



IBM Software Group

# Integrating Microsoft SharePoint or Lotus Quickr with Rational Team Concert

*Using Mainsoft Document Collaboration for Rational Jazz*



# Introduction - Mainsoft



- Relationship with IBM
  - ▶ **Global Licensing and Reseller Agreement with IBM Rational.**
  - ▶ **Global Licensing Agreement with IBM Lotus.**
  - ▶ Advanced level **Business Partner.**
- Over a decade of experience **designing and developing** software that integrates Microsoft SharePoint with IBM platforms
  - ✓ SharePoint Integrator for Lotus Notes
  - ✓ SharePoint Integrator for WebSphere Portal
- Document Collaboration for Rational Jazz **included in the Passport Advantage.**

- Awards:



Recommended option for  
.NET-Java Interoperability

# SharePoint Integration Products



## SharePoint Integrator for Lotus Notes

- Software coexistence: [SharePoint integration](#) with Lotus Notes and Lotus Sametime.



## SharePoint Integrator for WebSphere Portal

- [Secure, role-based access](#) to all SharePoint lists from WebSphere Portal.
- [Composite applications](#) that integrate SharePoint content with LOB applications – both .NET and Java.



## Document Collaboration for Rational Jazz

- Integrates [SharePoint-based document collaboration](#) into the software delivery process.
- [Automates and enforces project governance](#).
- Improves the [transparency of software deliveries](#).

# Why Integrate SharePoint or Quickr with Team Concert?

- ✓ Software delivery teams need document collaboration:
  - Bring new developers up-to-speed quickly.
  - Share best practices, development policies.
  - Communicate requirements and stay apprised of changes.
- ✓ And, they need to work closely with business stakeholders:
  - Ensure software meets dynamic business requirements.
  - Quickly gain security and legal approvals.
  - Keep sales and marketing teams in the loop.
- ✗ However, software deliveries and document collaboration are disconnected
  - ✗ Developers lose time searching for documents related to work items.
  - ✗ Documents are prone to versioning problems.
  - ✗ Governance is spotty or inconsistent. Business stakeholders are often excluded from the software delivery process because they don't use Rational Jazz. *Their collaboration tools include Microsoft Office and SharePoint or Lotus Quickr team sites.*

