

# Liberica JDK 17.0.11+10

## Release Notes



Liberica JDK  
17.0.11  
April 16, 2024

**be//soft**

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# 1. Introduction

This document provides the late-breaking information about Liberica JDK 17.0.11 release.

The full version string for this update release is 17.0.11+10. The version number is 17.

## 2. Liberica JDK 17.0.11+10

Liberica is a certified, Java SE 17-compliant distribution of OpenJDK 17, which works on server (Linux x86\_64, Linux ARM64, Windows 64), desktop (Windows 64, Mac, Linux x86\_64), and embedded devices (Linux ARM64, Linux ARMv7, including Raspberry Pi 2 & 3 (ARMv6 hardfloat)). It has the following notable additions:

- Linux x86\_64 version contains support for ZGC.
- Linux x86\_64, ARMv8 and ARMv7 distributions include a choice of Client VM, Server VM and Minimal VM.
- Alpine Linux x86\_64 and aarch64 are built with musl support.
- Windows x86\_64, Windows ARMv8, Mac, Linux x86\_64, and Linux ARMv7 distributions contain OpenJFX 17.
- Linux ARMv7 distribution contains Device IO API compiled for Raspberry Pi.

Refer to the Oracle JDK 17.0.11 release notes for further information on JDK 17 features. This document further outlines the peculiarities of Liberica distribution as compared to Oracle JDK 17 distribution.

## 3. Liberica JDK 17 distribution

Liberica JDK 17 is distributed as .rpm, .zip, .deb and .tar.gz packages. Please select the most appropriate for your purposes.

Liberica JDK 17 introduced all [new features](#) supported by OpenJDK 17.

With the introduction of the Jigsaw feature in JDK 9 and Minimal VM it is now possible to create a Runtime that is sufficient to run your application and trim down the size of the Runtime. To generate a Runtime with just the Minimal VM, add `--vm=minimal` to jlink options.

By default, the Liberica uses Server VM. Server VM and Client VM can be enabled with `-server` and `-client` command line options, respectively. In case the deployment requires minimizing the footprint, it may be beneficial to use Minimal VM, which emphasis is a minimal footprint. It has C1 JIT compiler only, Serial GC and no serviceability features.

# 4. Security Baselines

BellSoft Liberica follows the security baselines for Oracle Java SE. Please refer to the Oracle documentation for a list of issues fixed in a given release.



# 5. Known Issues

This release does not contain any known issues.

## 6. 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-2023-41993	7.5	javafx	web	network	high	none	required	unchanged	high	high	high
CVE-2024-21002	2.5	javafx	graphics	local	high	none	required	unchanged	none	low	none
CVE-2024-21003	3.1	javafx	graphics	network	high	none	required	unchanged	none	low	none
CVE-2024-21004	2.5	javafx	window-toolkit	local	high	none	required	unchanged	none	low	none
CVE-2024-21005	3.1	javafx	graphics	network	high	none	required	unchanged	none	low	none
CVE-2024-21011	3.7	hotspot	runtime	network	high	none	none	unchanged	none	none	low
CVE-2024-21012	3.7	core-libs	java.net	network	high	none	none	unchanged	none	low	none
CVE-2024-21068	3.7	hotspot	compiler	network	high	none	none	unchanged	none	low	none
CVE-2024-21094	3.7	hotspot	compiler	network	high	none	none	unchanged	none	low	none

# 7. Notable Issues

This is the list of the notable issues fixed in this release.

