuse Requirements and Critical Project Information

### Parallel Requirements Reuse

- Product Managers and Team Leaders can identify key requirements that apply to multiple projects for reuse
- Reusing project information in parallel saves time, keeps common requirements consistent, and reduces the risk of errors between projects

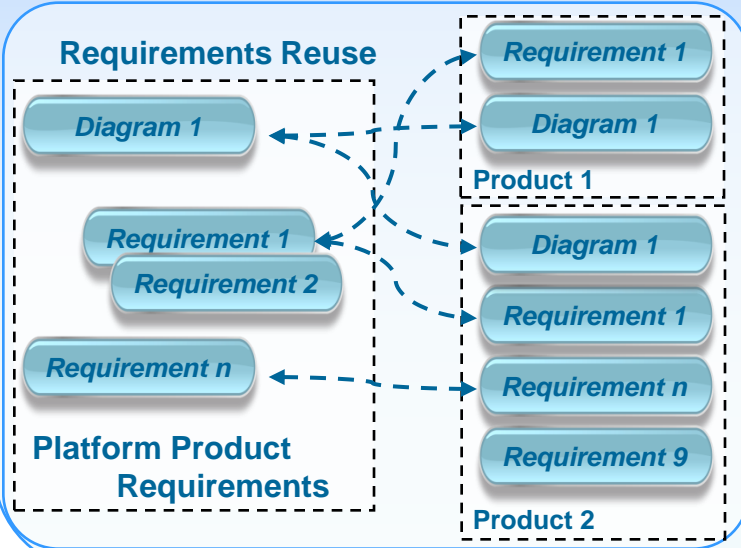
### Report and Discover Your Projects Status

### Import, Export, and migration

- Project members will take existing requirements documents, spreadsheets, and ReqPro data and import them into the RM database
- Migrate requirements information into a centralized RDM tool

### Reporting and Document Generation

- Team leaders will want to deliver reports to senior managers or suppliers/collaborators using document generation facilities
- Provide high quality reports/documents for your requirements driven projects





# Embedded Artefacts (Requirements Reuse)

**Insert Artifact**

Select an artifact to insert

Select project area: JKE Banking (Requirements) ▾


Select Link Type: No Traceability Link ▾

Search for artifacts by id or for words contained in the name:

Search...

Select artifact from the following recently visited artifacts: Displaying 1-3 of 3 matches

- 104: Promote JKE Corporate Image
- 73: Healthy Customer Ecosystem
- 77: Give Back



**Analysts,  
Development**

**Artefact Embed (Reuse)**

**Capability**

- Artefact Embed
- Embedded Artefact Views

**Benefits**

- Change Common Requirements in Single Location
- Parallel Development
- Reuse Requirements from Other Products that Apply to New Project

What is the goal of a user? Use 2-3 sentences to capture the intent of the user story. For example, as a (user role), I want to (achieve a goal) so that I can (provide a reason).

**Card**

Donor(s) can choose to allocate a specific percentage of their dividends to support organizations.

**Conversation**

1. Initial capability:



# Write Access Support Permissions

The screenshot shows the 'Application Administration - Requirements' interface. The main content area displays 'Active Project Areas' with 'JKE Banking (Requirements M...)' selected. The 'Permissions' section is active, showing a 'Configuration' tab with options for Project Configuration, Team Configuration, Iteration Types, and Timelines. A context menu is open over the 'Images' folder, listing actions like 'New Folder', 'Create...', 'Upload...', 'Assign Team Ownership...', 'Delete', 'Move', and 'Rename'. The 'Roles' list includes 'Everyone (default)', 'Administrator', 'Author', 'Commenter', and 'Project Baseline Administrator'. The 'Permitted Actions' list includes 'Dashboards', 'Process', 'Process Authoring', 'Reports', 'Requirements Management Resources', 'Assign Team Ownership', 'Save Artifact', 'Create an artifact', 'Delete an artifact', and 'Modify an artifact'.