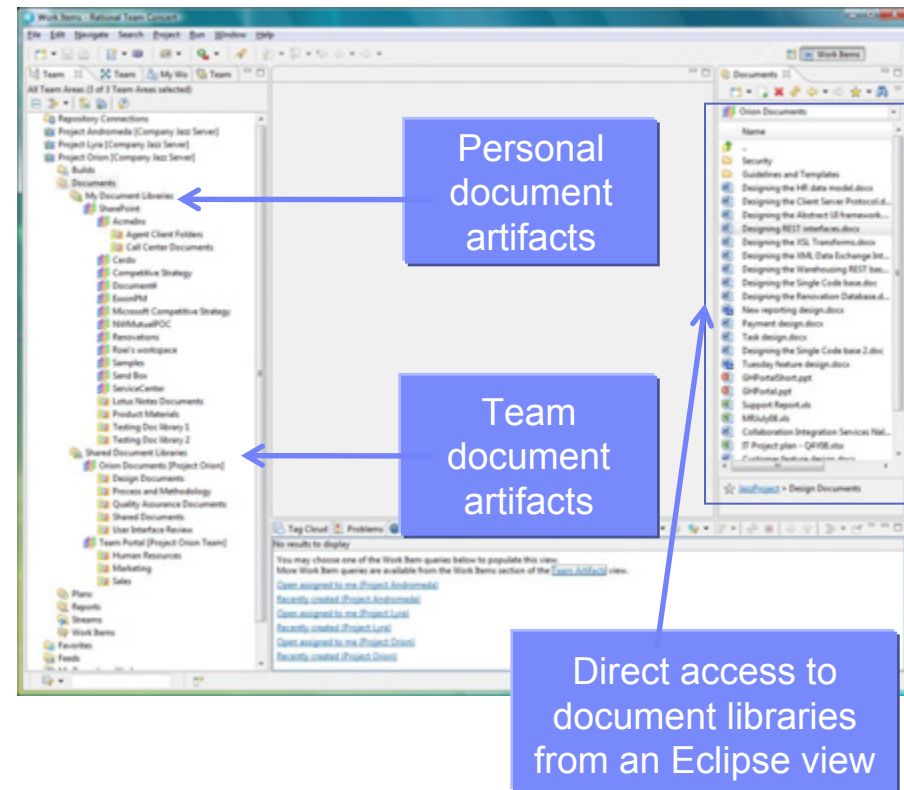


*Integrate your existing collaboration infrastructure with Rational Jazz.*



# Mainsoft Document Collaboration for Rational Jazz Microsoft SharePoint, Lotus Quickr Integrations

- Collaboration in context: Extend development teams' collaboration toolkit with direct, per-project document linkages.
- End-to-end governance: Improve the transparency of software deliveries, and automate and enforce project governance.
- Business stakeholders can participate in software deliveries using their preferred collaboration tools – either Microsoft or Lotus.



# Live Demo



## Use Case: Automate and Enforce Document Reviews

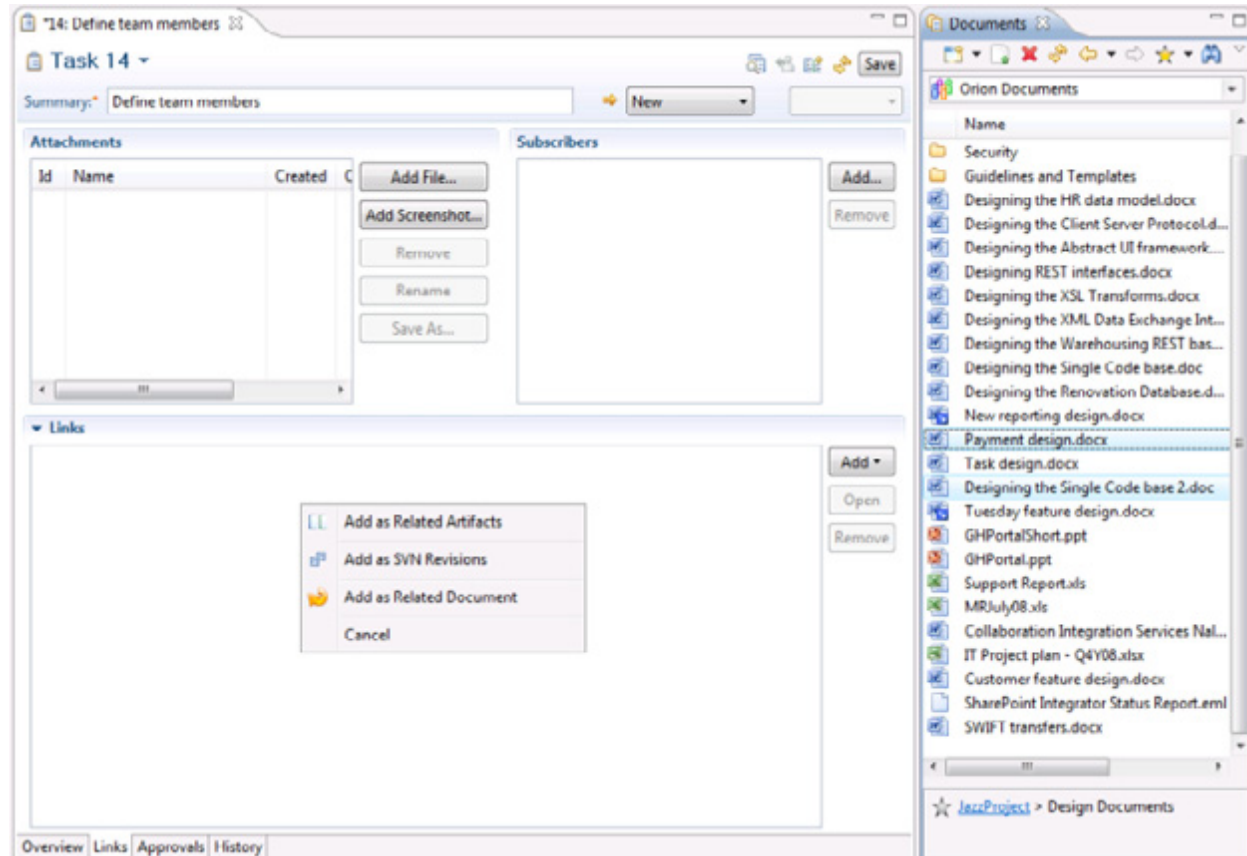
Integrate SharePoint document workflows in the Team Concert process enactment to ensure an enterprise stakeholder reviews & approves a UI design prior to its implementation.