Issue ID	
JDK-8205076	<p>Summary: <code>Inet6AddressImpl.c: lookupIfLocalHost</code> accesses <code>int InetAddress.preferIPv6Address</code> as a boolean</p> <p>Description: This bug was fixed by explicitly checking against the <code>PREFER_IPV6_VALUE</code>, like post JDK 18 code does.</p>
JDK-8317960	<p>Summary: Excessive CPU usage on <code>AbstractQueuedSynchronized.isEnqueued</code></p> <p>Description: This fix brings the <code>AbstractQueuedSynchronizer</code> related changes from JDK-8277090 to fix a performance issue that can happen in JDK17.</p>
JDK-8320374	<p>Summary: Add an approximation of total bytes allocated on the Java heap by the JVM</p> <p>Description: A new <code>com.sun.management.ThreadMXBean</code> method <code>getAllThreadAllocatedBytes()</code> was introduced that, if both <code>isAllocatedThreadMemorySupported()</code> and <code>isThreadAllocatedMemoryEnabled()</code> are true, returns an approximation of the total number of bytes allocated in the Java heap by the JVM process.</p>
JDK-8321469	<p>Summary: <code>jspawnhelper</code> must close its writing side of a pipe before reading from it</p> <p>Description: <code>jspawnhelper</code> now closes its writing end of the pipe, which connects it to the parent Java process, before starting to read from that pipe such that reading from the pipe can immediately return with EOF if the parent process terminates abnormally.</p>

## Issue ID

JDK-8321934      Summary: Type annotations are not visible to javac plugins across compilation boundaries

Description: The implementation of `TypeMirror` now provides access to annotations for types loaded from bytecode. Annotation processors can access type annotations for elements using `AnnotationMirror#getAnnotationMirrors`, and the annotations will be included in the output of `AnnotationMirror#toString`.

JDK-8324056      Summary: Update XML Security for Java to 3.0.2

Description: The XML Signature implementation has been updated to Santuario 3.0.2. The main, new feature is support for EdDSA. We recommend avoiding the use of the `here()` function in new signatures and replacing existing signatures that use the `here()` function.

JDK-8324218      Summary: Update XML Security for Java to 3.0.3

Description: The XML Signature implementation has been updated to Santuario 3.0.3. Support for four new SHA-3 based RSA-MGF1 `SignatureMethod` algorithms have been added:  
`SignatureMethod.SHA3_224_RSA_MGF1`,  
`SignatureMethod.SHA3_256_RSA_MGF1`,  
`SignatureMethod.SHA3_384_RSA_MGF1`, and  
`SignatureMethod.SHA3_512_RSA_MGF1`.

JDK-8324670      Summary: Add `-proc:full` to describe current default annotation processing policy

Description: The `-proc:full` option was added to specify the current default policy of performing both annotation processing and subsequent compilation.

JDK-8326492      Summary: Add Certainly roots R1 and E1

Description: Certainly Root R1 CA certificate was added.

**Issue ID**

JDK-8327292

Summary: Test 'api/java\_awt/interactive/SystemTrayTests.html' failed because A blue ball icon is added outside of the system tray

Description: When pressing the 'Add tray icon' button, the blue ball icon is now added to the system tray.

# 8. Resolved Issues

## JDK issues

This is the list of general JDK issues fixed in this release.

Issue ID	Summary
JDK-6928542	Chinese characters in RTF are not decoded
JDK-7132796	[macosx] closed/javax/swing/JComboBox/4517214/bug4517214.java fails on MacOS
JDK-7148092	[macosx] When Alt+down arrow key is pressed, the combobox popup does not appear.
JDK-7167356	(javac) investigate failing tests in JavacParserTest
JDK-8054022	URLConnection timeouts with Expect: 100-Continue and no chunking
JDK-8054572	[macosx] JComboBox paints the border incorrectly
JDK-8169475	WheelModifier.java fails by timeout
JDK-8205076	[17u] InetAddressImpl.c: lookupIfLocalHost accesses int InetAddress.preferIPv6Address as a boolean
JDK-8209595	MonitorVmStartTerminate.java timed out
JDK-8210410	Refactor java.util.Currency:i18n shell tests to plain java tests