**Write Access Support**

**Capability**

- Set Write access permissions on a project role for the members of a project/team area

**Benefits**

- Control editing and modification to your project requirements, scenarios, and use cases

# Requirements Parsing (from Word Documents)

The screenshot shows the 'Requirements Management' application interface. The main window is titled 'JKE Banking (Requirements Management)'. A 'Project Dashboard' is visible at the top. The 'Upload File' dialog is open, showing the file path 'C:\Users\IBM\_ADMIN\Desktop\Mobile Banking.doc' and the mime type 'Microsoft Word Document (doc)'. The 'Artifact Information' section includes fields for Name, Artifact Type (set to 'Non-Function'), Artifact Format (set to 'File'), and Location (Folder: 'Christian'). The 'Import' dialog is also open, showing options for importing requirements from a text document, CSV file, or ReqIF file. The 'Import requirements from within a text document' option is selected.

**Requirements Parsing**

**Capability**

- Automatically identify imported requirements using keywords and document hierarchy

**Benefits**

- Quickly identify requirement with syntax standards using structure and key words

**Import**

1 Import 2 3 4

Select what to import

- Import requirements from within a text document**  
Identifies and extracts requirements within the document (Word, OpenDocument, OpenOffice document).
- Import requirements from a CSV file**  
Extracts requirements from a CSV file.
- Import requirements from a ReqIF file**  
Import requirements defined in a Requirements Interchange Format file.
- Import requirements from a ReqIF file in this project**  
Choose this option if you previously uploaded a ReqIF file and want to continue importing.
- Import a text document and convert to a rich text artifact**

< Back Next >

1 2 3 Identify requirements 4

**Specify how to identify requirements**

Specify how to identify requirements

There are several criterion you can use to identify requirements within the document. For each criterion you want to use, specify the artifact type to create.

**Headings**

For each heading, create artifact type:

Term (Glossary Terms) [v]

**All other text**

For all other text (not matching criterion above), create artifact type:

Vision (Vision document) [v]

Click next to begin importing the requirements.

< Back Next > Finish Cancel



# Import Microsoft Word or CSV

**Import Document**

Import a Microsoft Word, OpenDocument, Open Office, or rich-text document.

**Limitations:**

Does not convert: table of contents, VBA macros, mail merge fields, drawings, .emf, .wmf, and .pict format embedded images, columns (are not preserved), table styles, Word Art, OLE objects (like Visio), embedded XML, document properties, or document comments.

File: \*

Artifact Name:

Folder:

Artifact Type:

Import Options:

Import for viewing use  Import for editing and viewing  Create RRC comments for Word comments

---

**Import Requirements**

File to Upload: \*

Location:

Folder:

---

**RRC Data Import**

**Capability**

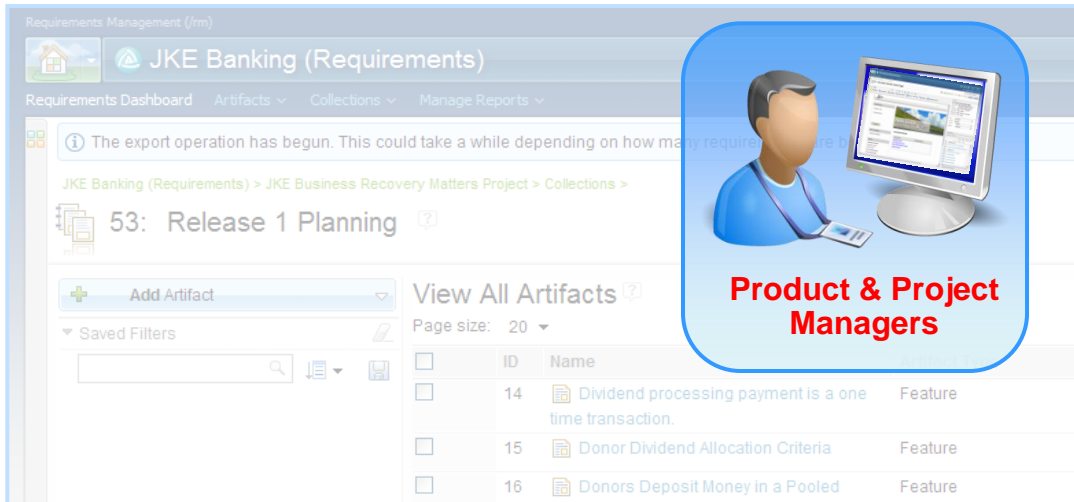
- Import/Export for CSV
- Import (RTF Convert) for Word
- Generic Data Migrate (CSV)

