Rhapsody Design Manager (RDM)

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The Challenge:

- Perform more effective collaborative reviews in a Model Based development process
- Typical Approaches today:
 - Document/paper centric
 - Model Centric





Document / Paper Centric

- Produce document output
- Hold review meetings, document/minute, apply changes
- Pros:
 - Doesn't require stakeholders to have Rhapsody tool or be Rhapsody familiar
- Cons:
 - Clunky
 - Paper based audit trail
 - Challenging with distributed teams



There's a great power in words, if you don't hitch too many of them together.

- Josh Billings









Model Centric

- Review physical models not document output
- Document/minute review comments, apply changes



- Less clunky
- More flexible on the fly dive into model IP (not constrained by physical output)
- Fits with philosophy of 'the model is the single source of truth'

Cons:

- Tendency to lock out non Rhapsody literate stakeholders
- Half way house between model based and document based
- Challenging with distributed teams

A child of five would understand this. Send someone to fetch a child of five.

- Groucho Marx









Rhapsody Design Manager

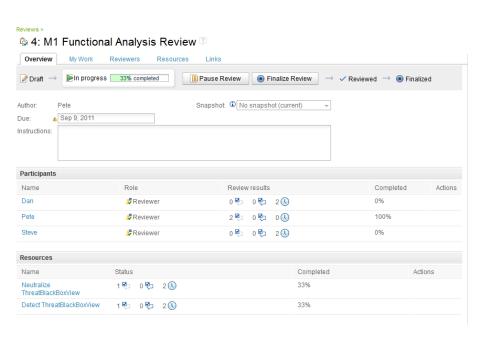
- Enable 'at your desktop' collaborative model based design review
- Open up to non-Rhapsody user stakeholders: reviews through web browser
- Submit and respond to comments/mark up model
- Capture multiple stakeholders input in context of model
 - Data provides comment audit trail against model
 - Store review data separately from the core model but overlaid onto it
- Facilitate removing physical geographic barriers to effective reviews
- Outcomes:
 - Reduce review cycle times
 - Make accessible to more stakeholders
 - Promote model based development

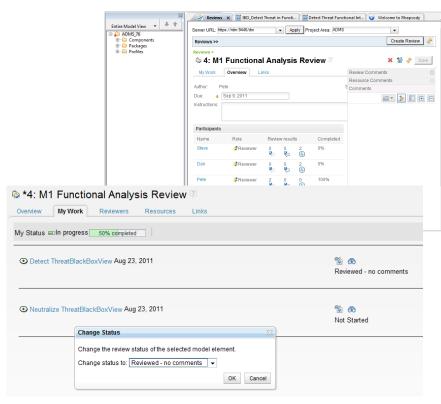




Perform Formal Reviews

- Select model elements to include in review
 - Select reviewers
 - Link reviews back to RTC work items
 - Reviews may be performed through the web or thick client