Issue ID	Summary
JDK-8225377	type annotations are not visible to javac plugins across compilation boundaries
JDK-8261404	Class.getReflectionFactory() is not thread-safe
JDK-8261837	SIGSEGV in ciVirtualCallTypeData::translate_from
JDK-8263256	Test java/net/Inet6Address/serialize/Inet6AddressSerializationTest.java fails due to dynamic reconfigurations of network interface during test
JDK-8269258	java/net/httpclient/ManyRequestsLegacy.java failed with connection timeout
JDK-8271118	C2: StressGCM should have higher priority than frequency-based policy
JDK-8271616	oddPart in MutableBigInteger::mutableModInverse contains info on final result
JDK-8272811	Document the effects of building with _GNU_SOURCE in os_posix.hpp
JDK-8272853	improve JavadocTester.runTests
JDK-8273454	C2: Transform $(-a)*(-b)$ into $a*b$
JDK-8274060	C2: Incorrect computation after JDK-8273454
JDK-8274122	java/io/File/createTempFile/SpecialTempFile.java fails in Windows 11
JDK-8274621	NullPointerException because listenAddress[0] is null
JDK-8274632	Possible pointer overflow in PretouchTask chunk claiming
JDK-8274634	Use String.equals instead of String.compareTo in java.desktop
JDK-8276125	RunThese24H.java SIGSEGV in JfrThreadGroup::thread_group_id

Issue ID	Summary
JDK-8278028	[test-library] Warnings cleanup of the test library
JDK-8278312	Update SimpleSSLContext keystore to use SANs for localhost IP addresses
JDK-8278363	Create extended container test groups
JDK-8280241	(aio) AsynchronousSocketChannel init fails in IPv6 only Windows env
JDK-8281377	Remove vmTestbase/nsk/monitoring/ThreadMXBean/ThreadInfo/Deadlock/JavaDeadlock001/TestDescription.java from problemist.
JDK-8281543	Remove unused code/headerfile dtraceAttacher.hpp
JDK-8281585	Remove unused imports under test/lib and jtreg/gc
JDK-8283400	[macos] a11y : Screen magnifier does not reflect JRadioButton value change
JDK-8283626	AArch64: Set relocInfo::offset_unit to 4
JDK-8283994	Make Xerces DatatypeException stackless
JDK-8286312	Stop mixing signed and unsigned types in bit operations
JDK-8286846	test/jdk/javax/swing/plaf/aqua/CustomComboBoxFocusTest.java fails on mac aarch64
JDK-8287832	jdk/jfr/event/runtime/TestActiveSettingEvent.java failed with "Expected two batches of Active Setting events"
JDK-8288663	JFR: Disabling the JfrThreadSampler commits only a partially disabled state
JDK-8288846	misc tests fail "assert(ms < 1000) failed: Un-interruptable sleep, short time use only"



Issue ID	Summary
JDK-8289764	gc/lock tests failed with "OutOfMemoryError: Java heap space: failed reallocation of scalar replaced objects"
JDK-8290041	ModuleDescriptor.hashCode is inconsistent
JDK-8290203	ProblemList vmTestbase/nsk/jvmti/scenarios/capability/CM03/cm03t001/TestDescription.java on linux-all
JDK-8290399	[macos] Aqua LAF does not fire an action event if combo box menu is displayed
JDK-8292458	Atomic operations on scoped enums don't build with clang
JDK-8292946	GC lock/jni/jnilock001 test failed "assert(gch→gc_cause() == GCCause::_scavenge_alot    !gch→incremental_collection_failed()) failed: Twice in a row"
JDK-8293117	Add atomic bitset functions
JDK-8293547	Add relaxed add_and_fetch for macos arch64 atomics
JDK-8294158	HTML formatting for PassFailJFrame instructions
JDK-8294254	[macOS] javax/swing/plaf/aqua/CustomComboBoxFocusTest.java failure
JDK-8294535	Add screen capture functionality to PassFailJFrame
JDK-8295068	SSL Engine throws NPE parsing CertificateRequests
JDK-8295124	Atomic::add to pointer type may return wrong value
JDK-8295274	HelidonAppTest.java fails "assert(event→should_commit()) failed: invariant" from compiled frame"