**Benefits**

- Import Information Received From External Sources or Created Off-line
- Migrate Existing Project Requirements
- Reuse Data from Other Tools
- Export Information for Off-line Use

**All Project Members**

# Export CSV (Spreadsheet)



**Product & Project Managers**

### RRC CSV Export

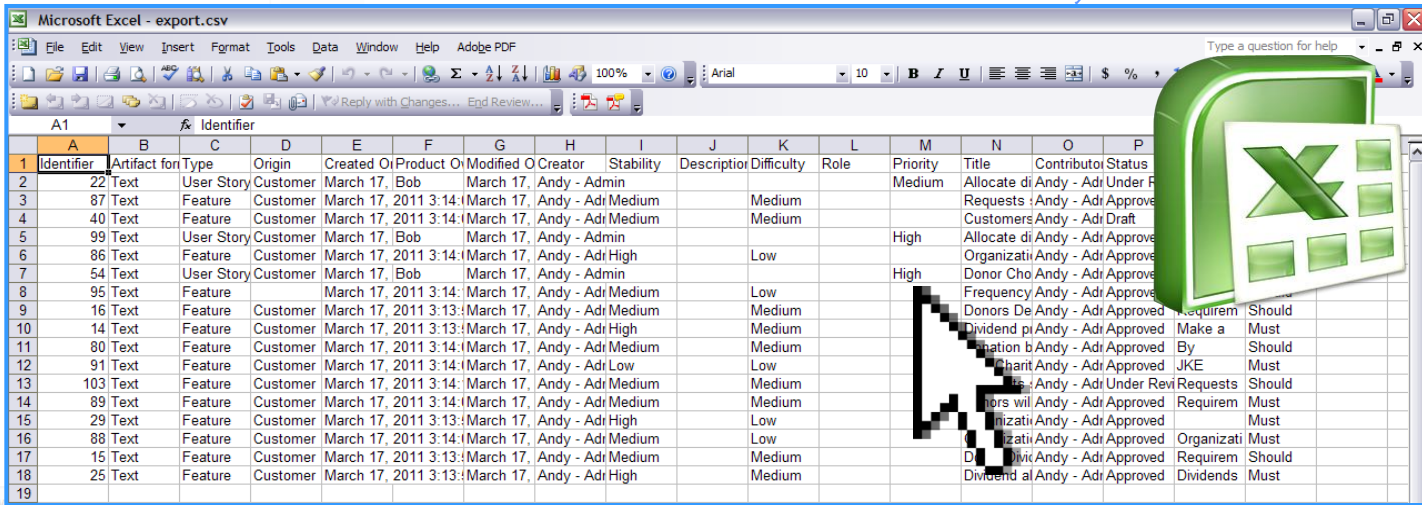
**Capability**

- Export for CSV
- View/Filter Export

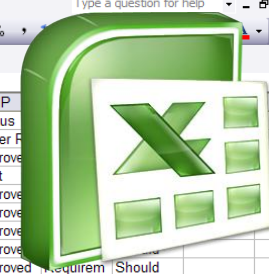
**Benefits**

- Export existing requirements for use in other tools (for further Analysis)
- Create ad hoc Spreadsheet Reports
- Share Requirements with Partners