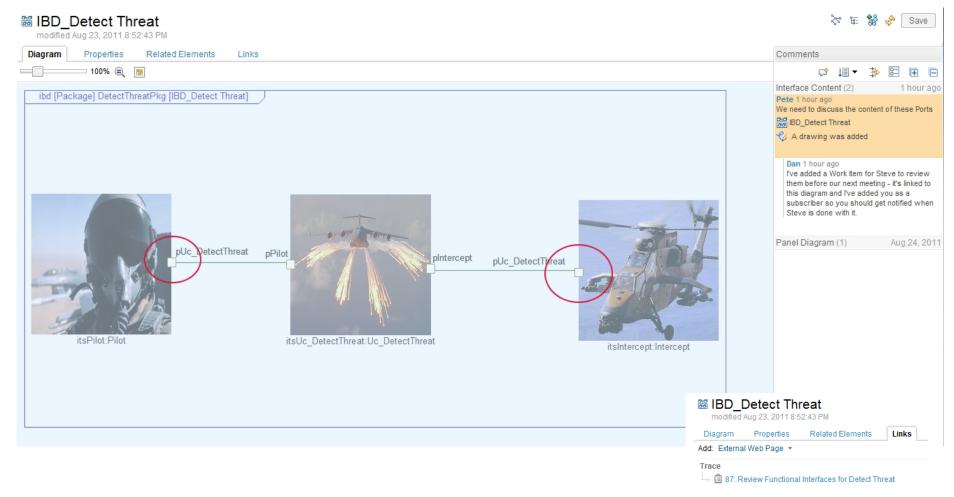






Comments and Markup

Add comments and markup diagrams on the fly



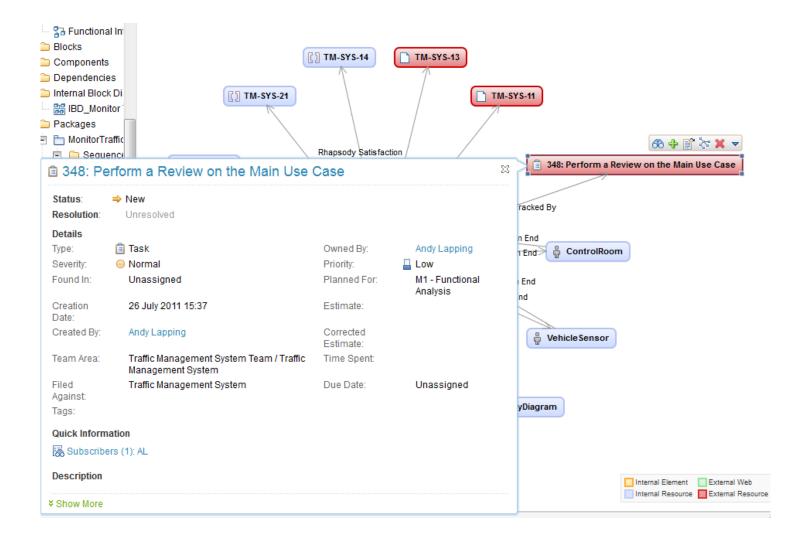








Access linked data without changing views









IBM Software Group

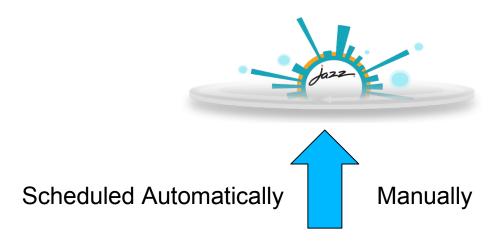
How it Works

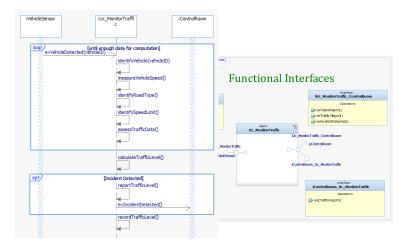
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Publish Models to JAZZ