Issue ID	Summary
JDK-8296631	NSS tests failing on OL9 linux-aarch64 hosts
JDK-8297968	Crash in PrintOptoAssembly
JDK-8298087	XML Schema Validation reports an required attribute twice via ErrorHandler
JDK-8299494	Test vmTestbase/nsk/stress/except/except011.java failed: ExceptionInInitializerError: target class not found
JDK-8300269	The selected item in an editable JComboBox with titled border is not visible in Aqua LAF
JDK-8301306	java/net/httpclient/* fail with -Xcomp
JDK-8301310	The SendRawSysexMessage test may cause a JVM crash
JDK-8301787	java/net/httpclient/SpecialHeadersTest failing after JDK-8301306
JDK-8301846	Invalid TargetDataLine after screen lock when using JFileChooser or COM library
JDK-8302017	Allocate BadPaddingException only if it will be thrown
JDK-8302149	Speed up compiler/jsr292/methodHandleExceptions/TestAMENotNPE.java
JDK-8303605	Memory leaks in Metaspace gtests
JDK-8304074	[JMX] Add an approximation of total bytes allocated on the Java heap by the JVM
JDK-8304696	Duplicate class names in dynamicArchive tests can lead to test failure
JDK-8305356	Fix ignored bad CompileCommands in tests

Issue ID	Summary
JDK-8305900	Use loopback IP addresses in security policy files of httpclient tests
JDK-8305906	HttpClient may use incorrect key when finding pooled HTTP/2 connection for IPv6 address
JDK-8305962	update jcstress to 0.16
JDK-8305972	Update XML Security for Java to 3.0.2
JDK-8306014	Update javax.net.ssl TLS tests to use SSLContextTemplate or SSLEngineTemplate
JDK-8306408	Fix the format of several tables in building.md
JDK-8307185	pkcs11 native libraries make JNI calls into java code while holding GC lock
JDK-8307926	Support byte-sized atomic bitset operations
JDK-8307955	Prefer to PTRACE_GETREGSET instead of PTRACE_GETREGS in method 'ps_proc.c::process_get_lwp_regs'
JDK-8307990	jspawnhelper must close its writing side of a pipe before reading from it
JDK-8308043	Deadlock in TestCSLocker.java due to blocking GC while allocating
JDK-8308245	Add -proc:full to describe current default annotation processing policy
JDK-8308336	Test java/net/URLConnection/URLConnectionExpectContinueTest.java failed: java.net.BindException: Address already in use
JDK-8309302	java/net/Socket/Timeouts.java fails with AssertionError on test temporal post condition

Issue ID	Summary
JDK-8309305	sun/security/ssl/SSLSocketImpl/BlockedAsyncClose.java fails with jtreg test timeout
JDK-8309462	[AIX] vmTestbase/nsk/jvmti/RunAgentThread/agentthr001/TestDescription.java crashing due to empty while loop
JDK-8309733	[macOS, Accessibility] VoiceOver: Incorrect announcements of JRadioButton
JDK-8309870	Using -proc:full should be considered requesting explicit annotation processing
JDK-8310106	sun.security.ssl.SSLHandshake.getHandshakeProducer() incorrectly checks handshakeConsumers
JDK-8310238	[test bug] javax/swing/JTableHeader/6889007/bug6889007.java fails
JDK-8310380	Handle problems in core-related tests on macOS when codesign tool does not work
JDK-8310631	test/jdk/sun/nio/cs/TestCharsetMapping.java is spuriously passing
JDK-8310807	java/nio/channels/DatagramChannel/Connect.java timed out
JDK-8310838	Correct range notations in MethodTypeDesc specification
JDK-8310844	[AArch64] C1 compilation fails because monitor offset in OSR buffer is too large for immediate
JDK-8310923	Refactor Currency tests to use JUnit
JDK-8311081	KeytoolReaderP12Test.java fail on localized Windows platform

