

Red Hat Launches JBoss Data Virtualization 6 to Help Enterprises Turn Big Data into Actionable Information

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Data integration platform helps improve simplicity, speed, control and compliance in enterprise data environments

RALEIGH, N.C.--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced the general availability of Red Hat JBoss Data Virtualization 6, a comprehensive platform for data integration and unified access across disparate data sources that is designed to turn big data into actionable information.

Data is spread throughout organizations in various big data and traditional stores such as Apache Hadoop, relational databases and NoSQL stores such as MongoDB. Integrating and transforming data from these disparate stores can be a challenge to access or productively use. The difficulty of making this data accessible to external applications, such as analytics and business intelligence software, can be a barrier to effectively leveraging these technologies to extract valuable and actionable information from the data. JBoss Data Virtualization helps solve this problem by allowing for simultaneous access to these disparate stores.

Red Hat further helps customers overcome these challenges through [collaboration with industry leaders such as Hortonworks](#), the leading contributor to and provider of enterprise Apache Hadoop. Combining the Hortonworks Data Platform (HDP) with JBoss Data Virtualization integrates Hadoop with existing data sources and creates business-friendly virtual data models for improved access by external applications.

JBoss Data Virtualization provides fast, native out-of-the-box connectivity to various data sources with diverse access methods and storage models. Data from these sources is abstracted and presented in a way that frees developers to focus on the creation and delivery of their applications without having to know the technical and compatibility nuances associated with each data source and type.

JBoss Data Virtualization supports a range of IT projects and initiatives:

Self-Service Business Intelligence: A virtual, reusable data model provides business-friendly representation of data, allowing users to interact with data without needing to know the complexities of its structure or location and allowing multiple BI tools to acquire data from a centralized data layer.

Unified 360° View: Deliver a complete view of master and transactional data in real-time. The virtual data layer serves as a unified, enterprise-wide view of business information that improves users' ability to understand and leverage enterprise data.

Agile SOA Data Services: A data virtualization layer delivers data services to service-oriented architecture (SOA) applications. JBoss Data Virtualization accelerates the creation of data services that encapsulate data access logic and allows multiple business services to acquire data from a centralized data layer, resulting in a looser coupling between business services and physical data sources.

Better Compliance Control: A data virtualization layer delivers data firewall functionality. Data virtualization improves data quality with centralized access control, robust security and a reduction in physical copies of data. The metadata repository catalogs enterprise data locations and the relationships between data elements in constituent data stores, simplifying auditing and analysis.

Data-driven enterprises can maximize the business value of their data by establishing the organization, processes and infrastructure necessary to manage data as a strategic asset, allowing relevant, trusted data to be delivered quickly when, where and how needed to support the changing needs of the business. JBoss Data Virtualization technology provides lean and agile transformation of fragmented data into actionable information to thrive in the data-driven economy.

Feature highlights in JBoss Data Virtualization 6 include:

Big data and cloud data integration through support for Hadoop, NoSQL databases, [Red Hat JBoss Data Grid](#) and a tech preview of [MongoDB](#) as data sources;

Business dashboard to quickly build reports and visualize data;

Enhanced developer productivity through a graphical virtual data model design tool integrated with [Red Hat JBoss Developer Studio](#), SQL-DDL-based virtual database definitions, import/reuse functions, and support for native queries;

Simplified deployment and packaging with [Red Hat JBoss Enterprise Application Platform \(EAP\)](#).

JBoss Data Virtualization 6 is [available for download now](#).

Supporting Quotes

Craig Muzilla, senior vice president, Applications Platform Products Group, Red Hat

"Information management and delivery are critical functions of modern business operations. If organizations are going to have any success translating meaningless data into actionable information, integration tools like JBoss Data Virtualization play a key role in making the data readily accessible."

Keizo Sugiyama, executive director, Green Cloud Division, KDDI R&D Laboratories, Inc.

"As a telecommunications carrier, it is a critical requirement to use big data effectively to improve our quality of service and produce new services. We have ongoing efforts in our research and development department to explore how we can further utilize big data. We're excited about Red Hat JBoss Data Virtualization 6 and expect to enhance the way we utilize and analyze big data in cooperation with Hadoop and NoSQL to increase productivity, and we believe it will help accelerate our R&D activities and business."

Brad Shimmin, research director, Business Technology and Software, Current Analysis

"Organizations seeking immediate and transformational business insight through big data should not underestimate the difficulties involved in integrating the many data sources upon which a successful analytics endeavor depends. Big data integration is the key to unlocking the combined potential of data sources, such as spreadsheets, databases, line-of-business applications, and Hadoop clusters. By employing a data virtualization layer such as Red Hats JBoss Data Virtualization, companies can better integrate and unify disparate data sources for application consumption and analysis."

John Kreisa, vice president strategic marketing, Hortonworks

"We're pleased to see Red Hat bringing to market a compelling big data integration solution that addresses a critical market need for better and faster insight into data. Red Hat's JBoss Data Virtualization technology makes combining existing enterprise data assets with data that is in Hortonworks Data Platform both easy and fast."

Karl Van den Bergh, vice president, Products and Alliances, Jaspersoft Corporation

"The volume, velocity and variety of data in the enterprises are on the rise. The need to transform this data into actionable insight is a top priority for today's CIO. Red Hat and Jaspersoft bring together a comprehensive and easy-to-use solution that delivers 'Data to Actionable Insight', helping to turn an organization's untapped and underutilized data into competitive advantage."

Additional Resources

Learn more about [Red Hat's strategic alliance with Hortonworks](#)

Read our blog post, "[Build data supply chains, not data warehouses](#)"

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Forward-Looking Statements

Certain statements contained in this press release may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements provide current expectations of future events based on certain assumptions and include any statement that does not directly relate to any historical or current fact. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: risks related to delays or reductions in information technology spending; the effects of industry consolidation; the ability of the Company to compete effectively; the integration of acquisitions and the ability to market successfully acquired technologies and products; uncertainty and adverse results in litigation and related settlements; the inability to adequately protect Company intellectual property and the potential for infringement or breach of license claims of or relating to third party intellectual property; the ability to deliver and stimulate demand for new products and technological innovations on a timely basis; risks related to data and information security vulnerabilities; ineffective management of, and control over, the Company's growth and international operations; fluctuations in exchange rates; and changes in and a dependence on key personnel, as well as other factors contained in our most recent Quarterly Report on Form 10-Q (copies of which may be accessed through the Securities and Exchange Commission's website at <http://www.sec.gov>), including those found therein under the captions "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations". In addition to these factors, actual future performance, outcomes, and results may differ materially because of more general factors including (without limitation) general industry and market conditions and growth rates, economic and political conditions, governmental and public policy changes and the impact of natural disasters such as earthquakes and floods. The forward-looking statements included in this press release represent the Company's views as of the date of this press release and these views could change. However, while the Company may elect to update these forward-looking statements at some point in the future, the Company specifically disclaims any obligation to do so. These forward-looking statements should not be relied upon as representing the Company's views as of any date subsequent to the date of this press release.

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