IBM Software

Innovate2012

The Premier Event for Software and System Innovation





IBM Rational Requirements Composer

Improve project outcomes through better requirements definition and management



Agenda

- Overview of Requirements Definition & Management Portfolio
- Rational Requirements Composer Overview
- Product Demo





Requirements matter...

More agility

Better project governance

Cope with complexity

Project efficiency

Control project scope

More stakeholder engagement Get to market

faster

Deliver what the customer needs

Validate

requirements

Manage change

Prove contractual

completeness

Manage subcontractor value chain

Lower risk of project failure

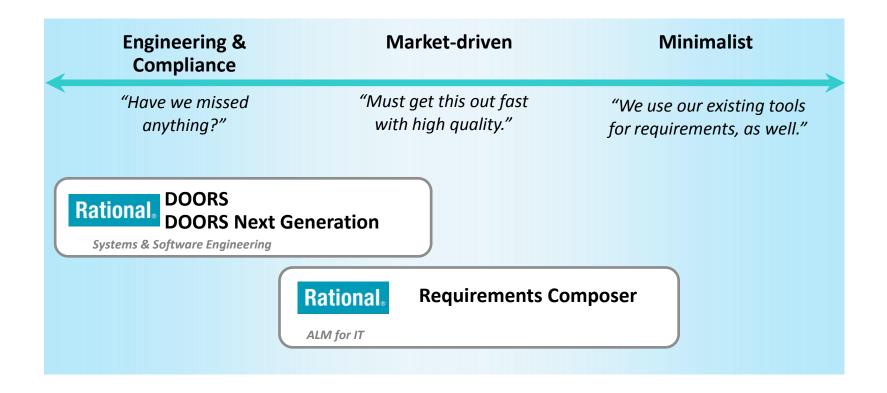
Meet compliance mandates







Addressing various RM needs









Jazz is IBM's initiative for improving collaboration across the systems and software lifecycle

COMMUNITY

Transparent collaboration and exchange of ideas



Learn more at: https://jazz.net/about/







Agenda

- Overview of Requirements Definition & Management Portfolio
- Rational Requirements Composer Overview
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IBM Rational Requirements Composer

Requirements Management for the Development 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
- Milestone tracking & status

Collaboration

- Review & Approval
- Discussions
- Email Notification



Supports RequisitePro Data Migration

Management

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



Lifecycle

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



- Integrated planning
- Effort estimation
- Task management

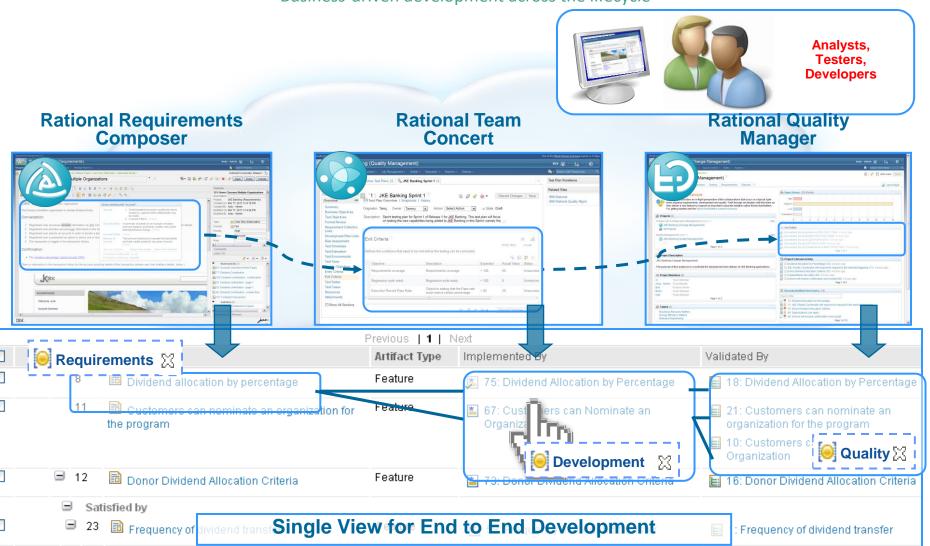






Working in a Development Lifecycle (ALM)