Issue ID	Summary
JDK-8311160	[macOS, Accessibility] VoiceOver: No announcements on JRadioButtonMenuItem and JCheckBoxMenuItem
JDK-8311581	Remove obsolete code and comments in TestLVT.java
JDK-8311645	Memory leak in jspawnhelper spawnChild after JDK-8307990
JDK-8311986	Disable runtime/os/TestTracePageSizes.java for ShenandoahGC
JDK-8312428	PKCS11 tests fail with NSS 3.91
JDK-8312434	SPECjvm2008/xml.transform with CDS fails with "can't seal package nu.xom"
JDK-8313081	MonitoringSupport_lock should be unconditionally initialized after 8304074
JDK-8313082	Enable CreateCoredumpOnCrash for testing in makefiles
JDK-8313206	PKCS11 tests silently skip execution
JDK-8313575	Refactor PKCS11Test tests
JDK-8313621	test/jdk/jdk/internal/math/FloatingDecimal/TestFloatingDecimal should use RandomFactory
JDK-8313643	Update HarfBuzz to 8.2.2
JDK-8313816	Accessing jmethodID might lead to spurious crashes
JDK-8314164	java/net/URLConnection/URLConnectionExpectContinueTest.java fails intermittently in timeout
JDK-8314220	Configurable InlineCacheBuffer size
JDK-8314830	runtime/ErrorHandling/ tests ignore external VM flags

Issue ID	Summary
JDK-8315034	File.mkdirs() occasionally fails to create folders on Windows shared folder
JDK-8315042	NPE in PKCS7.parseOldSignedData
JDK-8315594	Open source few headless Swing misc tests
JDK-8315600	Open source few more headless Swing misc tests
JDK-8315602	Open source swing security manager test
JDK-8315611	Open source swing text/html and tree test
JDK-8315680	java/lang/ref/ReachabilityFenceTest.java should run with -Xbatch
JDK-8315708	Enhance HTTP/2 client usage
JDK-8315731	Open source several Swing Text related tests
JDK-8315761	Open source few swing JList and JMenuBar tests
JDK-8315920	C2: "control input must dominate current control" assert failure
JDK-8315986	[macos14] javax/swing/JMenuItem/4654927/bug4654927.java: component must be showing on the screen to determine its location
JDK-8316001	GC: Make TestArrayAllocatorMallocLimit use createTestJym
JDK-8316028	Update FreeType to 2.13.2
JDK-8316030	Update Libpng to 1.6.40
JDK-8316106	Open source few swing JInternalFrame and JMenuBar tests

Issue ID	Summary
JDK-8316304	(fs) Add support for BasicFileAttributes.creationTime() for Linux
JDK-8316392	compiler/interpreter/TestVerifyStackAfterDeopt.java failed with SIGBUS in PcDescContainer::find_pc_desc_internal
JDK-8316414	C2: large byte array clone triggers "failed: malformed control flow" assertion failure on linux-x86
JDK-8316415	Parallelize sun/security/rsa/SignedObjectChain.java subtests
JDK-8316418	containers/docker/TestMemoryWithCgroupV1.java get OOM killed with Parallel GC
JDK-8316445	Mark com/sun/management/HotSpotDiagnosticMXBean/CheckOrigin.java as vm.flagless
JDK-8316679	C2 SuperWord: wrong result, load should not be moved before store if not comparable
JDK-8316693	Simplify at-requires checkDockerSupport()
JDK-8316929	Shenandoah: Shenandoah degenerated GC and full GC need to cleanup old OopMapCache entries
JDK-8316947	Write a test to check textArea triggers MouseEntered/MouseExited events properly
JDK-8317039	Enable specifying the JDK used to run jtreg
JDK-8317144	Exclude sun/security/pkcs11/sslecc/ClientJSSEServerJSSE.java on Linux ppc64le
JDK-8317307	test/jdk/com/sun/jndi/ldap/LdapPoolTimeoutTest.java fails with ConnectException: Connection timed out: no further information