Identifier	Artifact for Type	Origin	Created On	Product On	Modified On	Creator	Stability	Descriptor	Difficulty	Role	Priority	Title	Contributor	Status
22	Text	User Story	Customer	March 17, 2011 3:14:1	March 17, 2011 3:14:1	Bob	Medium				Medium	Allocate di	Andy - Adr	Under P
87	Text	Feature	Customer	March 17, 2011 3:14:1	March 17, 2011 3:14:1	Bob	Medium		Medium			Requests	Andy - Adr	Approve
40	Text	Feature	Customer	March 17, 2011 3:14:1	March 17, 2011 3:14:1	Bob	Medium		Medium			Customers	Andy - Adr	Draft
99	Text	User Story	Customer	March 17, 2011 3:14:1	March 17, 2011 3:14:1	Bob	Medium				High	Allocate di	Andy - Adr	Approve
86	Text	Feature	Customer	March 17, 2011 3:14:1	March 17, 2011 3:14:1	Bob	High		Low			Organizati	Andy - Adr	Approve
54	Text	User Story	Customer	March 17, 2011 3:14:1	March 17, 2011 3:14:1	Bob	Medium				High	Donor Cho	Andy - Adr	Approve
95	Text	Feature	Customer	March 17, 2011 3:14:1	March 17, 2011 3:14:1	Bob	Medium		Low			Frequency	Andy - Adr	Approve
16	Text	Feature	Customer	March 17, 2011 3:13:1	March 17, 2011 3:13:1	Bob	Medium		Medium			Donors De	Andy - Adr	Approved
14	Text	Feature	Customer	March 17, 2011 3:13:1	March 17, 2011 3:13:1	Bob	High		Medium			Dividend pi	Andy - Adr	Approved
80	Text	Feature	Customer	March 17, 2011 3:14:1	March 17, 2011 3:14:1	Bob	Medium		Medium			ation b	Andy - Adr	Approved
91	Text	Feature	Customer	March 17, 2011 3:14:1	March 17, 2011 3:14:1	Bob	Low		Low			Charit	Andy - Adr	Approved
103	Text	Feature	Customer	March 17, 2011 3:14:1	March 17, 2011 3:14:1	Bob	Medium		Medium			is	Andy - Adr	Under Revi
89	Text	Feature	Customer	March 17, 2011 3:14:1	March 17, 2011 3:14:1	Bob	Medium		Medium			ers wil	Andy - Adr	Approved
29	Text	Feature	Customer	March 17, 2011 3:13:1	March 17, 2011 3:13:1	Bob	High		Low			izati	Andy - Adr	Approved
88	Text	Feature	Customer	March 17, 2011 3:14:1	March 17, 2011 3:14:1	Bob	Medium		Low			izati	Andy - Adr	Approved
15	Text	Feature	Customer	March 17, 2011 3:13:1	March 17, 2011 3:13:1	Bob	Medium		Medium			Divid	Andy - Adr	Approved
25	Text	Feature	Customer	March 17, 2011 3:13:1	March 17, 2011 3:13:1	Bob	High		Medium			Dividend al	Andy - Adr	Approved



# Publish Document (PDF)



Create PDF Document : Open an account

Include Comments

Include Attributes

OK Cancel

**RRC Document Publish**

**Capability**

- PDF or Microsoft Word Output
- Use OOTB Templates
- Take Data Offline

**Benefits**

- Useful for meetings and external stakeholders
- Partner/Collaborator Document Delivery

requirement\_2qoxkVDJEeCu6vkqVIRGqw.pdf - Adobe Acrobat Pro

Printable version March 18, 2011

## 1 Open an account

### 1.1 Overview

Name:	Open an account
Type:	Use Case Specification
Project:	JKE Banking (Requirements)
Created On:	March 17, 2011 15:13:57
Creator:	Andy
Last Modified:	March 17, 2011 15:14:28
Artifact Revision URL:	Open an account Revision 7UWuillDIEeCu6vkqVIRGqw

### 1.2 Attributes

Name	Value
Priority	Low
Status	Approved
Identifier	28

### 1.2.1 Artifact Content

## 2 Use Case: Open an Account

### 2.1 1.0 Brief Description

A customer has accessed the JKE website and would like to open an Account.

### 2.2 2.0 Applicable Actors

A Customer would like to open an account.  
A Registered User would like to open a new account.

### 2.3 3.0 Basic Flow of Events

- The JKE website is accessed.
- A registered user will provide their secure profile content and is directed to his/her account details.
  - From the account details a registered user requests to open an account.
  - The registered user specifies the type of account which will be opened
    - Based on the account type chosen the user will be provided with different options
    - If there are specific business rules that are applicable given the type of account chosen, the registered user will be informed of these restrictions.
    - If the registered user is required to visit a bank location, he/she will be informed of this requirement and will be provided the contact information of a Personal Banker for assistance.

Confidential Page 2 of 3

# Requirements Interchange Format (ReqIF)

## ReqIF Manager

Create and manage ReqIF definitions, which are used to create and export ReqIF files.  
No ReqIF definitions defined yet. Click on the "New Definition..." link below to create one.



