

IBM Rational Team Concert for System z, Version 1.0.1

Highlights

- ***Facilitates collaboration with realtime, contextual information for distributed project teams***
- ***Helps improve software quality by promoting consistent processes and governance***
- ***Supports more automated, transparent and predictive software development***
- ***Leverages the power of the IBM System z platform by hosting the IBM Jazz Team Server***

Organizations face growing demands to quickly deliver high-quality software that effectively meets business objectives. But these same organizations are working under extraordinary pressures. They're required to adhere to organizational standards, but they lack defined processes, documentation and enforcement capabilities. They're working in teams that are becoming even more geographically distributed. And they're being asked to deliver more with the same or fewer resources.

IBM Rational® Team Concert for System z software is designed to drive software innovation through collaboration, transforming how people work together to develop and deliver software in an increasingly agile manner. By connecting geographically dispersed development teams, the Rational software helps increase individual and team productivity, compress development cycles and deliver high-quality software, fast.

Rational Team Concert for System z brings together mainframe and distributed teams under a common process and collaboration environment. While managing complex, mixed-platform applications within a single unified process, the software provides traceability and tracking across both distributed and host components. Rational Team Concert for System z works with existing host source management systems, and it can coordinate changes that involve multiple teams, platforms and technologies to reduce errors and simplify change management.

By supporting deployment on the IBM z/OS® or the Linux® for System z platform, Rational Team Concert for System z integrates with existing backup, failover and disaster recovery strategies, and it simplifies deployment configurations by consolidating workload onto the mainframe.

Enhances team collaboration

Based on the open and extensible IBM Jazz™ technology platform, IBM Rational Team Concert for System z empowers software teams to collaborate in realtime in the context of specific roles and processes by delivering new levels of productivity, agility and innovation. Using customizable portal views, team members can access information about projects such as news and events, current build status, works in progress, and change requests. They can also see what their teammates are working on, as well as who's online and available for collaboration.

Supports work-item management

Rational Team Concert for System z allows team members to discuss particular work items—defects, enhancements, updates—and capture these discussions for use during code reviews and inspections. Work-item owners or interested parties can subscribe to these discussions and receive Really Simple Syndication (RSS)/Atom feed notifications when software changes are made. Team members can share queries with the team or with particular users, and they can use the software to connect to the IBM Rational ClearQuest® change management solution.

Delivers software configuration management capabilities

For distributed applications, Rational Team Concert for System z delivers essential software version control, workspace management and parallel development support to individuals and teams. Users can take advantage of such functions as developer-to-team flow, integrated stream management, server-based sandboxes, component-level baselines for enabling rollback to previous versions, and identification of available baselines as well as components in streams. The software even offers a connector to the IBM Rational ClearCase® solution.

Enables more efficient software builds

Rational Team Concert for System z enables efficient scheduling and execution of distributed software build processes. Support for Ant and command-line tools allows users to build across platforms, while IBM Rational Team Concert™ realtime collaboration allows teams to leverage multiple local or remote servers for rapid build processing. Users can trace work items and change sets, as well as employ build definitions for team and private builds. The software also offers a connection to the IBM Rational Build Forge® tool, which can help users create a detailed bill of materials that enhances build reproducibility.

