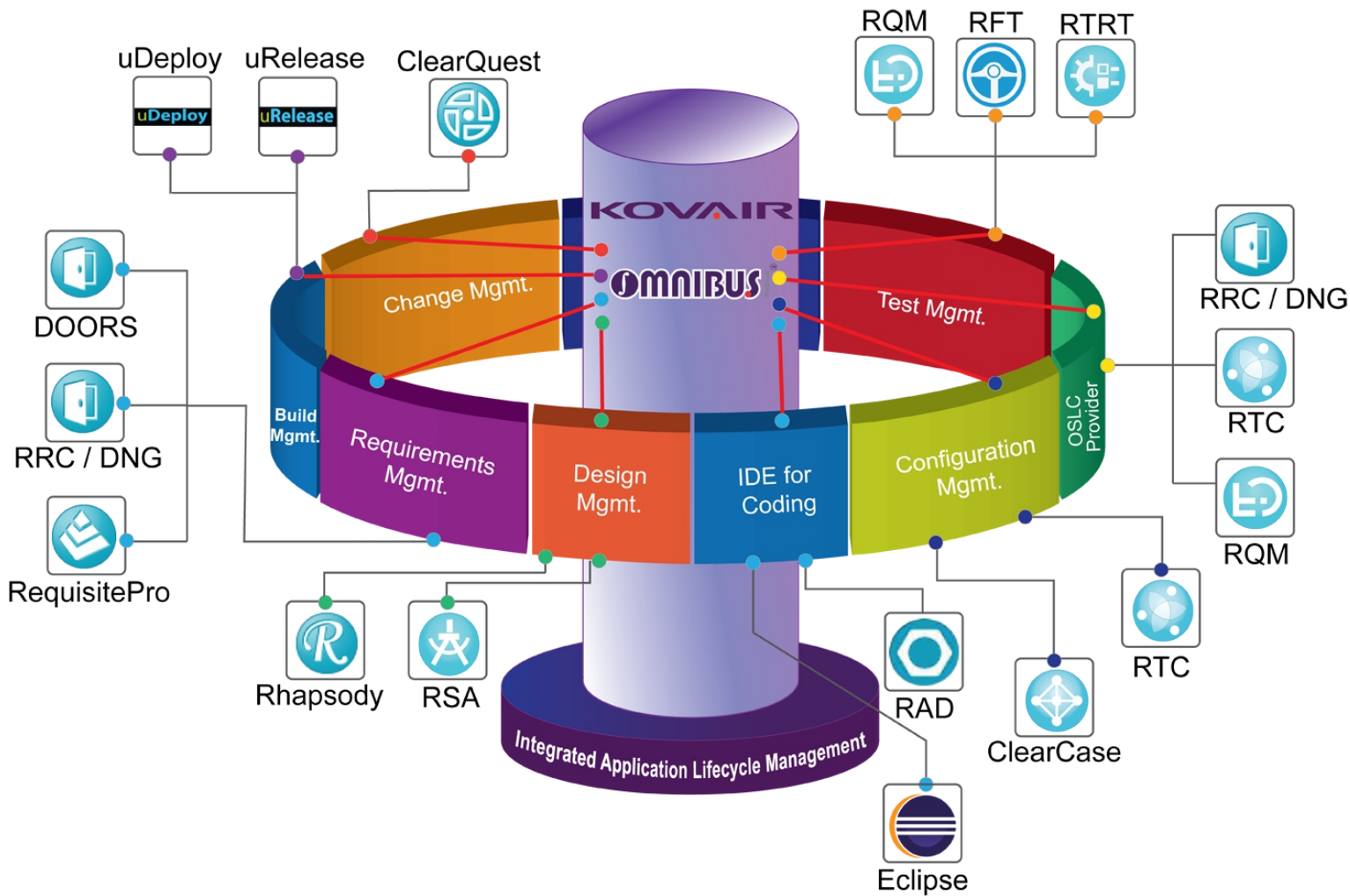


### Integrated ALM with Kovair and IBM Rational



### Business Values from Kovair Integration with IBM Rational CLM Suite

- Avail bi-directional integration support for IBM legacy tools and the Next Gen CLM tools.
- Gain ALM tools interoperability, cross-repository syncing, traceability and transparency across development functions.
- Improve team collaboration by connecting IBM Rational Tools with other non-IBM tools.
- Avail OSLC Linking support for integrating OSLC Consumer tools like RRC / DOORS Next Generation, RQM, RTC with non-OSLC tools like HP QC, TFS, JIRA, SharePoint and IBM Rational tools.

# Kovair Integration Support for IBM Rational Tools

## A. Requirements Management



### 1. DOORS:

Kovair DOORS Integration Adapter provides a seamless connection between DOORS deployment and best-of-breed tools from other vendors like Jama, HP QC, and TFS. This integration ensures that all the artifacts across the development chain are tightly integrated and changes in Requirements in DOORS can be traced to other linked artifacts like test cases and issues regardless of the tools involved in between.