### ReqIF

#### Capability

- Export requirements from projects using XML standard format ReqIF
- Take project data to new database

#### Benefits

- Establish new projects based on existing requirements
- Easily collaborate with partners and collaborator using export formats



## Agenda

Introducing Rational Requirement Composer

Understand what customers really want

Work Smarter

Work Together

Coming SOON!

Next Steps

- Align development and test activities with customer value
- Improve information visibility and management of change



## Work Together

### Role-based Development Disciplines For Better Project Execution

#### Connect to Extended Development (ALM)

- Team members in other project disciplines (testing, development, etc.) will consume, use, and author product information content

#### Business Analysts and Product Management

- Analysts define and validate scenarios; analyze and manage requirements for product releases
- Requirements can be traced to test and changes easily discovered to keep information valid

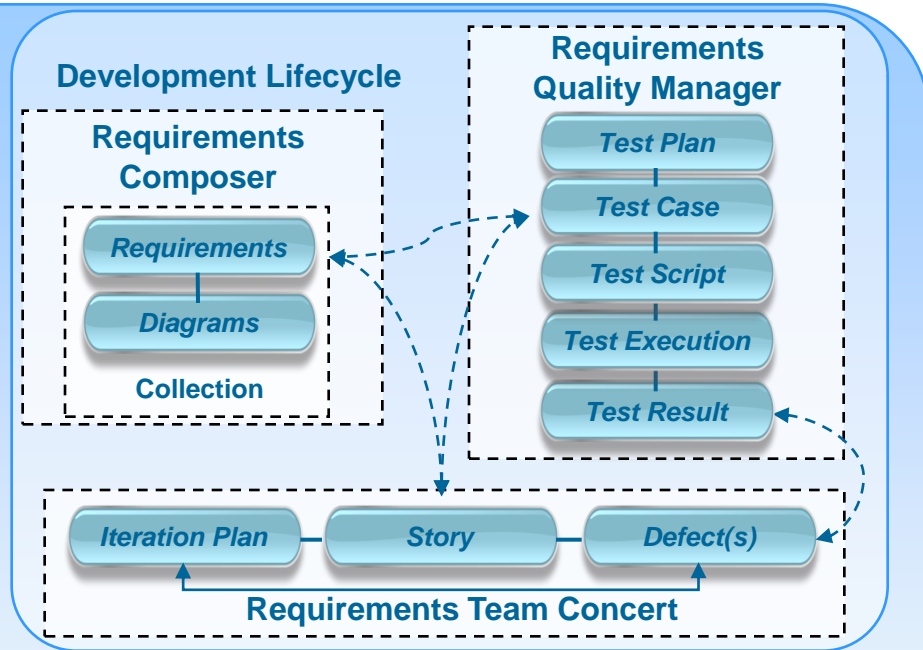
#### Developer, Dev Leads

- Developers see defect in their "To Do" list, and can link to detailed defect information.
- Developers create, prioritize and track work items according to business value

#### Quality Assurance, Testers

- Testers create test plans and report test results against requirements
- Testers captures test execution results and logs defect as a work-item.

Improve visibility & predictability using dashboards using development intelligence



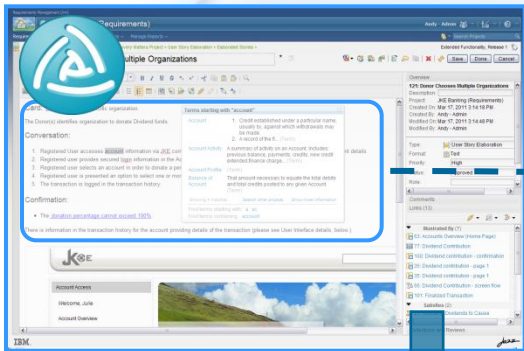
# Working in a Development Lifecycle (ALM Today)

