About BellSoft

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 evolve new solutions with the community, while also preserving industry traditions and maintaining the highest quality standards. BellSoft takes the 25 years of Java as the foundation and offers users what they want today. Since BellSoft greatly appreciates the Java SE standard role 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, and easily accessible technology standards for those working on the future of Java help the Java ecosystem thrive.

About Priorities

Being an active member of the OpenJDK community, BellSoft strives to develop new, useful and essential areas 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, a while back, BellSoft's engineers understood that containerized JDK 9 was favored among users. Our company saw the big future 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 as small as 41.5 MB and JEP 386 targeted to JDK 16. We hope that this technology will be widely adopted in cloud deployments and microservices architecture. The smaller Alpine Linux containers are a breakthrough for the industry and much beloved by BellSoft's customers.

About Community

BellSoft has tight bonds with the European Java community, especially its Russian, CIS, and Baltic portions. Indeed, we highly value the perspectives 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 on our product: be it a Java

newcomer, seasoned professional developer, industry expert, or business representatives. For the team, all information is priceless as it helps us improve Java every day. We at BellSoft would 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 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 such 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. A Java developer since the earliest days of the technology, he started working with this language during his degree course at St. Petersburg State University. Throughout his career at Sun and Oracle, Aleksei worked with various JVMs and JSRs 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 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 presents at 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 that developers worldwide rely on.