### 2. RRC/DOORS Next Gen:

Kovair DOORS Next Gen Adapter integrates IBM Rational DOORS Next Generation with rest of the software delivery tools in an organization. With this integration, Requirements, Test Plan Collection, Storyboard, Modules, Collections and their traceability relationships in DOORS Next Gen are exposed to the other ALM tools connected through Omnibus. This enhances collaboration and productivity among stakeholders and enable them actively participate in requirements management process.



### 3. RequisitePro:

Kovair RequisitePro Integration Adapter connects Business Analysts, Project Managers, Developers, and Testers in context of project requirements by integrating RequisitePro with other ALM tools from multiple areas and multiple vendors, such as HP QC, Git, Hudson, TFS, and JIRA. It enables requirements to flow bi-directionally between RequisitePro and other tools in the ALM chain and thus allows users to work on requirements from within their preferred tools.

## B. Design Management



### 1. Rational Software Architect:

Kovair Omnibus Plug-in and Adapter for Rational Software Architect allow users to view artifacts from any of the other connected tools in the ecosystem. The users can also use the plug-in to add Design Models and Design Elements as traceable items to the Kovair Omnibus RSA Adapter. This would enable other users to link with these items using Omnibus plug-ins.

## C. IDE for Coding



### 1. Rational Application Developer:

Kovair Omnibus Plug-in and Adapter for Rational Application Developer allow users to add Files Classes and Methods as traceable items to the Kovair Omnibus. This enables other users to link with this item using Kovair Omnibus plug-ins. The artifacts then become traceable entities in the ALM ecosystem which provides end-to-end traceability up to the code method level.



### 2. Eclipse:

Kovair plug-in for Eclipse enables collaboration among the stakeholders throughout the development lifecycle and ensures synchronization among disparate ALM tools. Using this plug-in, Eclipse users can have extended access to artifacts, such requirements, designs, test cases, tasks, and defects originating from diverse ALM tools without leaving their preferred IDE. This allows users of ALM tools, such as VSTS Developer, VSTS Architect, RAD, RSA to view/modify the exposed Eclipse entities from within their preferred environment.

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# Kovair Integration Support for IBM Rational Tools

## D. Configuration Management



### 1. ClearCase:

Kovair ClearCase Integration Adapter integrates ClearCase – a SCM system with a wide array of ALM tools, such as Bugzilla, HP QC, and SharePoint. This helps software development teams in software asset management, streamlined development, version control, enhanced collaboration and gains end-to-end traceability between all project artifacts in relation.



### 2. Rational Team Concert:

Kovair Rational Team Concert Integration Adapter allows Rational Team Concert to synchronize its work items with different Change Management systems or Software Lifecycle tools, such as Rally, JIRA, TestLink, Clarity, MS SharePoint and MS Team Foundation Server. It streamlines development processes with integrated Change Management and Configuration Management capabilities, improves work quality and enhances team productivity through workspace management & parallel development support.

## E. Change Management



### 1. ClearQuest:

Kovair CQ Integration Adapter integrates ClearQuest with other tools such as HP QC, Bugzilla, TFS in the integrated ALM eco-system so that ClearQuest's change management and defect tracking capabilities are available to all the tools without having to log into the ClearQuest. This helps in better project control and improves software quality.

## F. Deploy Management

### *uDeploy & uRelease:*

Kovair's integration with uDeploy and uRelease enables Software Release managers to view various application deployments, their status, related artifacts as well as track the whole release process.

## G. Test Management



### 1. Rational Quality Manager:

Kovair RQM Adapter exposes Test Plan, Test Suite, Test Case, Test Script, Step, Test Result, Result Step and Build from Rational Quality Manager and enables bi-directional synchronization between RQM and other best-of-breed tools connected to Omnibus. Kovair supports both synching and linking between RQM and other non-OSLC tools using Kovair OSLC Provider for RQM.



### 2. Rational Functional Tester:

Kovair Adapter for Rational Functional Tester works as a data repository and the plug-in allows users to execute their Test scripts in their own environment, tracks the outcomes, and pushes failed cases as Defects to Omnibus. The integration also enables them create traceability between a script file and the issues associated with it



### 3. Rational Test RealTime:

Kovair RTRT Integration Adapter offers one-way data synchronization between IBM RTRT and Kovair Omnibus, where data flows from RTRT to Kovair Omnibus. By integrating IBM Rational Test RealTime with Kovair Omnibus, one can gain visibility into RTRT Reports such as Performance Profile, Code Coverage, Test Report and Memory Profile from within Kovair.

## H. OSLC Providers



### *RRC, RTC and RQM Provider:*

Kovair allows IBM Jazz users to integrate OSLC Consumer tools like RRC, RTC, RQM with OSLC non-compatible ALM tools such as HP Quality Center, Microsoft TFS, SharePoint, JIRA as well as Rational's own legacy tools such as RequisitePro and Rational Functional Tester. Kovair currently supports OSLC specifications for Requirements Management, Quality Management and Change Management.

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