Issue ID	Summary
JDK-8317507	C2 compilation fails with "Exceeded _node_regs array"
JDK-8317603	Improve exception messages thrown by sun.nio.ch.Net native methods (win)
JDK-8317771	[macos14] Expand/collapse a JTree using keyboard freezes the application in macOS 14 Sonoma
JDK-8317807	JAVA_FLAGS removed from jtreg running in JDK-8317039
JDK-8317960	[17u] Excessive CPU usage on AbstractQueuedSynchronized.isEnqueued
JDK-8318154	Improve stability of WheelModifier.java test
JDK-8318183	C2: VM may crash after hitting node limit
JDK-8318340	Improve RSA key implementations
JDK-8318410	jdk/java/lang/instrument/BootClassPath/BootClassPathTest.sh fails on Japanese Windows
JDK-8318468	compiler/tiered/LevelTransitionTest.java fails with -XX:CompileThreshold=100 -XX:TieredStopAtLevel=1
JDK-8318490	Increase timeout for JDK tests that are close to the limit when run with libgraal
JDK-8318562	Computational test more than 2x slower when AVX instructions are used
JDK-8318603	Parallelize sun/java2d/marlin/ClipShapeTest.java
JDK-8318607	Enable parallelism in vmTestbase/nsk/stress/jni tests
JDK-8318608	Enable parallelism in vmTestbase/nsk/stress/threads tests
JDK-8318689	jtreg is confused when folder name is the same as the test name



Issue ID	Summary
JDK-8318736	com/sun/jdi/JdwpOnThrowTest.java failed with "transport error 202: bind failed: Address already in use"
JDK-8318951	Additional negative value check in JPEG decoding
JDK-8318955	Add ReleaseIntArrayElements in Java_sun_awt_X11_XlibWrapper_SetBitmapShape XlbWrapper.c to early return
JDK-8318957	Enhance agentlib:jdwp help output by info about allow option
JDK-8318961	increase javacserver connection timeout values and max retry attempts
JDK-8318971	Better Error Handling for Jar Tool When Processing Non-existent Files
JDK-8318983	Fix comment typo in PKCS12Passwd.java
JDK-8319124	Update XML Security for Java to 3.0.3
JDK-8319213	Compatibility.java reads both stdout and stderr of JdkUtils
JDK-8319436	Proxy.newProxyInstance throws NPE if loader is null and interface not visible from class loader
JDK-8319456	jdk/jfr/event/gc/collection/TestGCCauseWith[Serial Parallel].java : GC cause 'GCLocker Initiated GC' not in the valid causes
JDK-8319668	Fixup of jar filename typo in BadFactoryTest.sh
JDK-8319851	Improve exception logging
JDK-8319922	libCreationTimeHelper.so fails to link in JDK 21
JDK-8319961	jvmtiEnvBase doesn't zero _ext_event_callbacks

Issue ID	Summary
JDK-8320001	javac crashes while adding type annotations to the return type of a constructor
JDK-8320168	handle setsockopt return values
JDK-8320208	Update Public Suffix List to b5bf572
JDK-8320300	Adjust hs_err output in malloc/mmap error cases
JDK-8320363	ppc64 TypeEntries::type_unknown logic looks wrong, missed optimization opportunity
JDK-8320597	RSA signature verification fails on signed data that does not encode params correctly
JDK-8320798	Console read line with zero out should zero out underlying buffer
JDK-8320885	Bump update version for OpenJDK: jdk-17.0.11
JDK-8320921	GHA: Parallelize hotspot_compiler test jobs
JDK-8320937	support latest VS2022 MSC_VER in abstract_vm_version.cpp
JDK-8321151	JDK-8294427 breaks Windows L&F on all older Windows versions
JDK-8321215	Incorrect x86 instruction encoding for VSIB addressing mode
JDK-8321408	Add Certainly roots R1 and E1
JDK-8321480	ISO 4217 Amendment 176 Update
JDK-8321599	Data loss in AVX3 Base64 decoding