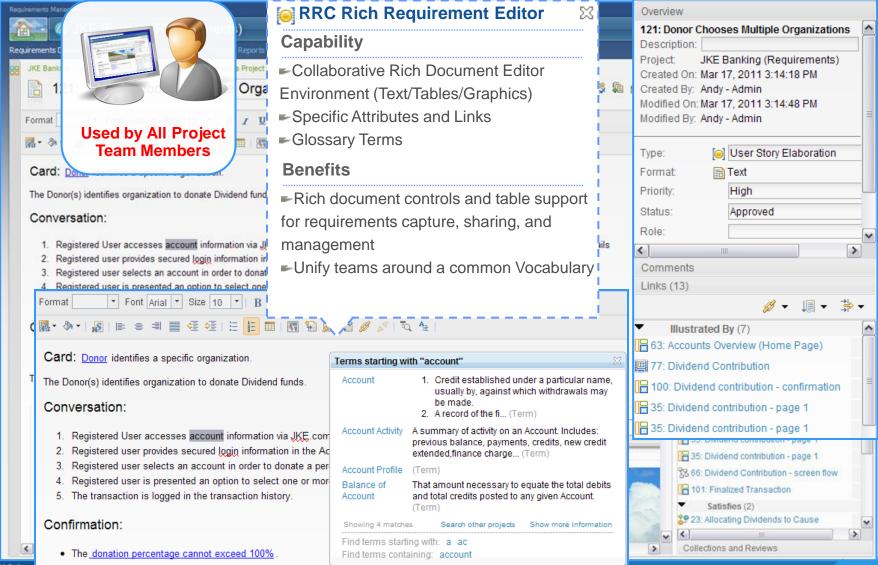
Business-driven development across the lifecycle







Rich Requirement Editor (Documents)