- **Clara**: eCommerce Offering Manager for ZetaBank tasked with redesigning eCommerce site to support additional online banking features & a user-friendly interface. Uses MS Word and SharePoint.
- **Kai**: eCommerce Site Manager. Uses Rational tools, including Team Concert, to deliver software.
- **Richard**: Web architect responsible for making changes to the Web site.



## Use Case (cont.)

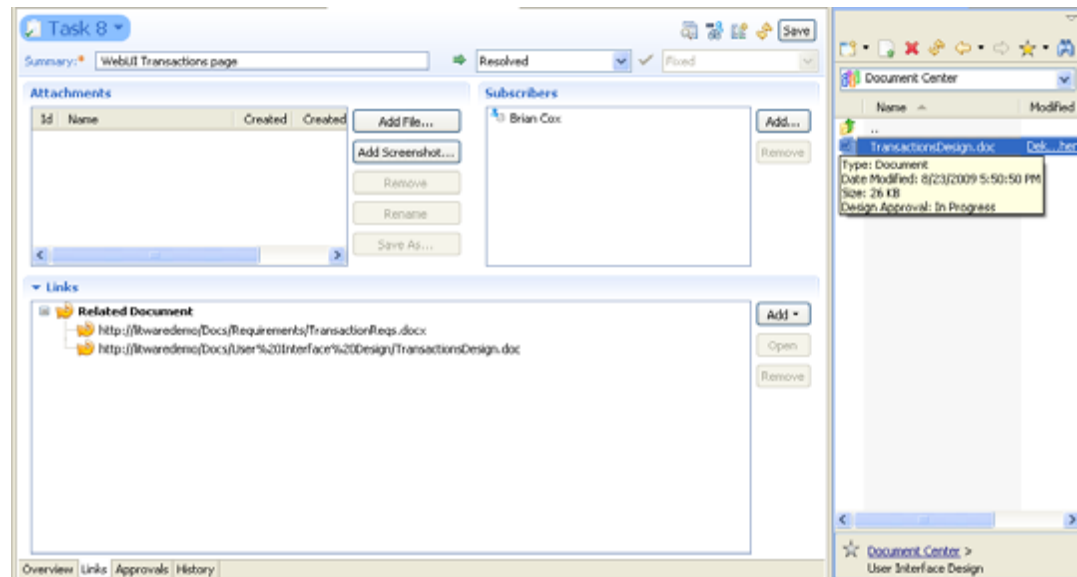
- **Step 1:** Clara defines business requirements for the new UI using MS Word, saves it to SharePoint, and sends an email with the document link to Kai.
- **Step 2:** Kai creates a Task work item in Team Concert and adds a link to the requirements document.  
He assigns the task to Richard.





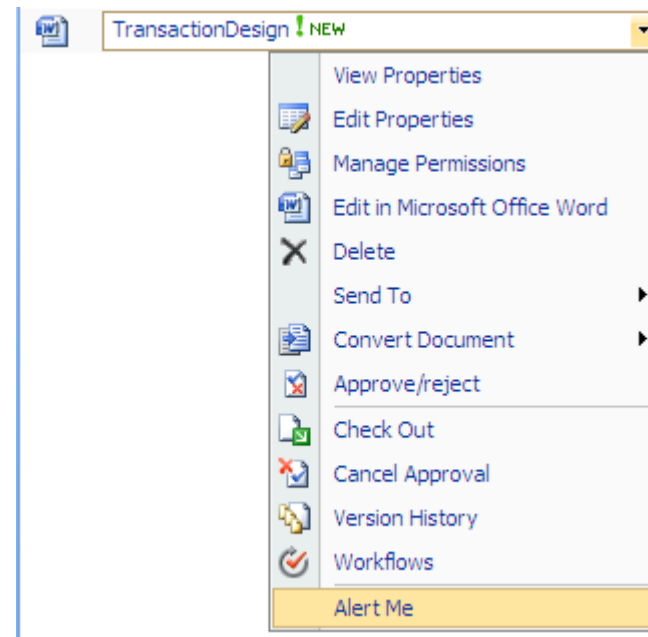
## Use Case (cont.)

