



DEVELOP POWERFUL BUSINESS RULES WITH RED HAT AND VIZURI

SOLUTION BRIEF

INTRODUCTION

Amid increasingly complex regulations, many healthcare organizations and federal government agencies use advanced information technologies and massive amounts of data to respond to challenges and remain in compliance. When building information systems, these organizations require a knowledge management-based IT system that enables them to incorporate sophisticated decision logic into web-based forms and quickly update underlying business rules as regulations change.

As the demand for more agile business rules management continues to grow, many organizations are compelled by the benefits of rules-based engines, but worry that the maintenance costs may be prohibitive for their organization. Vizuri's Dynamic Questionnaire design harnesses the powerful business rules management functionality of Red Hat® JBoss® BRMS to deliver a rules-based engine tailored to your organization's regulatory and compliance standards. By dramatically reducing or eliminating unnecessary manual assessment tasks, this design adds immediate value to your organization—without vendor lock-in. In a dense landscape of deployment possibilities, the Dynamic Questionnaire design provides a proven rules-based management solution.

RED HAT AND VIZURI

With over 10 years of collaboration, Red Hat and Vizuri have worked together to develop innovative solutions that are designed to meet customer needs and solve complex business challenges. Vizuri's experience spans the spectrum of Red Hat's open hybrid cloud portfolio, including Linux®, middleware, cloud, application development, virtualization, management, and storage. Building on a Red Hat and Vizuri open platform drives massive cost savings without compromising security, performance, or scalability—and frees customers from vendor lock-in. Together, Red Hat and Vizuri deliver:

- A comprehensive portfolio of open source solutions.
- A unique blend of open technology, price and performance efficiency, and enterprise credibility.
- Extensive expertise in the design of business solutions that use complex technologies for business agility.



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SOLUTION AT A GLANCE

Comprised of two distinct components—the questionnaire and the business rules that evaluate responses—Vizuri’s Dynamic Questionnaire design provides a reference implementation for capturing information backed by rules-based decision making to collect and validate data. Built on Red Hat JBoss BRMS, a comprehensive rules-based platform integrated with web-based graphical tools, the Dynamic Questionnaire design depicts the relationship between questions, answers, error messages, and question types so organizations can respond to business changes quickly and with less risk. Vizuri uses this design strategy to remove dependencies and free business rules from their underlying technology. This provides a single source for business rules, enables the consistent application of the rules, separates concerns, and reduces audit and compliance issues. Validated, integrated software components, combined with tactical solution design and expert services, help you build an agile rules-based management system. While JBoss BRMS is foundational to the Dynamic Questionnaire design, some organizations may benefit from the additional functionality provided by these solutions:

Red Hat JBoss BPM Suite

An open source business process and decision management platform, JBoss BPM Suite enables users to capture business policies and procedures, accelerate application development, and automate business operations across physical, virtual, mobile, and cloud environments. The result is improved business agility, improved operational efficiency, and faster time to market.

Red Hat JBoss Fuse

An open source lightweight integration platform, JBoss Fuse has modular architecture and integration capabilities that extend integration to all facets of enterprise, on-premise, cloud, and hybrid environments. JBoss Fuse includes implementation for the most commonly used enterprise integration patterns, which helps to seamlessly create and connect application programming interfaces (APIs). Based on popular open source projects and delivered by the leader in enterprise open source software, JBoss Fuse enables successful digital transformations.

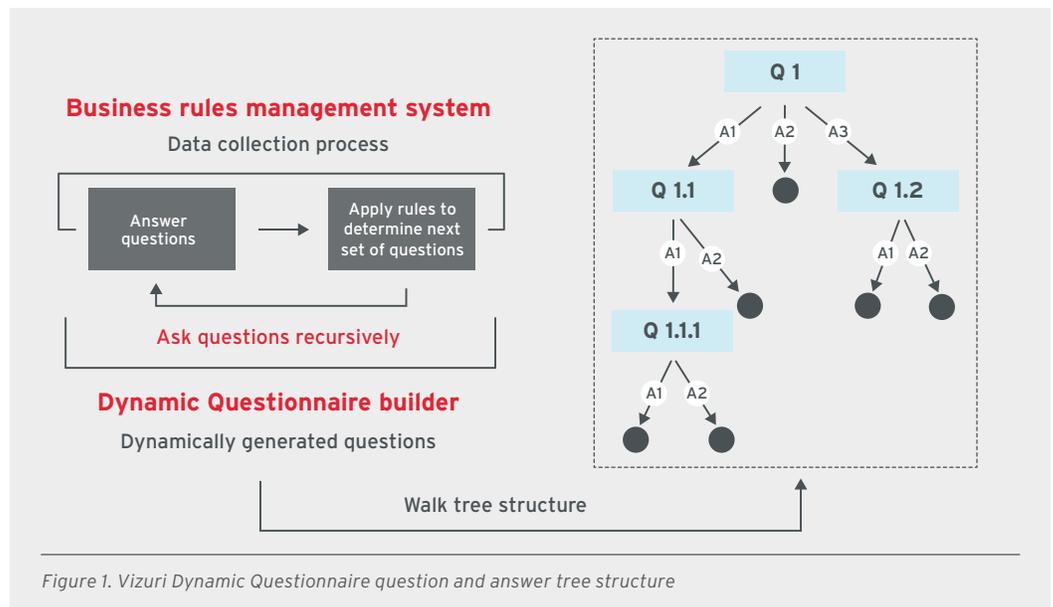
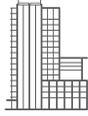


Figure 1. Vizuri Dynamic Questionnaire question and answer tree structure



ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

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SOLUTION BENEFITS

With the Dynamic Questionnaire design, organizations benefit from the unparalleled performance, scalability, and reliability of a proven rules-based management solution. Founded on industry-leading products and services, Red Hat and Vizuri business rules offerings incorporate principal open source technologies and industry best practices. The Dynamic Questionnaire design delivers a range of advantages to the enterprise, including:

Greater IT efficiency

Simplifies the collection of complex data with the questionnaire model.

Superior IT agility

Accelerates response times based on market and regulation changes.

Faster time to value

Eliminates single vendor lock-in to provide a more cost-effective solution.

Accelerated development

Shortens development cycles and brings new features to market faster with rules-based business logic.

Compliance and governance

Provides easy-to-use foundation for rules-based solutions.

LEARN MORE

With the Dynamic Questionnaire design, healthcare organizations and federal government agencies can use Red Hat JBoss BRMS to take advantage of powerful business rules and dramatically reduce or eliminate manual assessment tasks.

[Contact us](#) to learn more about the Dynamic Questionnaire and get a personal demo to see it in action. Email Vizuri at solutions@vizuri.com for more information.

ABOUT VIZURI

Vizuri is the commercial consulting division of AEM Corporation. We transform business through creative software solutions, and stand out for our work in three core areas: business rules and process management, cloud enablement, and enterprise integration and messaging. We align and integrate your business processes and strategies with our technologies to develop solutions that show a clear return on investment.