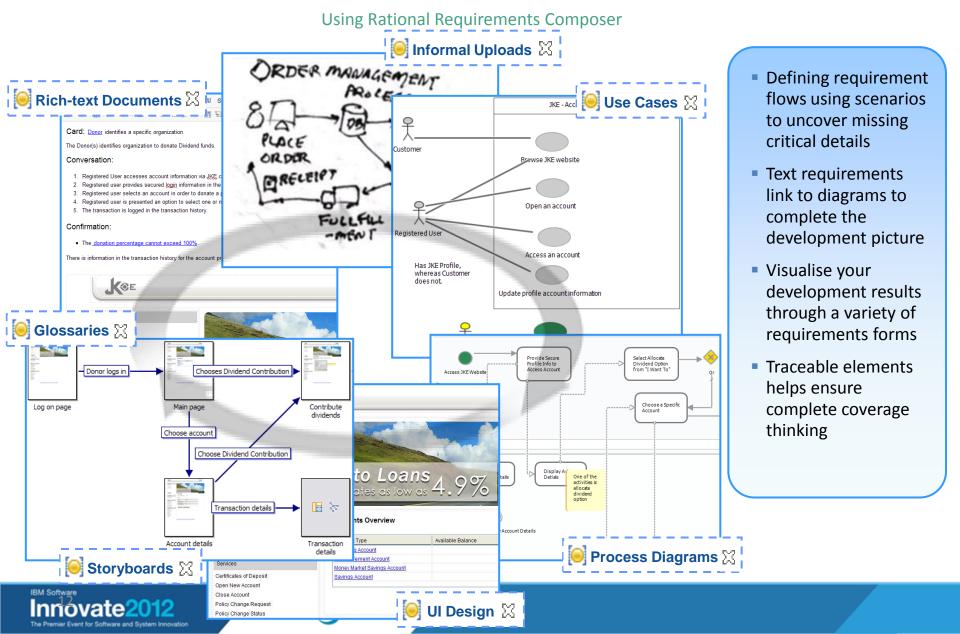






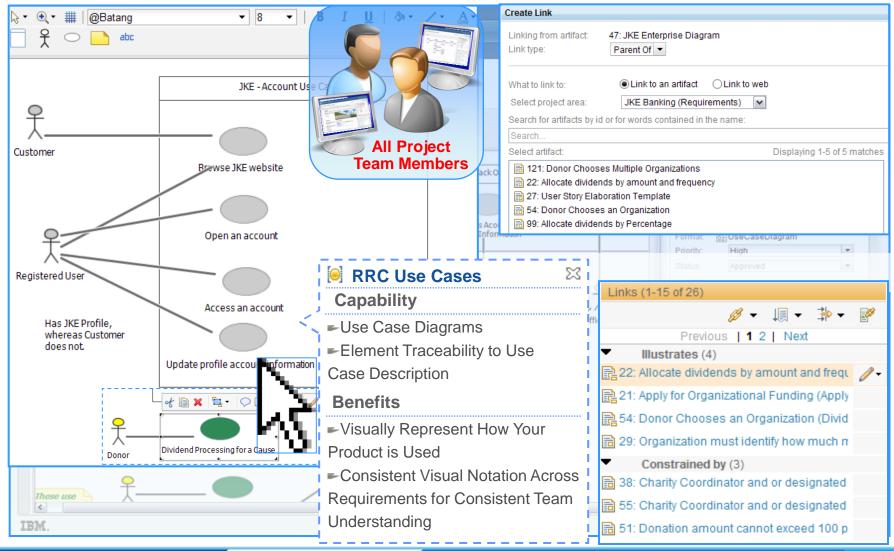


Use Visual Scenarios to Uncover Customer Needs





Use Case Diagrams

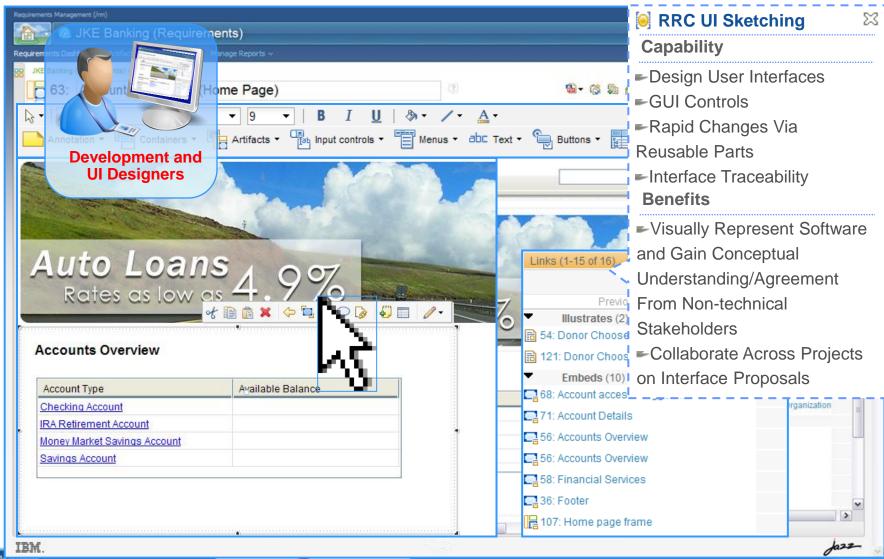








User Interface Sketching