Provides cross-organizational visibility and collaboration

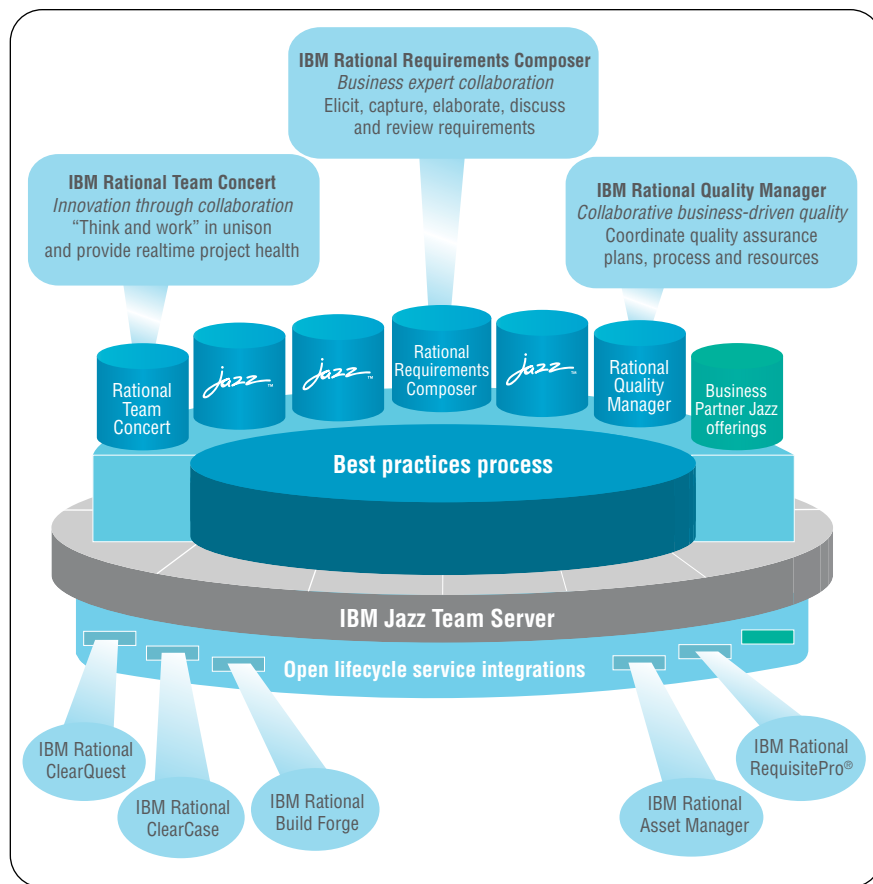
Rational Team Concert for System z provides robust functionality that can help teams build better software faster.

- **Process automation and guidance:** *Enforcement of agreed-upon standards can help ensure higher-quality results. Because all organizations aren't the same, rules are configurable and can be defined or refined as needed, enabling continuous improvement.*
- **In-context collaboration:** *Through personal customizable views, team members can gain a better understanding of what's happening on projects. And they can see what their teammates are working on and who's available for realtime collaboration.*
- **Web client:** *Leveraging AJAX technology, internal and external stakeholders can easily access development data without a rich-client interface.*
- **Dashboards and reporting:** *Project, individual and team dashboards can provide accurate project health information drawn directly from ongoing work, replacing tedious and time-consuming reporting efforts.*

Enables on-time and on-budget delivery

Rational Team Concert for System z includes a comprehensive set of integrated functionality that allows teams to effectively deliver software on time and on budget. So even though organizations are asked to develop cost-effective software more quickly than ever, they can rely on the following Rational Team Concert for System z capabilities to help them succeed:

- *Integrated iteration planning and execution*
- *A realtime project status window*
- *A single structure for project-related artifacts*
- *World-class team on-boarding and off-boarding, including team membership, subteams and project inheritance*
- *Role-based operational control for flexible definition of process and capabilities*
- *A team adviser for defining and refining rules, and enabling continuous improvement*
- *Process enactment and enforcement*
- *In-context collaboration showing the status of team members and work in progress*
- *Customizable project dashboards*
- *Realtime reporting and queries*



The Jazz platform showcasing Rational Team Concert

Exploits the power of the System z platform

By hosting the Jazz Team Server, Rational Team Concert for System z allows organizations to exploit the reliability, scalability and power of their System z environment. Rational Team Concert for System z also adds support for IBM DB2® and IBM WebSphere® Application Server for System z software.

Leverages the Jazz technology platform

Rational Team Concert software is the first family of applications based on Jazz technology, the next-generation technology platform for collaborative software delivery from IBM. Built on Open Web and Open Services Gateway initiative (OSGi) Alliance standards, the Jazz platform provides an extensible architecture that is designed to make software delivery more collaborative, productive and transparent. Attuned to the



needs of global teams, it combines people, project and process awareness with automation to accelerate the software lifecycle and improve project governance. The Jazz platform is built on Eclipse technology and serves as the foundation for the IBM Rational Software Delivery Platform and its partner ecosystem.

For more information

To learn more about IBM Rational Team Concert for System z software, contact your IBM representative or IBM Business Partner, or visit:

ibm.com/software/awdtools/rtc

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