

# BellSoft Position Statement 2024 JCP EC Election

## About BellSoft

BellSoft's mission is to make Java technology the #1 choice for modern enterprises. To achieve this compound goal, BellSoft delivers the most complete Java experience with a more secure, reliable, and cost-effective approach to application development on any platform and in any environment.

BellSoft releases and supports a free and secure OpenJDK binary distribution compliant with Java SE Standard — Liberica JDK. Liberica JDK is available for all major versions of the Java SE specification, most platforms (Windows, Linux, macOS, Solaris), and the largest number of present-day architectures (x86 64/32 bit, ARM, PowerPC, SPARC), including microservices-based ones. Therefore, BellSoft's Liberica JDK presents a Unified Java Runtime: one runtime for cloud, server, and desktop use cases.

BellSoft's team believes that Java can be flexible and adaptive in response to ongoing business changes. We rely on continuous feedback from thousands of our clients to develop new solutions with the community, while also preserving industry traditions and maintaining the highest quality standards. BellSoft greatly appreciates the role of Java SE in the success of the technology, thus all Liberica JDK binaries are TCK-verified in compliance with the Java SE specification.

We trust technology standards to guide further Java enhancements and keep its community vibrant. Easily accessible technology standards for those working on Java's future help the Java ecosystem thrive. Besides OpenJDK, BellSoft provides the minimized and optimized Linux distribution, Alpaquita Linux, created to address Java pain points.

## About Priorities

Since its foundation in 2017, BellSoft has established itself as one of the leading contributors to the OpenJDK, serving the interests of the Java community for continuous optimization and enhancement. We strive to develop new, useful, and essential features in OpenJDK. To attain such a quality approach to development, we analyze the Java developers' needs and monitor and identify what makes Java convenient and relevant today.

Specifically, BellSoft's engineers understood a while back that containerized JDK 9 was favored among users. Our company saw a great potential in supporting lightweight builds with Docker images, and our initial creation involved JDK containers for Alpine Linux with a glibc compatibility layer. Next, BellSoft worked to integrate the Portola Project into upstream OpenJDK. Our goal was to allow building a variant of the JDK on Linux distributions that use musl as their primary C library. The result is tiny Liberica JDK binaries and JEP 386 targeted to JDK 16. BellSoft has been investing in the efficiency of OpenJDK for microservice Java applications, and we will continue doing so.

## About Community

We greatly value the prospects of all Java engineers and follow the rule of fully transparent, trust-based relationships with the community.

We always seek real-time feedback from developers on any proposed changes in the specification or on already-introduced solutions.

All the information we receive in your responses and requests is priceless to us, as based on this feedback, we improve Java every day. We eagerly listen to all insights from a community, whether from a Java junior developer, a seasoned professional, an industry expert, or a business representative. We at BellSoft will be happy to amplify these insights and voices as a JCP EC member.

BellSoft develops projects for the contemporary world and for those who make a difference. The company's statement is that the world cannot be changed if we only listen to the companies that create the standards. We need to constantly listen to the people who are routinely working with Java first-hand and understand their demands. BellSoft is ready to become a broadcaster for these people and translate their voices into actions, maintaining the transparent and dependable nature of the communication process and promoting technological development based on the needs of the Java community.

## About Representatives

### Aleksei Voitylov

With 15 years of Java experience, Aleksei Voitylov, PhD, is the CTO and co-founder of BellSoft, a company that releases and supports an OpenJDK binary distribution for a variety of platforms called Liberica JDK. Throughout his career at Sun and Oracle, Aleksei worked with various JVMs and JSR implementations (Java ME, Java SE, and Java EE) and, in particular, helped deliver multiple components of the JDK 8 and 9 releases, including HotSpot JVM and the Java Language.

He founded BellSoft with the ambition of providing a free, high-quality, and supported Java SE Runtime that would remain relevant for all use cases, from embedded to cloud and enterprise. Aleksei is an Open Source Evangelist, actively involved with Java open source communities and projects. He is also an OpenJDK contributor who takes part in various Java developer conferences, ranging from Oracle Code One to local JUGs, and contributes articles to the Java Magazine.

### Alexander Belokrylov

Prior to founding BellSoft, Alexander Belokrylov worked at Sun Microsystems and Oracle for almost 13 years and contributed significantly to Java's evolution and adoption. Today, he is the CEO and cofounder of BellSoft, a company that maintains and evolves OpenJDK and develops Liberica JDK. It is a free and 100% open source Progressive Java Runtime for modern Java deployments.

Alexander is responsible for leading the strategic direction of BellSoft and executing its vision. Under his leadership, the company has become a leading OpenJDK contributor on par with other IT movers and shakers, such as Oracle, Red Hat, SAP, and Google. He has built a highly talented team that stands behind today's OpenJDK and is relied upon by developers worldwide.

## Pasha Finkelshteyn

Years of experience in software engineering and the team's leading roles, combined with his passion for Java, made Pavel know all the hidden details in this IT niche. As a Developer Advocate at BellSoft, he educates the public on the latest software tools built by BellSoft and helps create and test instruments for developers.