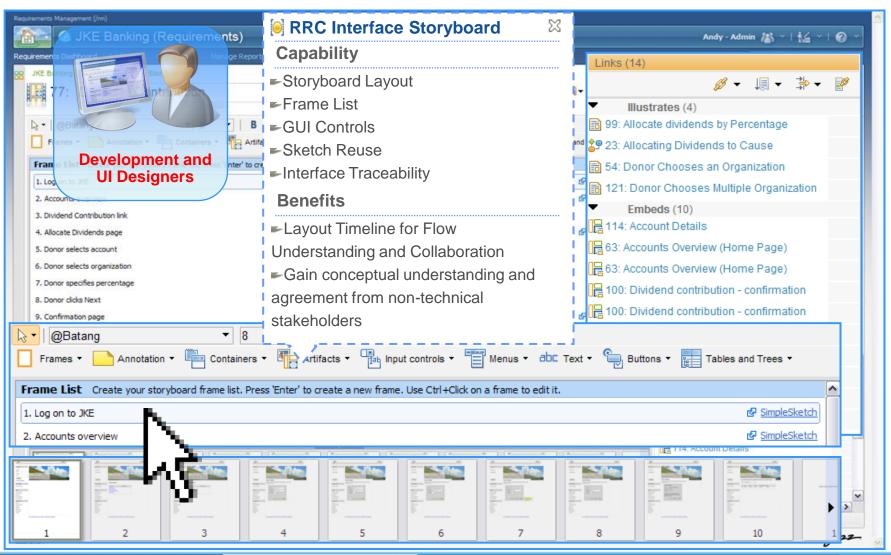








User Interface Storyboard

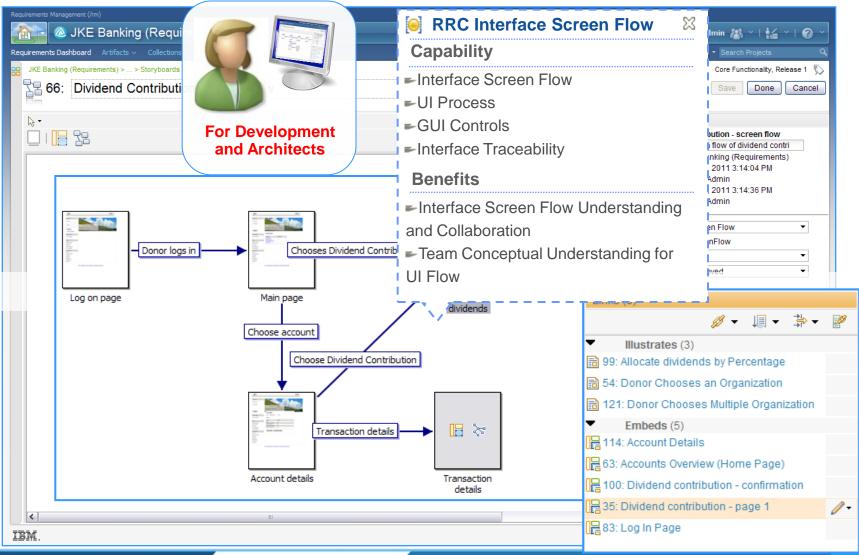








User Interface Screen Flow

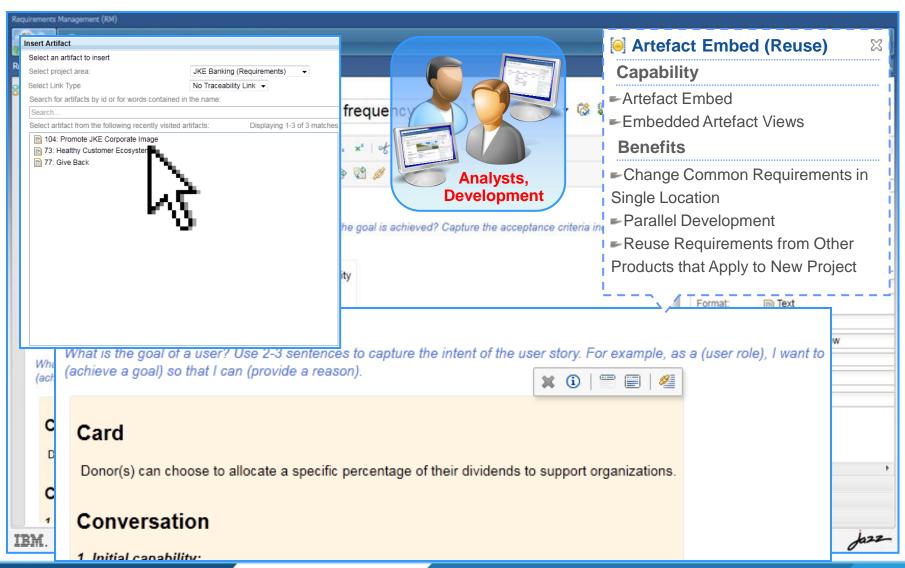








Embedded Artifacts (Requirements Reuse)

