Liberica Native Image Kit 23.0.10-1 (17.0.17+12)
Release Notes



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Introduction Chapter 1

1. Introduction

This document provides information about Liberica NIK release.

This particular version of Liberica NIK 23.0.10-1 is based on Liberica JDK 17.0.17+12.



Note:

For more information about Liberica JDK release, see <u>Liberica JDK Release Notes</u>.

Liberica Native Image Kit is a utility Based on GraalVM Open Source that is capable of converting your JVM-based application into a fully compiled native executable ahead-of-time under the closed-world assumption with an almost instant startup time.

Liberica NIK supports the following platforms:

- Linux x86_64 (glibc)
- Linux Alpine x86_64 (musl)
- Linux AArch64 (glibc)
- Linux Alpine AArch64 (musl)
- Mac OS x86_64
- Mac OS AArch64
- Windows x86_64

Liberica NIK distribution

Liberica NIK is distributed as .apk, .deb, .dmg, .msi, .pkg, .rpm, .tar.gz, and .zip packages. Please select the most appropriate for your purposes.

What's New Chapter 2

2. What's New

This release contains the following updates and new features.

Notable Issues

This release does not contain any notable issues. For the list of Liberica JDK notable issues, see <u>Liberica JDK Release Notes</u>

Language and framework versions

Liberica NIK 23.0.10 supports the following languages and frameworks:

| Component | Version |
|-------------|--|
| LLVM | 15.0.6 (GraalVM CE Native 23.0.10) |
| Python | 3.10.8 (GraalVM CE Native 23.0.10) |
| Node.js | 18.20.6 |
| Java | Liberica JDK 17.0.17+12 |
| Java Script | GraalVM JavaScript (GraalVM CE Native 23.0.10) |
| R | 4.0.3 (FastR) |
| TruffleRuby | 23.0.10 (Ruby 3.1.3) |

What's New Chapter 2

| Component | Version |
|--------------|--|
| Native Image | GraalVM version 23.0.10 (Liberica JDK 17.0.17+12, LTS) |
| Wasm | WebAssembly (GraalVM CE Native 23.0.10) |



Known Issues Chapter 3

3. Known Issues

This release does not contain any known issues. For the list of Liberica JDK known issues, see <u>Liberica JDK Release Notes</u>.



CVEs Chapter 4

4. CVEs

This is the list of the security issues fixed in this release. CVSS scores are provided using the CVSS version 3.1 scoring system.

| CVE ID | CVSS score | Component | Module | Attack Vector | Complexity | Privileges | User Interaction | Scope | Confidentiality | Integrity | Availability |
|----------------|------------|---------------|---------------|---------------|------------|------------|------------------|-----------|-----------------|-----------|--------------|
| CVE-2025-53057 | 5.9 | security-libs | java.security | network | high | none | none | unchanged | none | high | none |
| CVE-2025-53066 | 4.8 | xml | jaxp | network | high | none | none | unchanged | low | none | low |



Resolved Issues Chapter 5

5. Resolved Issues

This release does not contain any fixed issues. For the list of Liberica JDK fixed issues, see <u>Liberica JDK Release Notes</u>.



6. Upgrading to the New Version

To keep your Liberica NIK up-to-date and secure, always upgrade to the newest available version once it is released. To upgrade, install the new version over the previous one. For the installation instructions, see <u>Liberica NIK Installation Guide</u>.





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