

MIGRATE LEGACY ESB CODE TO RED HAT FUSE WITH LOGIMETHODS

PARTNER SOLUTION BRIEF

“Our ESB migration project was a great success and Logimethods helped us achieve our objective of moving datacenters on time and on budget. Logimethods’ project team showed strong technical abilities and professionalism every step of the way in working with us. We also found Logimethods to be a very flexible supplier.”

PROGRAM DIRECTOR
EUROPEAN POSTAL SERVICE

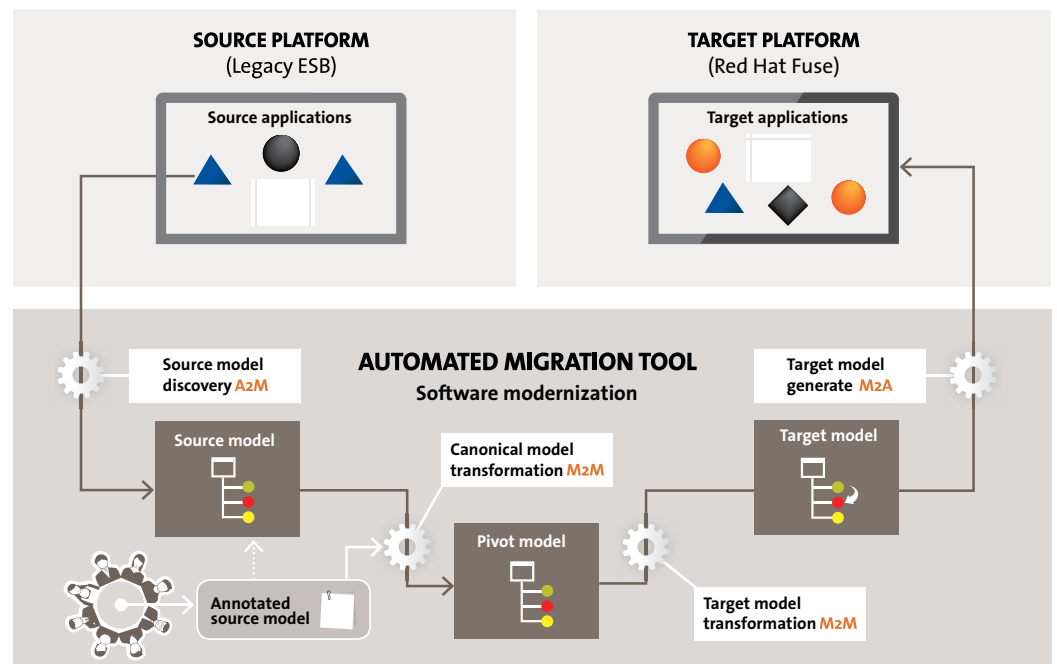
INTRODUCTION

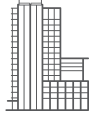
Many organizations rely on legacy enterprise service bus (ESB) software to provide communication across applications. Over time, these legacy ESB tools have become obsolete and do not provide the agility required to support today’s demands. The cost and complexity to migrate to a new generation of application integration software is often prohibitive. Red Hat® and Logimethods can address these concerns. Logimethods provides an automated, low risk, and cost-effective path to migrate legacy ESB code to Red Hat Fuse application integration software.

AUTOMATED FUSE MIGRATION TOOL

Logimethods uses an advanced model-driven design and the Automated Fuse Migration Tool to deliver new application integration software on Red Hat Fuse. This is accomplished in four steps:

1. The legacy ESB source code and metadata are scanned to capture the technical and functional requirements. The tool interprets this information and creates a model of the existing implementation.
2. The model is mapped to a pivot (or “canonical”) model that provides a generic representation of the capabilities of the source ESB functionality.
3. The canonical model is then mapped to Red Hat Fuse and a functionally complete representation of the solution is created as a target model.
4. Once the target model is complete, the Red Hat Fuse code is generated. The generated code runs natively on the target platform without further utilization of the migration tool.





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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The Automated Fuse Migration Tool facilitates the one-to-one migration of your legacy ESB code to Red Hat Fuse. For some customers, that is enough. For other customers, Logimethods offers additional services to help re-architect their application into new microservices and containers. This optional step positions you to maximize the long-term value of your applications.

RED HAT FUSE

Red Hat Fuse (formerly Red Hat JBoss® Fuse) is a distributed application integration platform with standalone, cloud, and integration Platform-as-a-Service (iPaaS) capabilities with Red Hat Fuse Ignite deployment options. Using Red Hat Fuse, integration experts, application developers, and business users can independently develop connected solutions in the environment of their choosing. This unified platform lets users collaborate, access self-service capabilities, and enforce IT governance. Red Hat Fuse is part of an agile integration solution that allows teams to deploy integrated services where required. The application programming interface (API)-centric, container-based architecture decouples services so they can be created, extended, and deployed independently.

LOGIMETHODS AND RED HAT STRATEGIC ALIGNMENT

Logimethods is a Red Hat APEX Partner with sixteen years of experience and over fifty consultants with Red Hat accreditations. Logimethods strengths and core expertise enable organizations to maximize the value of Red Hat's application modernization, agile integration, and process automation technologies.

CONCLUSION

Logimethods supports you throughout initial assessment, planning, and automated migration, including testing. This approach provides you the following benefits:

- **Low risk.** The Automated Fuse Migration Tool preserves the business logic embedded in the legacy ESB code.
- **Time to value.** Automated tools reduce the time and errors when compared to manual migrations.
- **Flexibility.** Migration to modern application integration software technology with Red Hat Fuse positions you to take better advantage of agile application development practices.
- **Open source value.** Red Hat Fuse helps you to avoid vendor lock-in and benefit from community-driven innovation.

LEARN MORE

The Logimethods Automated Fuse Migration Tool can migrate a wide range of legacy ESB code. For more information, visit: www.logimethods.com/solutions-accelerators/automated-migration-utility/ or contact integration.modernization@logimethods.com.

ABOUT LOGIMETHODS

Specializing in enterprise integration and cloud migration, Logimethods lowers the cost and delivery time of enterprise solutions with the use of automation and accelerators. Logimethods solutions are architected for quality and low total cost of ownership (TCO). The company's head office is located in Montreal with other offices in Toronto, Calgary, and Chicago. Logimethods operates a software factory to serve clients not only in North America, but also globally.