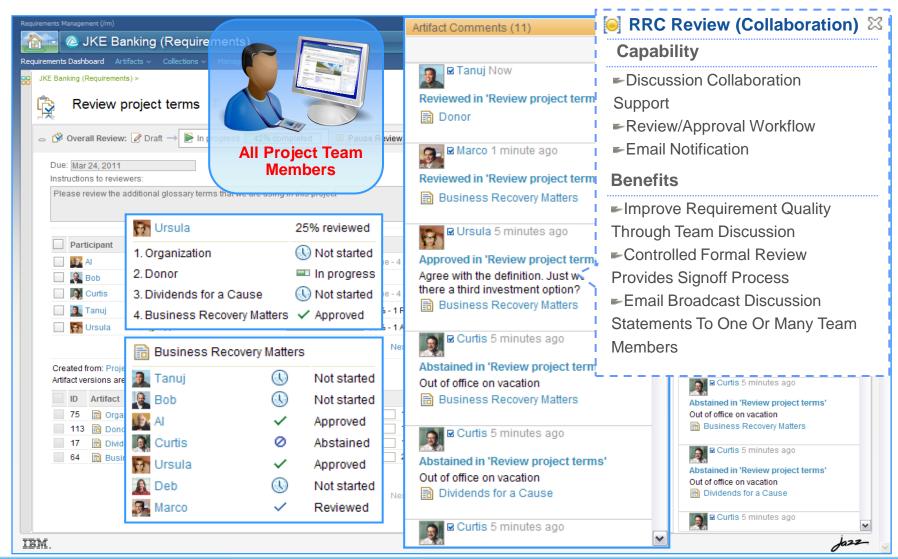








Review (Collaboration)