- **Step 3:** Richard sees the work item assigned to him and creates a design document.
- He uploads it to the *User Interface Design* document library and creates a link from the work item to the new design document.



## Use Case (cont.)

- **Step 4:** Richard creates an “Alert Me” in SharePoint, to be notified when Clara approves the document.



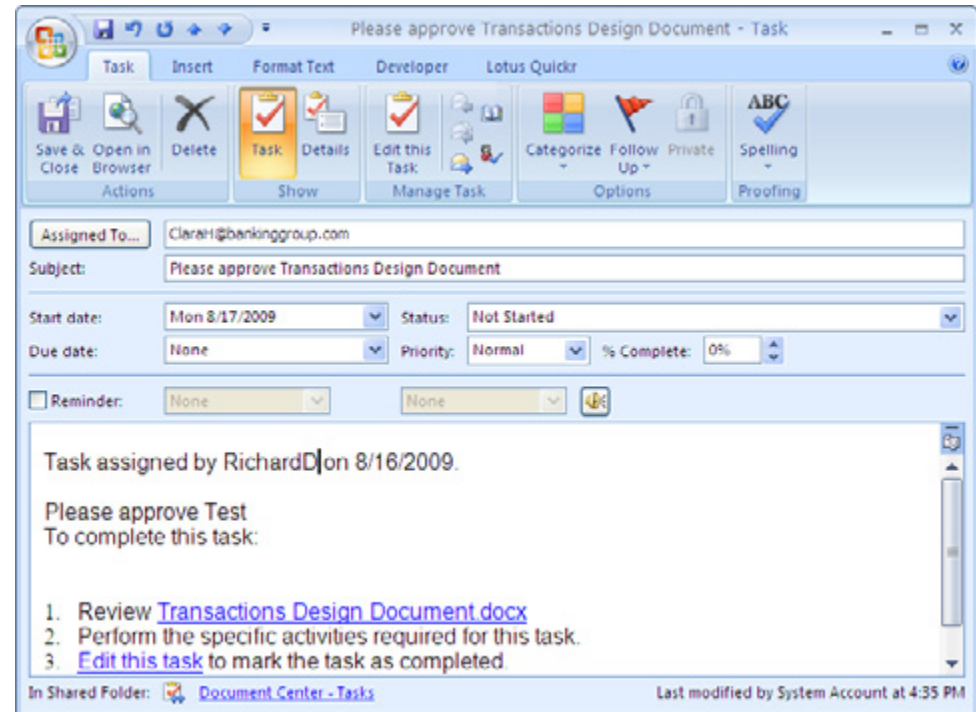
## Use Case (cont.)

- **Step 5:** If Richard were to try and resolve the work item at this stage, it would fail.
- This is because the document workflow contains a precondition for Clara to approve the document, which she has not done yet.

The screenshot shows a software interface with a top navigation bar containing 'Work Items', 'Tag Cloud', 'Problems', and 'Team Advisor'. The main content area is split into two panes. The left pane, titled 'Save Work Item (failed)', displays a red error message: 'The Related Document was not approved.' A blue arrow points from a blue box below containing the text 'Document was not approved' to this message. The right pane, titled 'Problem', contains the following text: 'Problem: The workflow 'Approval' for the related document [Main Menu.docx](#) is not completed in the document library. Reason: The Related Document Workflow precondition requires that documents related to the work item will be approved or have their workflow completed, in order to resolve the work item. Solutions: [Ensure workflow completion on the related document](#). [Why did this happen?](#)' A blue arrow points from a blue box below containing the text 'Problem, reason & solutions' to this pane.

