

IBM Rational Suite Family

Highlights

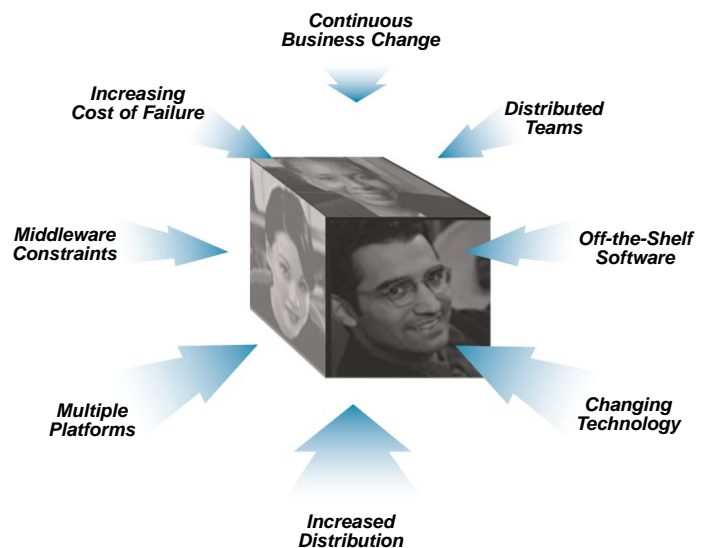
- ***Provides a complete lifecycle solution from requirements to modeling to testing***
- ***Offers solutions for enterprise, real-time/embedded and UNIX***
- ***Unifies cross-functional teams via key product integrations and workflow***
- ***Accelerates development through visual modeling, code-generation and reverse engineering capabilities***
- ***Improves code quality and application performance with automated testing solutions***
- ***Enhances project predictability with iterative development process***
- ***Includes a proven best practice approach to software development that is uniquely integrated with IBM Rational solutions***
- ***Supports team and individual development through the IBM Rational online development community***

In an on demand era, when customer expectations are on the rise, development cycles are getting pinched and projects are growing more complex, you need to improve your software capabilities across your organization. Individual team members need access to the best software solutions to do their jobs. And your team needs to have the latest information available so that everyone can respond quickly and appropriately to project changes and new development needs.

IBM® Rational Suite® family products provide a complete lifecycle set of integrated solutions. Together they empower your team to:

- *Communicate clearly and effectively*
- *Share and re-use assets repeatedly*
- *Improve team collaboration*
- *Optimize individual and team productivity*

The Rational Suite family blends market-leading developer solutions with an integrated set of lifecycle tools, called the Team Unifying Platform. The Team Unifying Platform facilitates team communication with tools for requirements management, defect and change tracking, version control, project measurement, testing and development process guidance. With Rational Suite products you get best practices, tools and services in one comprehensive solution. This



Challenges facing software professionals today make it harder than ever to release high quality software on time and within budget.

enables cross-functional teams to be unified, while minimizing risk, and improving overall quality. Each Suite allows you to define requirements, model, design and build your software, then find and eliminate runtime errors, memory leaks and performance issues with greater efficiency.

The IBM Rational Suite Family offers three solutions:

IBM Rational Suite provides a full lifecycle solution of analyst, developer and tester tools to unify cross-functional teams and support enterprise software projects from requirements to release.

IBM Rational Suite for Technical Developers provides a full lifecycle solution for writing very intricate code for some of the most challenging products and systems, such as real-time and embedded applications.

IBM Rational Suite DevelopmentStudio for UNIX provides a full lifecycle solution of analyst, developer and tester tools to unify cross-functional teams and support UNIX software projects from requirements to release.

Improving Team Communication

Rational Suite unifies cross-functional teams and makes individuals and teams more productive. By providing a full complement of development tools, each carefully integrated with other components, individual team members share broader project insight. No longer are individuals isolated by function. With Rational Suite your testers are alerted when they need to change a test script, a developer is notified when a requirement is re-prioritized and a project manager is flagged when the high-priority bug count exceeds a specified limit. This communication is the key to optimizing project productivity.

Too often cross-functional teams do not communicate frequently enough—resulting in team members working on the old priorities. This lag in communication is common, and it is responsible for many hours of wasted time. Rational's integrations tie cross-disciplinary teams together, alerting the right people when changes are made.

A Lifecycle Solution

What sets the Rational Suite family apart from other solutions is the Team Unifying Platform, a collection of integrated tools. The Team Unifying Platform, includes two types of integrated solutions— collaborative



IBM Rational ProjectConsole features a metrics dashboard to easily and consistently capture "true" project status from other Rational Suite solutions and third party tools.

project management capabilities and team infrastructure capabilities. Project management solutions help teams with process guidance, project reporting, and progress tracking. Rational's project management solutions are:

- *IBM Rational Unified Process® ensures that everyone understands and can easily follow a practical, iterative process.*
- *IBM Rational SoDA® automates the generation and maintenance of comprehensive project documentation and reports.*
- *IBM Rational ProjectConsole makes it easy to monitor project status and generate objective project measurement to improve project predictability.*
- *IBM Rational Developer Network™ offers more than a thousand articles, whitepapers, and artifacts online for you and your team to access 24x7 to solve problems and improve individual proficiency.*

