

IBM Enterprise Application Service for Java

Build, deploy, and run enterprise Java applications in the cloud with ease.



Highlights

Reduces operational overhead by managing middleware in the cloud

Boosts productivity with an integrated experience and access to genAI

Automates migration and modernization to reduce cost and risk

Businesses face rising operational costs, skill gaps, technical debt, and increased risk from aging IT systems. To mitigate this, many are looking to modernize their core Java applications—but high complexity and cost often stall progress. IBM Enterprise Application Service for Java (EASEJ) simplifies operations, accelerates delivery, and transfers the responsibility of infrastructure and middleware management to IBM. EASEJ reduces the operational burden so teams can focus on innovation.

EASEJ is a fully managed application platform designed to simplify the migration, modernization, and operation of Java applications. Focus on adding business value rather than maintaining security, compliances, and preserving uptime. Experience the benefit of greater developer productivity and a secure, scalable foundation for long-term success. EASEJ automates key steps in the process of migrating Java applications to the cloud, minimizing the risk and work required.

Only 16%

Of developers' time is spent coding applications—the rest goes to operational tasks, slowing innovation and limiting your team's productivity¹.

700 hours

is the average time it takes to migrate one application without automation².

Reduces operational overhead by managing middleware in the cloud

By utilizing EASeJ, operations teams move the responsibility of managing application infrastructure to the cloud, reducing the team's burden and freeing them to focus on higher-value activities.

- EASeJ offers a cloud-managed environment with built-in High Availability across three (3) cloud Availability Zones and automated runtime maintenance for security fixes, all with a [99.95% availability SLA](#).

Boosts productivity with an integrated experience and access to genAI

EASeJ integrates seamlessly with existing development tools and provides pre-configured CI/CD pipelines to streamline the application development lifecycle. By automating build, testing, and deployment processes, EASeJ helps reduce manual work and accelerate time to market, helping businesses align with modern requirements.

- Pairing EASeJ with [watsonx Code Assistant \(wCA\)](#) brings [genAI](#) to the developer experience, supporting AI-assisted code generation, test creation, and code explanation to boost productivity.

Automates migration and modernization to reduce cost and risk

EASeJ automates key steps in migrating and modernizing legacy Java applications. The Application Modernization Accelerator (AMA) tool, provided with EASeJ, helps you discover and visualize your application estate, including dependencies such as databases and messaging systems. These insights let you plan and prioritize, identifying critical applications and components for migration and modernization.

- By leveraging AMA, you can [reduce the time](#) needed to plan your migration [by over 99%](#).

A flexible and tailored approach to transform

Navigate your modernization journey with data, prioritization, and automation built-in

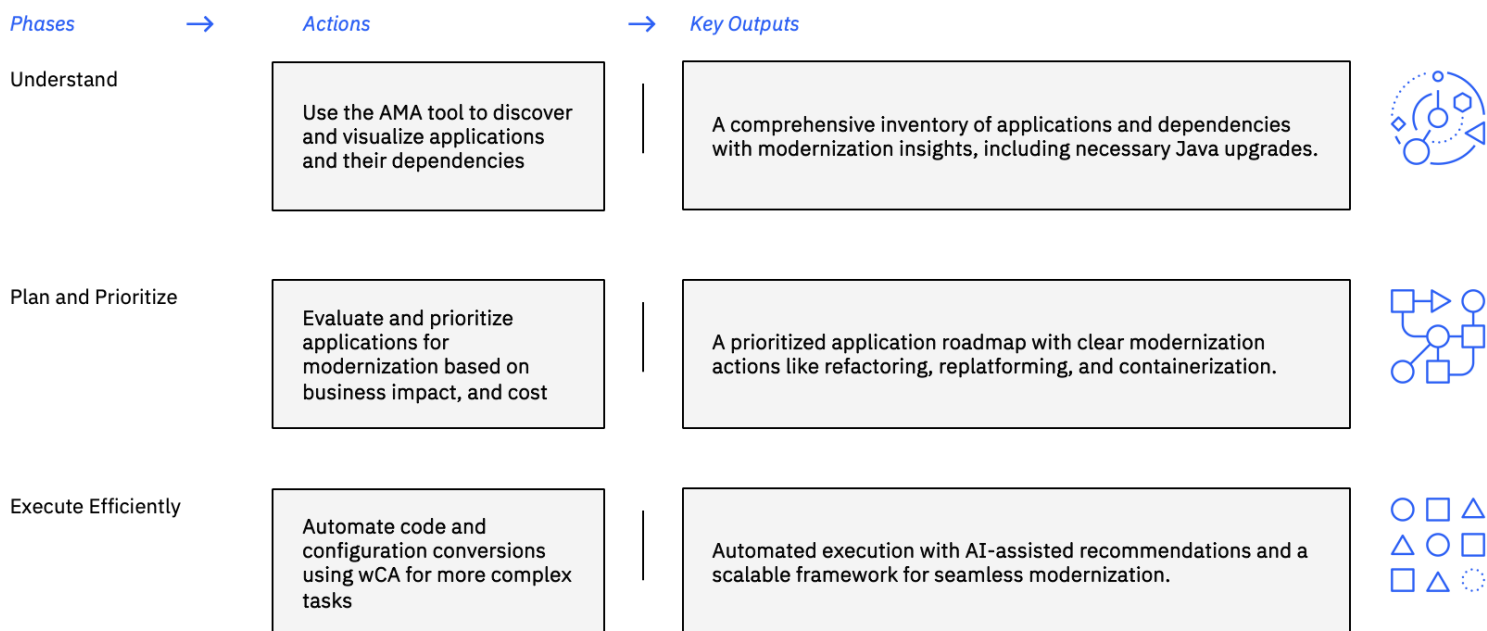




Figure 1. Abstract representation of code for application modernization.

Conclusion

Enterprise Application Service for Java helps reduce operational costs, lower risk, and free up resources—enabling teams to focus on innovation and productivity. This fully managed service automates the modernization of existing applications and accelerates delivery cycles to enhance developer efficiency. By simplifying complex processes, EASEJ empowers organizations to modernize faster and stay competitive.

Why IBM?

IBM brings decades of expertise in application modernization and cloud, offering a trusted foundation for innovation. EASEJ and AMA codify deep industry experience in scalable, highly available enterprise solutions and the acceleration of Java migration. With a global network of innovation centers and ongoing R&D investment, IBM delivers the scale, infrastructure, and partnerships needed for secure, successful modernization.

For more information

To learn more about Enterprise Application Service for Java (EASEJ), contact your IBM representative or IBM Business Partner or visit <https://ibm.biz/EASEJ-LP>

1. “How Do Software Developers Spend Their Time?”, IDC, February 2024.
2. IBM consulting, 2024.

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