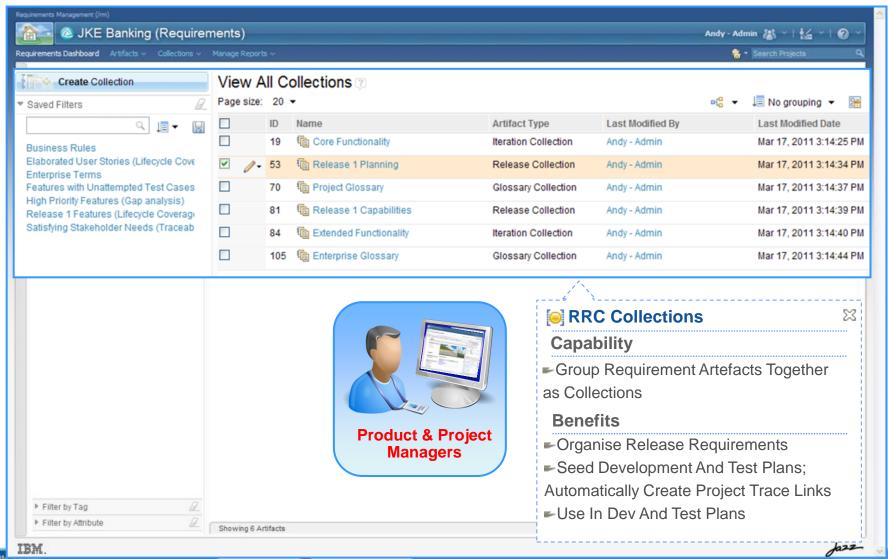








Collections

















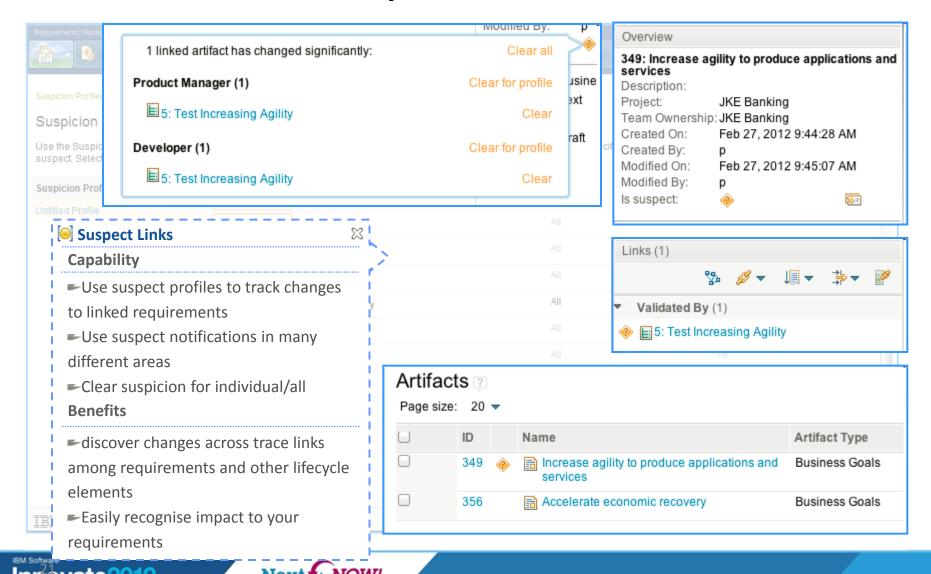
Rational Requirements Composer v4.0







Suspect Links





Advantages over RequisitePro

- More flexibility in creating, analyzing and manipulating requirements
- New and improved reporting, planning, and task management
- Visual notations for expressing requirements information
- Richer textual requirements, including rich text, tables and embedded images
- Custom link types for expressing multiple kinds of relationships
- More ways of grouping requirements: tags, folders, artifact types & collections
- More seamless information flow among requirements, development, change management and quality management
- Completely web-based product and sharing a server and user domain with Rational Team Concert software and Rational Quality Manager
- Wider server and client platform support







Publish/Reporting



Capability

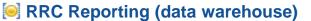
- ►PDF or Microsoft Word Output
- Use OOTB Templates
- Take Data Offline

Benefits

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



Members



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

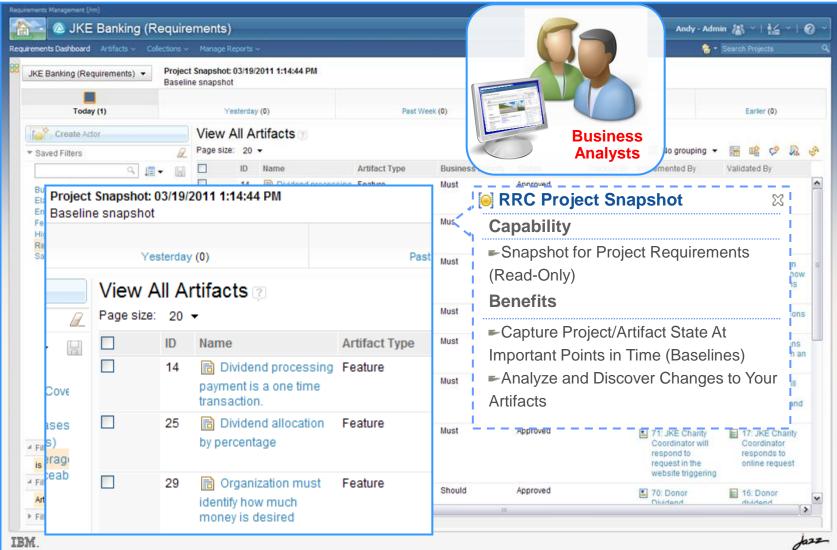








Project Snapshot

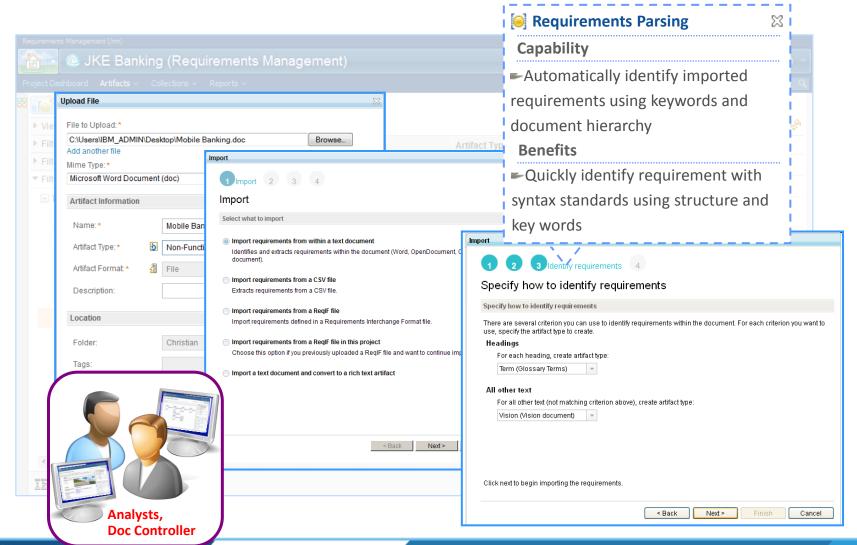








Requirements Parsing (from Word Documents)