Infrastructure tools represent the foundational solutions necessary to communicate and collaborate throughout the development process. Rational Suite infrastructure tools include the following solutions:

- *IBM Rational RequisitePro® is a complete requirements management solution that lets your team manage ever-changing requirements.*
 - *IBM Rational TestManager consolidates test planning, execution, and analysis activities, including legacy and proprietary test assets.*
 - *IBM Rational ClearQuest® is a defect and change tracking tool that lets everyone understand the current state of software quality.*
 - *IBM Rational ClearCase® LT provides a reliable version control tool, which serves as a common repository for all software development assets.*
- Regardless of the type of software that you build, your platform, or your IDE, Rational Suite products have developer and testing solutions that will fit with your teams needs
- *IBM Rational Rose® XDE Developer Plus offers software designers and developers a rich set of model-driven development capabilities for building applications, as well as a rich set of runtime code analysis capabilities for assuring software quality.*



- *IBM Rational Rose® Enterprise is a complete, in-the-box solution with the power and flexibility to handle the needs of all modeling environments (Web development, Data Modeling, Java, Visual Studio, and C++).*
- *IBM Rational Rose® Developer for UNIX provides visual modeling support for applications running on UNIX platforms.*
- *IBM Rational Rose® Technical Developer provides a comprehensive visual development environment for modeling, implementing, and debugging the most technical software development such as real-time and embedded applications.*
- *IBM Rational PurifyPlus is a complete set of automated runtime analysis tools for improving application reliability and performance (Editions: Windows and UNIX).*

- *IBM Rational Functional Tester for Java and Web provides advanced automated functional and regression testing of Java and Web applications from within the Eclipse, IBM WebSphere® or Rational XDE development environments.*
- *IBM Rational Robot enables automated functional and regression testing of ERP and client-server applications and provides full, native support for testing all Visual Studio .NET controls.*

An Open and Extensible Foundation

The IBM Rational platform for software development is open, extensible, and supported by over 500 independent complementary products and services. IBM Rational works closely with strategic partners, including Microsoft, Sun Microsystems, SGI, and others to ensure broad compatibility with .NET, J2EE, embedded system environments, and emerging Web Services specifications. An open Application Program Interface (API) ensures maximum flexibility.

Accelerate Success with IBM Rational Services

Like all IBM Rational solutions, the IBM Rational Suite family is supported by an extensive, worldwide service organization. Explore more than a thousand articles, whitepapers, and artifacts online at IBM Rational Developer Network, or RDN™.

Build your team's capability through expert training, consulting services,

and technical support. Or take advantage of more than 75 courses designed to speed technology deployment and accelerate your project's delivery.

Available where and when needed, IBM Rational software Services improve self-sufficiency as they build a foundation for continuous software development improvement.



The RUP platform provides the methodology and tools you need to provide your team with customized, practical process guidance.

IBM Rational Suite Family Solutions

Cross-Functional Solution	RealTime/ Embedded Solution	UNIX Solution
IBM Rational Suite	IBM Rational Suite for Technical	IBM Rational Suite DevelopmentStudio Developers for UNIX

Products

IBM Rational Rose XDE Developer Plus	X		
IBM Rational Rose Enterprise		X	
IBM Rational Rose Developer for UNIX		X	X
IBM Rational Rose Technical Developer		X	
IBM Rational PurifyPlus for Windows	X	X	
IBM Rational PurifyPlus for UNIX		X	X
IBM Rational Functional Tester for Java and Web	X		
IBM Rational Robot	X		
IBM Rational Team Unifying Platform			
IBM Rational Unified Process®	X	X	X
IBM Rational RequisitePro®	X	X	X
IBM Rational ProjectConsole	X	X	X*
IBM Rational SoDA®	X	X	X
IBM Rational TestManager	X	X	X
IBM Rational ClearCase® LT	X	X	X
IBM Rational ClearQuest®	X	X	X
Rational Developer Network	X	X	X

*IBM Rational ProjectConsole only runs in Windows operating environment.



Specification Summary for the IBM Rational Suite v2003 Product Family

The recommended specifications for the various editions of the Rational Suite product family are summarized in the table below.

Feature	Rational Suite	Rational Suite DevelopmentStudio for UNIX	Rational Suite for Technical Developers
Hardware (for Windows)			
600 MHz PIII	X	X	X
512 MB of RAM	X	X	X
2.0 GB free disk space on a single drive	X	X	X
CD-ROM drive	X	X	X
Hardware (for UNIX)			
400 MHz		X	X
512 MB of RAM		X	X
400 MB free disk space on a single drive		X	X
CD-ROM drive		X	X
Operating Systems			
Windows NT 4.0, Service Pack 6a and SRP(Security Rollup Package)	X	X	X
Windows 2000 Professional, Service Pack 2 or Service Pack 3	X	X	X
Windows XP Professional SP1	X	X	X
HP-UX 11.0, 11.11		X	X
Solaris 2.6, 7, 8, 9		X	X

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Software Group
Route 100
Somers, NY 10589
U.S.A.

Printed in the United States of America
01-03
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