Issue ID	Summary
JDK-8321815	Shenandoah: gc state should be synchronized to java threads only once per safepoint
JDK-8321972	test runtime/Unsafe/InternalErrorTest.java timeout on linux-riscv64 platform
JDK-8322098	os::Linux::print_system_memory_info enhance the THP output with /sys/kernel/mm/transparent_hugepage/hpage_pmd_size
JDK-8322122	Enhance generation of addresses
JDK-8322321	Add man page doc for -XX:+VerifySharedSpaces
JDK-8322417	Console read line with zero out should zero out when throwing exception
JDK-8322583	RISC-V: Enable fast class initialization checks
JDK-8322725	(tz) Update Timezone Data to 2023d
JDK-8322750	Test "api/java_awt/interactive/SystemTrayTests.html" failed because A blue ball icon is added outside of the system tray
JDK-8322772	Clean up code after JDK-8322417
JDK-8322783	prioritize /etc/os-release over /etc/SuSE-release in hs_err/info output
JDK-8322883	[BACKOUT] 8225377: type annotations are not visible to javac plugins across compilation boundaries
JDK-8322968	[17u] Amend Atomics gtest with 1-byte tests
JDK-8322985	[BACKOUT] 8318562: Computational test more than 2x slower when AVX instructions are used
JDK-8323008	filter out harmful -std* flags added by autoconf from CXX

Issue ID	Summary
JDK-8323021	Shenandoah: Encountered reference count always attributed to first worker thread
JDK-8323086	Shenandoah: Heap could be corrupted by oom during evacuation
JDK-8323243	JNI invocation of an abstract instance method corrupts the stack
JDK-8323331	fix typo hpage_pdm_size
JDK-8323428	Shenandoah: Unused memory in regions compacted during a full GC should be mangled
JDK-8323515	Create test alias "all" for all test roots
JDK-8323637	Capture hotspot replay files in GHA
JDK-8323640	[TESTBUG]testMemoryFailCount in jdk/internal/platform/docker/TestDockerMemoryMetrics.java always fail because OOM killed
JDK-8323806	[17u] VS2017 build fails with warning after 8293117.
JDK-8324184	Windows VS2010 build failed with "error C2275: 'int64_t'"
JDK-8324280	RISC-V: Incorrect implementation in VM_Version::parse_satp_mode
JDK-8324347	Enable "maybe-uninitialized" warning for FreeType 2.13.1
JDK-8324514	ClassLoaderData::print_on should print address of class loader
JDK-8324647	Invalid test group of lib-test after JDK-8323515
JDK-8324659	GHA: Generic jtreg errors are not reported

Issue ID	Summary
JDK-8324937	GHA: Avoid multiple test suites per job
JDK-8325096	Test java/security/cert/CertPathBuilder/akiExt/AKISerialNumber.java is failing
JDK-8325150	(tz) Update Timezone Data to 2024a
JDK-8325585	Remove no longer necessary calls to set/unset-in-asgct flag in JDK 17
JDK-8326000	Remove obsolete comments for class sun.security.ssl.SunJSSE
JDK-8327036	[macosx-aarch64] SIGBUS in MarkActivationClosure::do_code_blob reached from Unsafe_CopySwapMemory0
JDK-8327391	Add SipHash attribution file

## JFX issues

This is the list of JFX issues fixed in this release.

Issue ID	Summary
JDK-8221261	Deadlock on macOS in JFXPanel app when handling IME calls
JDK-8271398	GTK3 drag view image swaps red and blue color channels
JDK-8282386	JavaFX media stubs rely on libav.org
JDK-8309508	Possible memory leak in JPEG image loader
JDK-8313032	Enhanced handling of Glass

Issue ID	Summary
JDK-8313040	Enhanced Font handling
JDK-8313064	General enhancements of image handling
JDK-8313072	Enhanced handling of Fonts
JDK-8318386	Update Glib to 2.78.1
JDK-8318387	Update GStreamer to 1.22.6
JDK-8318614	Update WebKit to 617.1
JDK-8321722	Tab header flickering when dragging slowly other tabs and reordering uncompleted
JDK-8322236	Build failure after JDK-8313064
JDK-8322703	Intermittent crash in WebView in a JFXPanel from IME calls on macOS
JDK-8323829	Change javaFX release version to 17.0.11 in jfx17u
JDK-8324337	Cherry-pick WebKit 617.1 stabilization fixes
JDK-8325258	Additional WebKit 617.1 fixes from WebKitGTK 2.42.5
JDK-8326989	Text selection issues on WebView after WebKit 617.1
JDK-8327177	macOS: wrong GlobalRef deleted in GlassMenu



Liberica JDK 17.0.11+10  
Release Notes

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