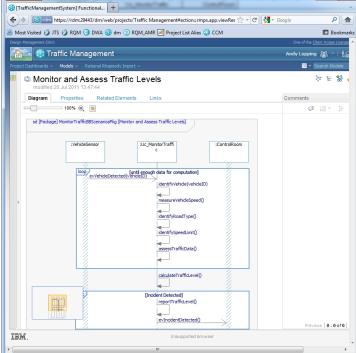






View them using standard web browsers





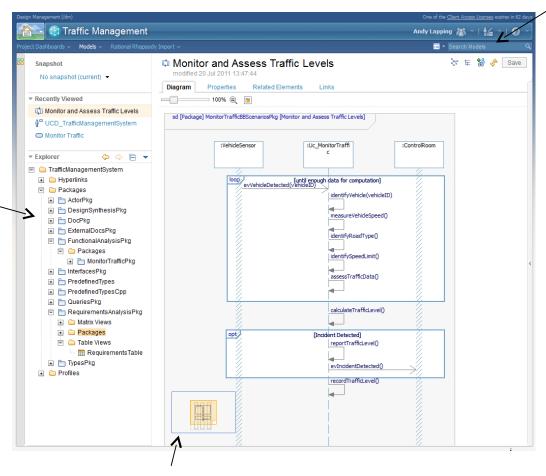






Browse and search models

Search Model Content





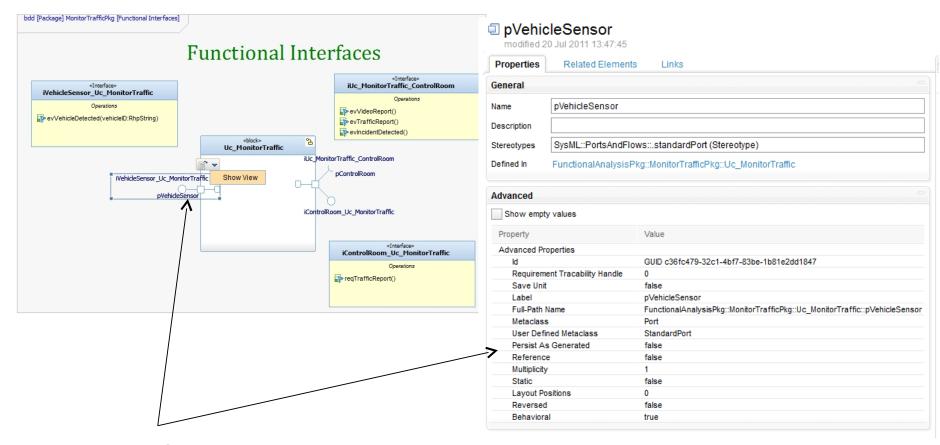


Model Browser





Diagrams are 'live'



Navigate from an element on a diagram

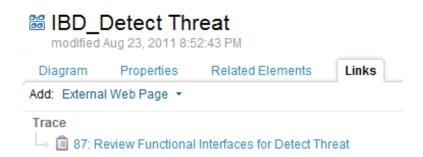


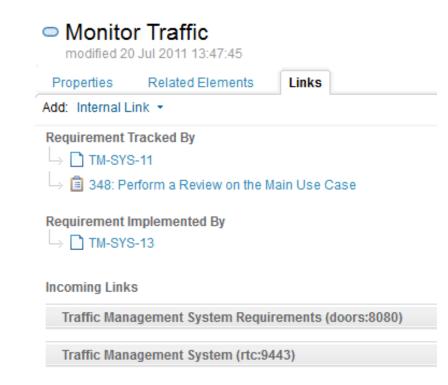




Link Model Elements

- Make links from model elements to:
 - Doors Requirements
 - RTC Work Items
 - External web pages
- Use customizable link types