Requirements driven development across the lifecycle

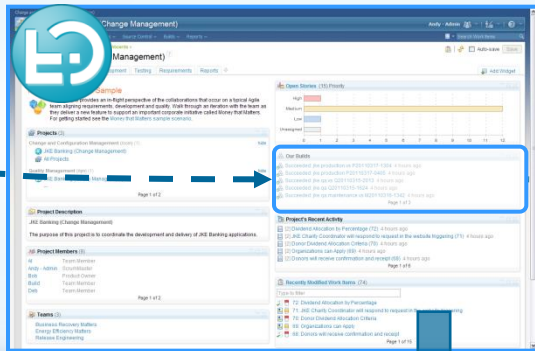


**Analysts,  
Testers,  
Developers**

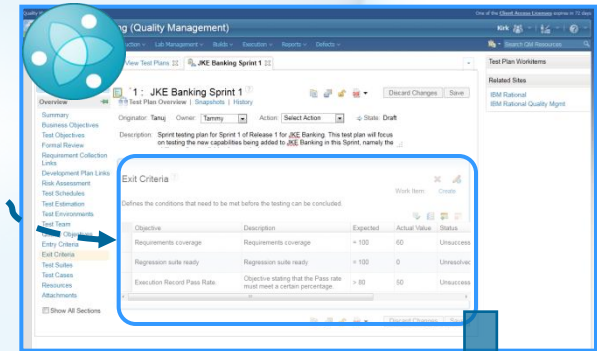
## Rational Requirements Composer 3.0



## Rational Quality Manager 3.0



## Rational Team Concert 3.0



Requirements	Artifact Type	Implemented By	Validated By
8 Dividend allocation by percentage	Feature	75: Dividend Allocation by Percentage	18: Dividend Allocation by Percentage
11 Customers can nominate an organization for the program	Feature	67: Customers can Nominate an Org...	21: Customers can nominate an organization for the program 10: Customers can Nominate an Organiz...
12 Donor Dividend Allocation Criteria	Feature	73: Donor Dividend Allocation Criteria	16: Donor Dividend Allocation Criteria
Satisfied by			
23 Frequency of dividend transfer	Feature	58: Frequency of dividend transfer	1: Frequency of dividend transfer

## Single View for End to End Development Needs

# Dashboards



**Recent Changes in All Projects (100)**

- Donor Chooses Multiple Organizations (121) 1 hour ago
- Audit History - Elaborated User Stories (11) 1 hour ago
- Traceability Report - Release 1 Features (10) 1 hour ago
- Traceability Report - Elaborated User Stories (9) 1 hour ago
- Requirement Specification - Elaborated User Stories (8) 1 hour ago
- Vision Template (120) 1 hour ago
- Improve customer experience (119) 1 hour ago
- Account Lockout (118) 1 hour ago
- Target socially cognizant initiatives to grow JKE visibility (117) 1 hour ago
- Process Account Profile Information (116) 1 hour ago

Page 1 of 10

**Comments in All Projects (11)**

- Tanuj 1 minute ago
  - Donor
- Marco 1 minute ago
  - Business Recovery Matters
- Ursula 5 minutes ago
  - Approved in 'Review project terms'
  - Agree with the definition. Just wondering if is there a third investment option?
  - Business Recovery Matters

**1: JKE Banking Release 1**

Name	State
1: JKE Banking Release 1	Draft

**Description**  
Defines testing for the Release 1 of JKE Banking. Significant capabilities being added in Release 1 include the Money that Matters initiative whereby account holders can elect to redirect dividends from their investments to causes needing assistance.

**Details**

Originator:	tammy	Updated:	3/17/11 5:10:25 PM PDT
Calculated Risk:	●●●●○	Project Area:	JKE Banking (Quality Management)
Community Risk:	●●●●○	Team Area:	
Product:	Personal Banking		
Release:	R 1.0		
Test Phase:	User Acceptance Test		

**Test Cases**

- 1: Verify dividend transfer frequency
- 10: Customers can Nominate an Organization
- 11: Donors Choose an Organization
- 12: Organization must provide justification for why funds are needed
- 13: Donation amount limits
- 14: Donors will receive confirmation and receipt
- 15: Organizations can Apply

Show Less

**RRC Dashboard**

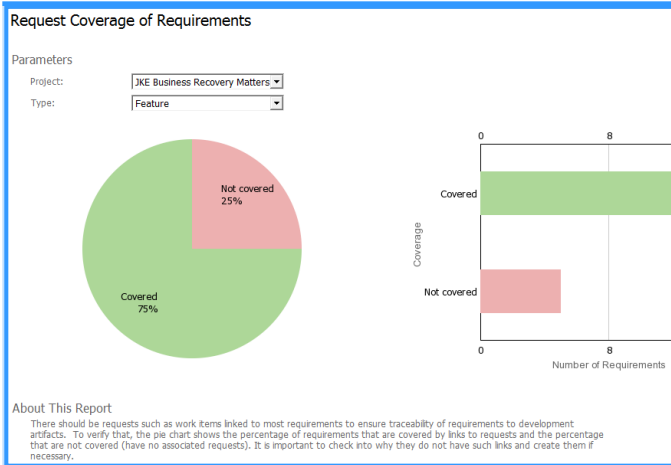
**Capability**

- Configurable Dashboard Widgets
- View projects, recent changes, traceability, comments, reviews