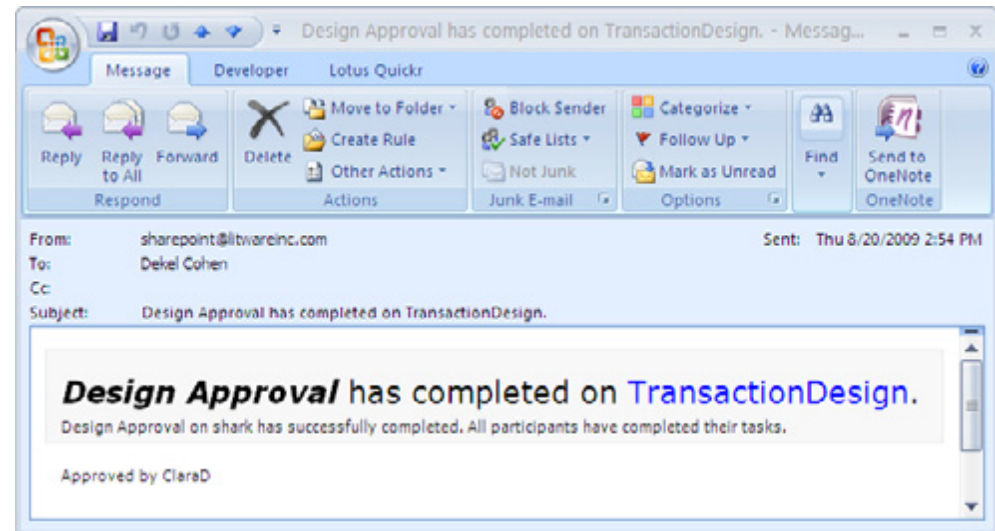
## Advanced Use Case (cont.)

- **Step 6:** Clara receives a new task in Outlook to review the UI Design Document.
- She clicks on the document link, enters her SharePoint credentials to open the document, reviews the document, and approves it.



## Advanced Use Case (cont.)

- **Step 7:** Richard receives an e-mail Alert that the document was approved.
- He proceeds to resolve the work item, without getting an error.



# Product Features & Benefits

## Pain Points

## Document Collaboration Features

## Benefits

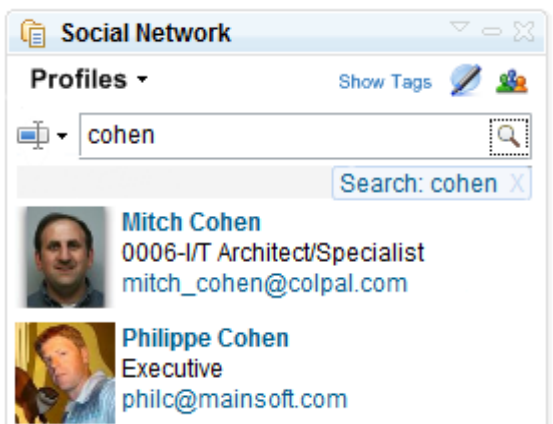
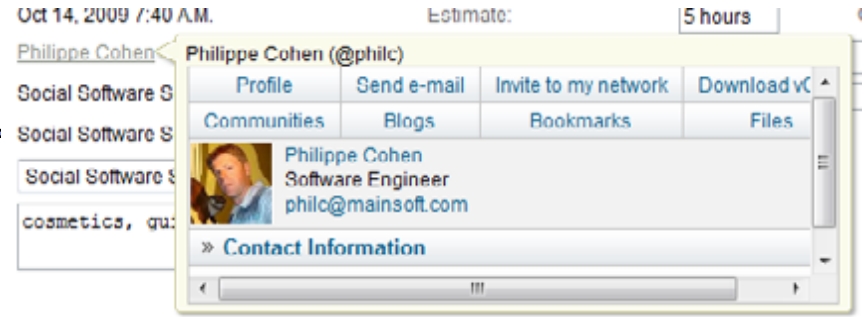
<p><i>“Developers lose time locating and managing project documents.”</i></p>	<ul style="list-style-type: none"> <li>- Document Artifacts</li> <li>- Direct, per-project and per-project document linkages from a new Eclipse View</li> </ul>	<p>Boost collaboration and developer productivity</p>
<p><i>“Developers become overwhelmed with so many documents for multiple projects.”</i></p>	<ul style="list-style-type: none"> <li>- Document Filters</li> <li>- RSS Document Feeds</li> </ul>	<p>Collaboration-in-context includes documents. Developers can filter documents and subscribe to RSS document feeds related to a specific project</p>
<p><i>“It’s difficult to enforce project governance.”</i></p>	<ul style="list-style-type: none"> <li>- Attach documents to Work Items</li> <li>- Integrate document workflows into Team Concert workflows</li> </ul>	<p>Requires document approvals defined in a document workflow to be completed in order to resolve a work item</p>
<p><i>“Working with business stakeholders is time consuming.”</i></p>	<ul style="list-style-type: none"> <li>- Integrate alerts with Outlook tasks, or the Lotus Notes feed aggregator</li> </ul>	<p>Business stakeholders can participate in software deliveries using their existing collaboration tools</p>



