

BellSoft Position Statement 2022 JCP EC Election

About BellSoft

BellSoft's mission is to make Java technology a #1 choice for modern enterprises.

BellSoft releases and supports a free and secure OpenJDK binary distribution for Java SE Standard Compliance called Liberica JDK. It 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. This makes Liberica JDK the Unified Java Runtime: one runtime for cloud, server, and desktop use cases. BellSoft's team believes that Java can be flexible and change as the world does. Thus, 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 takes 25 years of Java as the foundation and offers users what they want today. Since BellSoft greatly appreciates the role of Java SE in the success of the technology, all Liberica JDK binaries are TCK-verified to be compliant with the Java SE specification.

We consider technology standards to be very important in keeping Java and its community vibrant. Easily accessible technology standards for those working on the future of Java help the Java ecosystem thrive.

Besides OpenJDK, BellSoft provides the minimized and optimized Linux distribution, Alpaquita Linux, which was created to address Java pain points.

About Priorities

As an active member of the OpenJDK community, BellSoft strives to develop new, useful, and essential features in OpenJDK. For this, we look into what developers who use Java every day ask for, as well as what makes Java convenient and relevant.

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 apps, and we will continue doing so.

About Community

We greatly value the prospects of all Java engineers, which enables us to establish 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. It does not matter who provides insights regarding our product, be it a Java newcomer, a seasoned professional developer, an industry expert, or business representatives. For the team, all the information is priceless, because it helps us to improve Java every day. 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 co-founder 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.