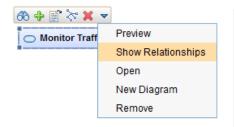


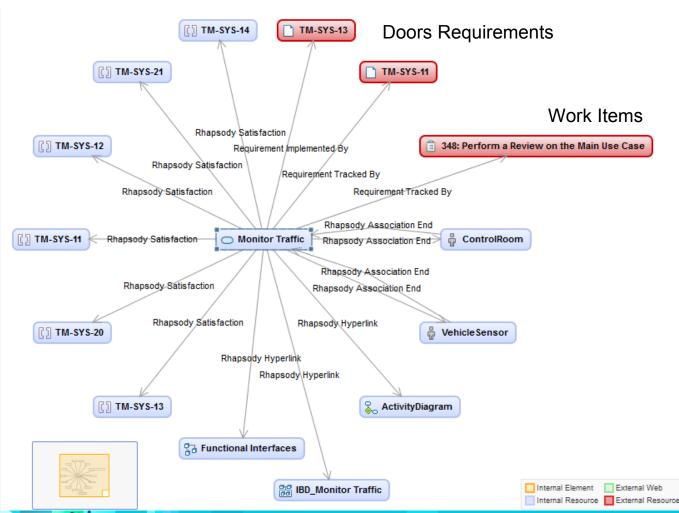




Explore connections on the fly

Create dynamic views of relationships between model elements

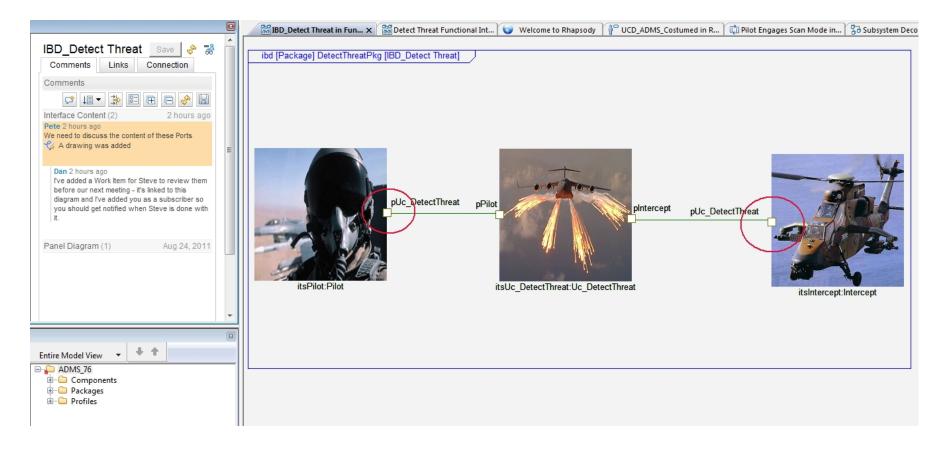






Same tools in rich client

- View and respond to comments
- View diagram markup







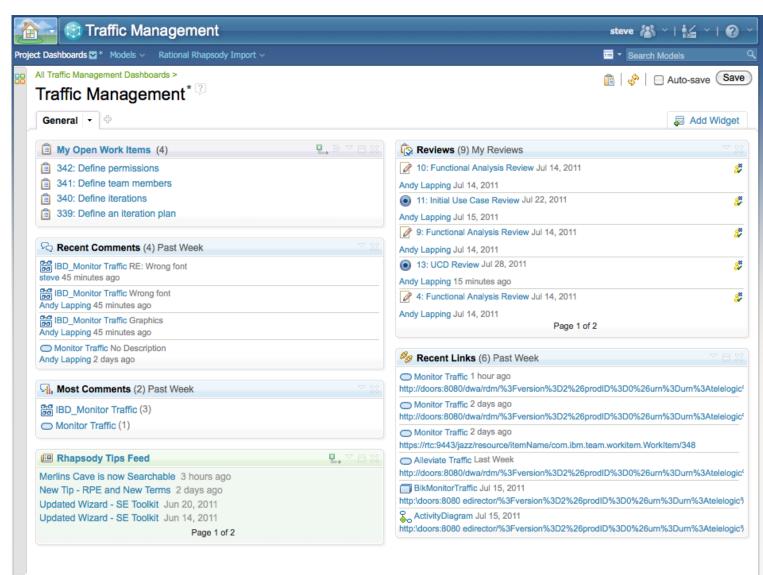


Build custom cross-server dashboards

RTC Work Items

RDM Data

External Feeds





Produce cross-server reports using RPE

Use Case Report on Design Manager Project: TrafficManagementSystem

Use Case: Monitor Traffic

Comments

Title: No Description Created By: andyl

This Use Case could use a Description

DOORS Links

Link Type	Target Object	Object Text
Requirement Tracked By	TM-SYS-11	The system shall monitor traffic levels using video surveillance cameras.
Requirement Implemented By	TM-SYS-13	The system shall monitor traffic levels using loop sensors embedded in the roadway.

Linked Work Items

Link Type	URL
Traced to Work Item	link

'Live' Hyperlinks to DOORS/RTC

Use Case: Alleviate Traffic

Comments

No Comments Found

DOORS Links

	Target Object	Object Text
Requirement Tracked By	TM-SYS-11	The system shall monitor traffic levels using video surveillance cameras.

Linked Work Items

No Work Items Found









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