

IBM Rational Team Concert

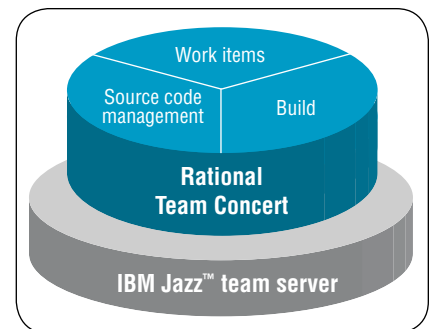
Highlights

- **Streamlines development processes with integrated source control, work-item and build capabilities**
- **Improves collaboration with realtime, contextual collaboration for distributed project teams**
- **Helps improve software quality by promoting consistent processes**
- **Improves project visibility with realtime health information and status transparency**
- **Boosts flexibility with an open-standards-based platform**
- **Enhances productivity with essential software version control, workspace management and parallel development support**

Software development organizations are facing growing pressure to quickly deliver high-quality software that's aligned with constantly evolving business objectives. However, several factors are making this goal more and more difficult to achieve. Teams are often expected to deliver more applications with the same number or fewer resources. Many teams are geographically dispersed, which can make collaboration challenging. And many organizations have difficulty applying consistent processes and standards across disparate projects and groups.

Developing software as part of a team is like playing an instrument in a band. Both endeavors require a balance of skill and collaboration. IBM Rational® Team Concert software is a collaborative environment that helps individuals and teams attain peak performance. It provides essential software version control, workspace management and parallel development support. Plus, Rational Team Concert is designed to connect dispersed development teams to increase individual and team productivity, compress development

cycles and enable teams to deliver high-quality software, fast. Available in Standard, Express and Express-C editions, Rational Team Concert is designed specifically for small and midsize development teams.



Rational Team Concert facilitates software development innovation through collaboration.

Enhances team collaboration

Rational Team Concert combines a Web 2.0 approach to team collaboration with integrated work-item, build and software configuration management. Using customizable portal views, team members can access information about projects such as news and events, current build status, what's being worked on and changes that have been requested. They can also see what their teammates are working on as well as who's online and available for collaboration.

With Rational Team Concert, it's easy to exchange information directly in the context of the work you are doing. And Rational Team Concert can automatically update stakeholders on any changes to the document or associated work item.

Supports transparent work-item management

Rational Team Concert automatically creates and tracks the progress of individual work items in accordance with team process and project rules. This feature enables defects, enhancements and conversations to flow efficiently across the team, accelerating project progress. As work advances, Rational Team Concert captures information, such as who, what, when and why, associated with each work item to provide much-needed context when work items are shared among team members. Support for approvals and discussions helps ensure that code reviews and approvals take place on schedule and that team members remain in sync.

Delivers rich source control management capabilities

Rational Team Concert provides essential software version control, workspace management and parallel development support to individuals and teams. It can help improve productivity by tracking changes to artifacts automatically and enabling rollback to any previous version. Using Rational Team Concert, teams can strike the right balance between experimentation and transparency through combinations of private and public workspaces. Integrated stream management and server-based sandboxes help individuals solve problems in a controlled environment and then easily contribute to the team's regular builds.

Provides automated process guidance

Rational Team Concert provides process automation and guidance features that can help you enforce just enough process to ensure predictable results. And because not all projects or organizations are the same, Rational Team Concert enables you to configure process rules to meet specific project or organizational needs. You can start with any of three out-of-the-box process models, and then define and refine rules on the fly.

Rational Team Concert enables teams to adopt the core principles of high-performance software teams—shorter iteration cycles, frequent customer involvement, and more frequent and automated builds. Its fully customizable process guidance automates the implementation of almost any software delivery process and supports both agile and non-agile teams.

Enables more efficient software builds

Save time, money and rework by automating build processes and reducing the possibility of build errors. Rational Team Concert provides comprehensive build management features that can help your team efficiently schedule and execute software builds. Built-in work-item and change-set traceability makes it easy to identify precisely where the build breaks, and comprehensive build reporting automatically provides a detailed record of the team's build activities. Support for continuous build integration allows agile and other teams to benefit from the productivity gains associated with continuous build processes.

Improves visibility with realtime insight into project health*

Rational Team Concert provides automated data collection and reporting features that give you the realtime insight you need to effectively govern your software projects while reducing time-consuming reporting tasks. This makes it easier to stay on top of project progress, troubleshoot project problems and take corrective action earlier in the project lifecycle.

** Only available with standard edition.*

Helps extend your enterprise investments

Rational Team Concert can easily integrate with other change management applications. Using the supplied bridge, you can integrate the Rational software with the Subversion version control software. And using out-of-the-box connectors, you can integrate the Rational Team Concert software with the IBM Rational ClearCase® and IBM Rational ClearQuest® applications. The connectors allow you to synchronize data between Rational Team Concert and Rational ClearCase or Rational ClearQuest software, helping teams leverage their enterprise assets and process. Plus, Rational Team Concert developers can deliver work from satellite teams directly into enterprise projects.

Takes advantage of the IBM Business Partner ecosystem

You can extend Rational Team Concert with solutions from Ready for IBM Rational software Business Partners that provide specialized capabilities and value-added functions. For example, IBM Business Partners can provide functions for:

- *Analyses and reports on software licensing and compliance of source code.*
- *Process mechanisms to transparently automate the governance of service-oriented architecture (SOA) and other policies.*
- *Automated text transformation and requirements validation.*
- *Bidirectional integration of Rational Team Concert and JIRA change management.*
- *Lean development governance for agile and traditional teams.*

Leverages the Jazz technology platform

Rational Team Concert is the first application based on IBM Jazz™ technology, the next-generation technology platform for collaborative software delivery from IBM. Built on Open Web and 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 will serve as the foundation of the IBM Rational Software Delivery Platform and its partner ecosystem. For more information and to participate in the open commercial development project building the Jazz platform, please visit www.jazz.net.



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IBM Rational Team Concert edition comparison table			
	Express-C for consultants and students	Express for departmental/ small and midsize businesses	Standard for corporate teams
Maximum developers/ contributors per server	10 (total)	50/unlimited	250/unlimited
Database included (optional)	Derby only	IBM DB2 Express (DB2, Oracle, Microsoft® SQL Server)	IBM DB2 Express (DB2, Oracle, Microsoft SQL Server)
Application server included (optional)	Apache Tomcat only	Tomcat (IBM WebSphere)	Tomcat (IBM WebSphere)
Source code management	•	•	•
Work-item tracking	•	•	•
Build management	•	•	•
Agile planning	•	•	•
Subversion integration	•	•	•
Server-level permissions	•	•	•
Lightweight Directory Access Protocol (LDAP) authentication	•	•	•
Customizable process	•	•	•
Dashboards	1 per project	1 per project	Unlimited
Reports			•
Customizable work-item attributes and workflow			•
Role-based process permissions			•
Rational ClearCase connector			•
Rational ClearQuest connector			•
LDAP import			•
Standard HTTP proxy support			•

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Produced in the United States of America
October 2008
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For more information

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