# Preview v 2.0: Making Jazz Social

Integration with SharePoint Social Software, Lotus Connections

Social network profiles: contact details, photo, time zone where he works, expertise, interests, what he's working on, etc.



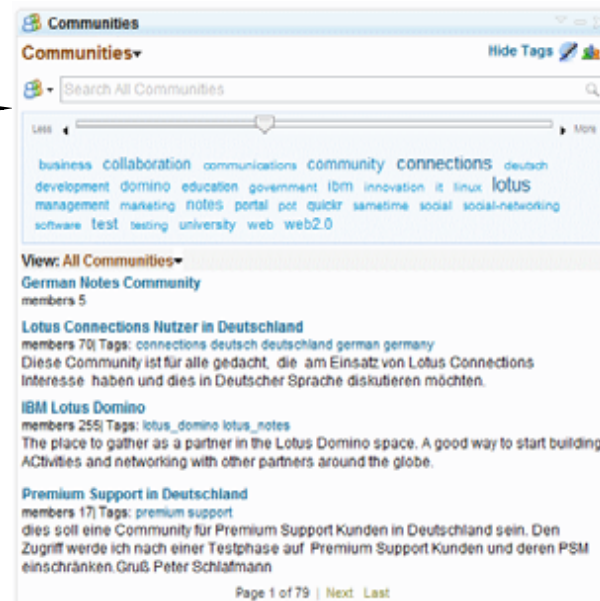
Find enterprise contacts on their experience, skills, or key relationships.



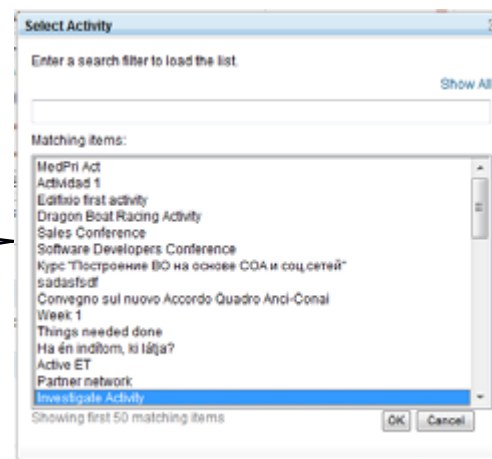
# Preview v 2.0: Making Jazz Social

## Integration with SharePoint Social Software, Lotus Connections

Social viewlet on the Jazz dashboard:  
Wikis, Blogs, Communities, Activities,  
Bookmarks, Files, and Profiles



Create new activity entries, directly  
from the Team Concert Work Item  
view; microblog status updates.





# Contacts and Resources

<http://www-01.ibm.com/software/awdtools/document/>

## Contacts

- Yaacov Cohen, Mainsoft  
[yaacovc@mainsoft.com](mailto:yaacovc@mainsoft.com)
- Dekel Cohen, Mainsoft  
[dekelc@mainsoft.com](mailto:dekelc@mainsoft.com)

## Resources

- Learn more: <http://www-01.ibm.com/software/awdtools/document/>
- Download a free trial of Mainsoft Document Collaboration for Rational Jazz:

<http://www.mainsoft.com/downloads/register-download-jazz>



- Preview Social Networking features  
<http://sharepointlotus.net/content/making-jazz-social>





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