**Benefits**

- Easy Navigation to find project data
- Quickly recognise recent change
- Discover traceable requirements
- Take part in ongoing discussions
- Participate in development without the need to request information

# Data Warehouse and Web-based Metric Reports



## RRC Reporting

### Capability

- Data warehouse and web-based reports
- Rational Insight
- Use OOTB Reports (Coverage, Open Defect, Distribution, Execution Results, Traceability, Test Coverage/Trends)

### Benefits

- Reporting for Development Intelligence
- Discover Requirements Impact and Change

### Select the Artifacts

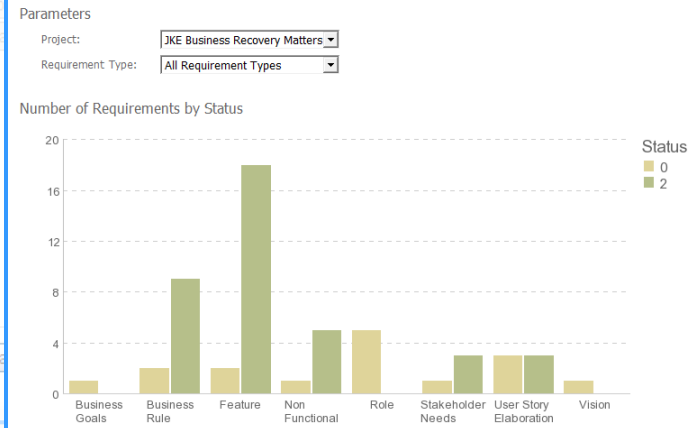
### Requirements traces to Requests

Row	Tag	Name	Type	Status	Request ID	Request Type
1	22	<a href="#">Organizations can apply</a>	Feature	Approved	66	Story
Number related open requests:						
2	23	<a href="#">Requests sent in form of email</a>	Feature	Approved	73	Defect
3					56	Story
Number related open requests:						
4	24	<a href="#">Organizations may apply with an initial request</a>	Feature	Approved	59	Story
Number related open requests:						
5	27	<a href="#">JKE Charity Coordinator will respond to request in the website triggering...</a>	Feature	Approved	71	Defect
6					72	Defect
Number related open requests:						
7	34	<a href="#">Donation by Amount</a>	Feature	Approved	64	Story
Number related open requests:						

### Requirements traces to Test Cases

Row	Tag	Name	Type	Status	Test Case ID	Test Case Name
1	13	<a href="#">Donors can choose to support an organization</a>	Feature	Approved	7	<a href="#">Donors Can Choose to Support an Organization</a>
Number related Test Cases:						
2	14	<a href="#">Dividend allocation by percentage</a>	Feature	Approved	16	<a href="#">Dividend Allocation by Percentage</a>
Number related Test Cases:						
3	22	<a href="#">Organizations can apply</a>	Feature	Approved	13	<a href="#">Organizations can Apply</a>
Number related Test Cases:						

### Requirements Distribution



## Agenda

Introducing Rational Requirement Composer

Understand what customers really want

Work Smarter

Work Together

Coming SOON!

Next Steps

- For more product information and tool demonstrations

## Next Steps

Where to go now...

The following links will take you to the next step...



- Requirements Composer on jazz.net
  - <https://jazz.net/projects/rational-requirements-composer/>
- Requirements Composer Release Plan
  - <http://jazz.net/projects/rational-requirements-composer/release-plan/>
- Rational Requirements Composer Beta Download
  - <https://jazz.net/downloads/rational-requirements-composer/>
- Next Generation of Requirements Definition and Management
  - <https://jazz.net/blog/index.php/2011/06/05/countdown-to-clm-2q11-part-4-next-generation-of-requirements-definition-and-management/>

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