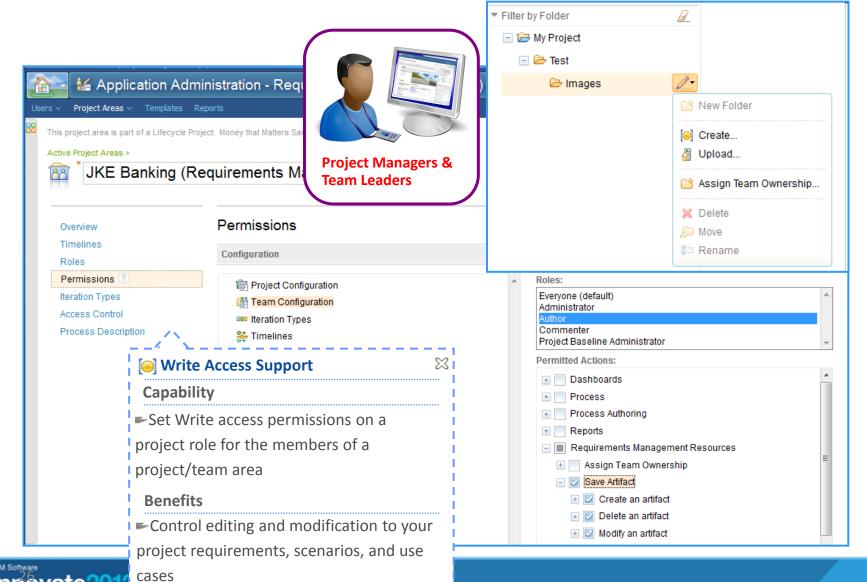






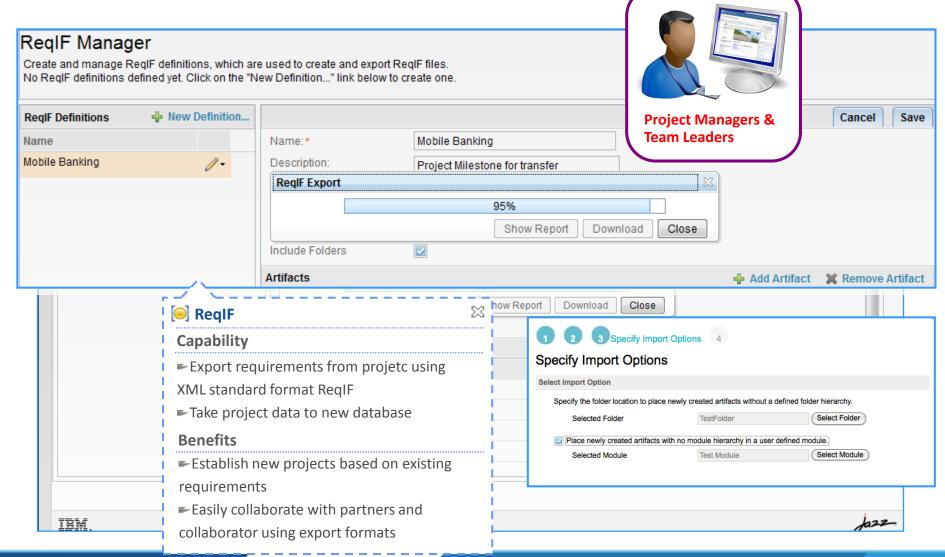


Write Access Support Permissions





Requirements Interchange Format (ReqIF)









Next Steps

Where to go now...

The following links will lead you to your next step...
...look for more product information and tool demonstrations

- ■Requirements Composer on jazz.net
 - https://jazz.net/projects/rational-requirements-composer/
- ■Requirements Composer Forum
 - https://jazz.net/forums/viewforum.php?f=8
- Rational Requirements Composer Download
 - https://jazz.net/downloads/rational-requirements-composer/



IBM Rational provides an integrated software platform dedicated to helping companies develop and deliver smarter products







Summary

How RRC helps you improve your requirements process?

- Authoring: Many ways to author the requirements
- Analyze/Manage Change: Empowering an Analyst to use project links to increase release quality.
- Process Control: Take control of your requirements information during your process and maintain configuration over team environments
- Data Sharing: Remove communication barriers from project experts working with documents or working in separate











www.ibm.com/software/rational

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