

IBM Rational Dashboard

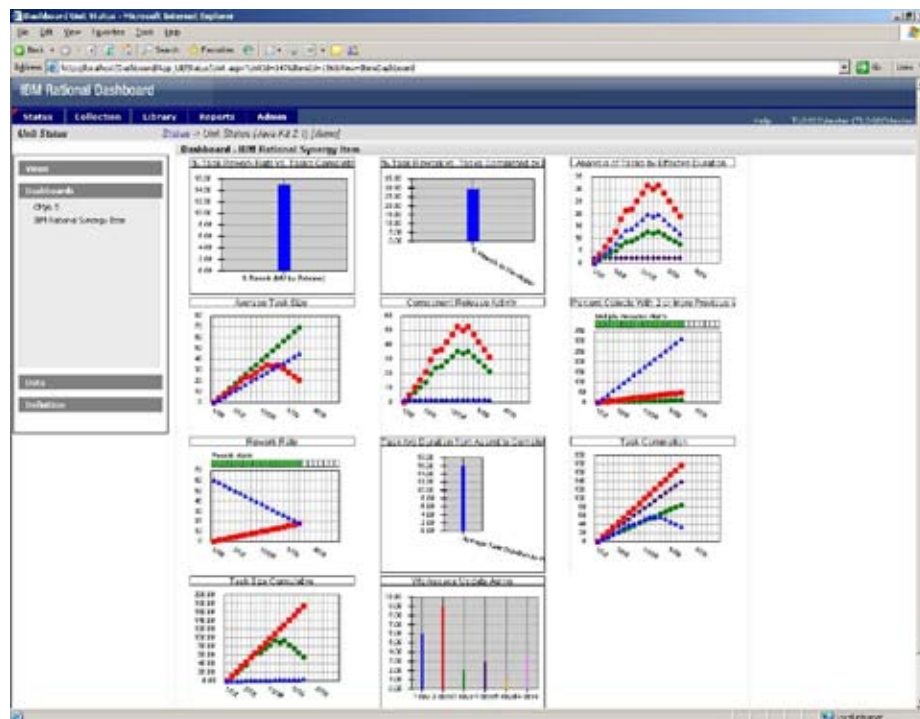


Figure 1: Zoom in from status indicators to graphical analysis of details and trends.

Highlights

- Help improve analyses for strategic and operational decision making.
- Empower teams to make information-based decisions.
- Support continual improvement using metrics and measurements.
- Implement best practices with guidance and compliance tracking.
- Provide management visibility into actual versus planned performance.
- Enable early detection and prediction of problems that require management attention.

Measure, monitor and improve

Are you driving your projects, or does it seem like they're driving themselves and skidding out of control? IBM can put you back in the driver's seat. With the IBM® Rational® Dashboard tool, you can monitor the status of all software, systems and documentation under development, and quickly assess your project's progress.

Performance measurement

The IBM Rational Dashboard solution allows management by exception, enabling you to drill down through multiple management levels, finding projects that require attention. You can filter projects by status to list the underperforming ones. Security features and access control help to

ensure that only those who need access to a specific project's data will receive it. To help simplify reviewing the performance of a single project, the dashboard provides an array of views with color-coded status linked to specific areas of performance, such as quality or progress.

The tool automatically evaluates collected data and analyzes it against rules and targets. With color-coded status and alert e-mails, you can quickly spot troubled areas and assess and correct issues affecting requirements, software size, quality, configuration management and scheduling—throughout the project lifecycle.

Intelligent data collection

The Rational Dashboard solution comes with prebuilt interfaces to popular applications such as IBM Rational DOORS® requirement management software, IBM Rational Change, change management software, IBM Rational Synergy configuration management software, and third-party applications, including Microsoft® Project and HP Quality Center software. The collection can be on-demand or scheduled, without the need for scripting. Historical and trend analysis with regular snapshots show how key data has changed in the source applications. The dashboard helps you monitor ongoing project performance in a user-friendly Web browser, empowering your teams to make information-based decisions.

Best practice libraries and compliance tracking

An integrated solution for defining and applying best practices, the Rational Dashboard product comes with a comprehensive collection of ready-to-use metrics and industry standards from some of the world's most mature organizations. With the Rational Dashboard solution, software projects can be readily assessed against corporate policy, standards and maturity models such as the Software Engineering Institute (SEI) Capability Maturity Model Integration (CMMI). The solution also allows tailoring of key process areas, subprocesses and other subcompliance aspects to suit a variety of compliance users. It provides functions to automate and perform the range of tasks required by a management process, starting with establishing measurement objectives, such as specifying measures and procedures for storing, analyzing and communicating results.

How it works

IBM Rational Dashboard is an integrated management platform for defining metric policy and deployment across your projects. Managers enter project plans and select business rules for determining status. Using built-in intelligent integration, the tool collects data from across your infrastructure, including IBM Rational Change, IBM Rational Synergy, IBM Rational DOORS and third-party applications (e.g., Microsoft Project, Excel and SQL, and HP Quality Center). After collecting relevant data, the IBM Rational Dashboard tool stores and analyzes that information, automatically updating project status. Built-in process guidelines and best practices help ensure that managers have effective tools for determining ongoing project performance.

System requirements

The following Microsoft Windows® operating systems are supported:

- *Windows XP Professional*
- *Windows 2000 Professional*
- *Windows 2000 Server*
- *Windows Server 2003*

The following system components are required:

- *Microsoft SQL Server 2005 database server and client tools*
- *Internet Information Server version 5 or 6*

For more information

To learn more about IBM Rational software, contact your IBM representative or IBM Business Partner, or visit:

ibm.com/software/awdtools/dashboard



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