


Enterprise modernization solutions
To support your business objectives

A series of decorative icons and colored squares are located in the bottom left corner. From left to right, there is a blue square, an orange square, a red square, a white square, a blue square containing a white envelope icon, a blue square containing a white mouse cursor icon, a blue square containing a white hexagonal pattern icon, and a green square.

**Unleash the power of the mainframe
with SOA and Web 2.0 technology.**

IBM Rational software helps you create next-generation applications for the mainframe and unlock valuable information to achieve better business results.



The mainframe isn't what it used to be — it's a more powerful business asset than ever. More and more organizations are using the platform as a robust, highly available and security-rich environment for running modern applications and extending existing workloads. And by leveraging Web 2.0 and service-oriented architecture (SOA) technologies, they're integrating mainframe and distributed applications to break down silos, improve collaboration, make more-informed decisions and achieve better business outcomes.

But incorporating the mainframe into a dynamic service-based environment can present challenges for developers. By nature, mainframe applications are not modular, so reworking and repurposing them can be difficult and expensive. Developers must often reconcile disparate platforms and middleware left over from merged infrastructures and evolving technology. And because developers have either legacy skills or Web programming experience, but rarely both, it can be difficult to coordinate efforts and streamline business processes.

Put the power of the mainframe to work for your business

IBM Rational® software makes it possible for your business to incorporate the mainframe into your modern IT environment by helping developers integrate legacy and modern technologies into one dynamic system. With the IBM Rational Software Delivery Platform for the IBM System z® platform, you can develop, deploy and manage a powerful Web 2.0 and SOA environment that leverages virtually all of your IT assets.



The IBM System z platform—leading-edge technology lets your IT system expand and innovate to meet almost any business demand.

With IBM System z technology, organizations can benefit from the inherent strengths of the mainframe—processing speed, scalability, resilience and cost-effectiveness. But new System z capabilities now allow developers to work in an open environment and leverage the skills and tools they use with distributed computing environments and contemporary Web applications. System z features include:

- A flexible run-time environment that provides functionality, portability and Web services across platforms.
- Improved information management using a common database client and tools for access, administration, design and tuning.
- A consistent user experience across platforms via portal and e-mail solutions.
- Comprehensive service management using common dashboards, user interfaces, and financial and asset management tools across platforms.

IBM Rational software—accelerating application development for the System z platform

New and enhanced IBM Rational software products can accelerate the adoption of Web 2.0 and SOA projects for the IBM System z platform. An open software delivery platform allows you to build service-based applications in a common development environment. You can simplify development and delivery of new workloads across platforms and technologies; lower maintenance costs; improve productivity; and break down technology silos.

The combination of Rational software running on the System z platform can help your organization reuse valuable assets, leverage existing investments to drive innovation, and facilitate collaboration to speed time to market.

Unlock the power of your mainframe

Gain insights and understanding of your application portfolio

- IBM Rational Asset Analyzer software
- IBM WebSphere® Studio Asset Analyzer software
- IBM Rational Transformation Workbench software
- IBM Rational Asset Manager software

Leverage existing and new skills to accelerate delivery of new SOA and Web 2.0 workloads for the System z platform

- IBM Rational Developer for System z software with Java™ technology
- IBM Rational Developer for System z software with EGL
- IBM WebSphere Application Server software
- IBM CICS® and IBM IMS™ software

Extend traditional green-screen applications to reach new customers and marketplaces

- IBM Rational Host Access Transformation Services (HATS) for Multiplatforms software

Optimize application performance with the latest compiler technology

- IBM compilers for XL C/C++, COBOL and PL/I

Increase collaboration between dispersed development teams

- IBM Rational ClearQuest® software
- IBM Rational ClearCase® software
- IBM Rational Build Forge® software
- IBM Rational Team Concert™ for System z software

Improve mainframe application quality, performance and security

- IBM Rational Quality Manager software
- IBM Rational Functional Tester and IBM Rational Performance Tester software
- IBM Rational AppScan® software
- Problem determination tools from IBM



Bringing mainframe, Web 2.0 and SOA technology together

IBM has the breadth and depth of technology experience to help you combine the power of mainframe technology with the agility of Web 2.0 and SOA to make your organization more agile, efficient and productive. Whether you are new to the System z platform or are actively developing applications for the mainframe environment, IBM can support your initiatives with a suite of hardware, software and services.

For more information

To learn more about enterprise modernization and IBM Rational solutions for the IBM System z platform, contact your IBM representative or IBM Business Partner, or visit:

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