Liberica JDK 11.0.24+9
Release Notes

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Contents

7. Upgrading to the New Version

1. Version information

This document provides information about Liberica JDK 11.0.24 release.

The full version string for this update release is 11.0.24+9. The version number is 11.

Liberica JDK 11 is distributed as `.apk`, `.rpm`, `.zip`, `.deb`, and `.tar.gz` packages. Please select the most appropriate for your purposes.

2. What's New

This release contains the following updates and new features.

Notable Changes

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

Issue ID	
JDK-8327449	Summary: Test 'api/java_awt/interactive/SystemTrayTests.html' failed because A blue ball icon was 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.
JDK-8330358	Summary: Disable DTLS 1.0 Description: The DTLS 1.0 is disabled by default.
JDK-8331750	Summary: JDK-8259530 was not backported correctly to 11 Description: In the original commit, the '--legal-notices' option was declared using the extended XOption class. However, when backporting to Java 11 in https://github.com/openjdk/jdk11u-dev/pull/1805, the standard Option class was mistakenly used.
JDK-8331770	Summary: Inconsistent behavior in com.sun.jndi.ldap.Connection::createSocket Description: SocketFactory now checks what socket is created. Unconnected sockets are not supported. If an unconnected socket is created, it throws a SocketException in SocketFactory::createSocket(). The documentation was also corrected.

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Issue ID	
JDK-8332682	Summary: Add GlobalSign 2 TLS root certificates
	Description: GlobalSign Root R46 and GlobalSign Root E46 root certificates were added.

Graal support in Liberica JDK 11

Liberica JDK continues to provide support for AOT and Graal JIT. Since in OpenJDK 11 builds these features are deemed experimental and deprecated, it is recommended to compile native executables with Liberica Native Image Kit to avoid errors.

IANA TZ Data update

This release of Liberica JDK 11.0.24 comes with IANA Time Zone Database version 2024b. The following are the main changes in this update:

```
Improve historical data for Mexico, Mongolia, and Portugal.
System V names are now obsolescent.
The main data form now uses %z.
The code now conforms to RFC 8536 for early timestamps.
Support POSIX.1-2024, which removes asctime_r and ctime_r.
Assume POSIX.2-1992 or later for shell scripts.
SUPPORT_C89 now defaults to 1.
```

3. Known Issues

This release does not contain any known issues.

4. Fixed 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-2024-21131	3.7	hotspot	runtime	network	high	none	none	unchanged	none	low	none
CVE-2024-21138	3.7	hotspot	runtime	network	high	none	none	unchanged	none	none	low
CVE-2024-21140	4.8	hotspot	compiler	network	high	none	none	unchanged	low	low	none
CVE-2024-21144	3.7	core-libs	java.util	network	high	none	none	unchanged	none	none	low
CVE-2024-21145	4.8	client-libs	2d	network	high	none	none	unchanged	low	low	none
CVE-2024-21147	7.4	hotspot	compiler	network	high	none	none	unchanged	high	high	none

5. Resolved Issues

JDK issues

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

Issue ID	Summary
JDK-8015739	Background of JInternalFrame is located out of JInternalFrame
JDK-8042380	Test javax/swing/JFileChooser/4524490/bug4524490.java fails with InvocationTargetException
JDK-8061729	Update java/net tests to eliminate dependency on sun.net.www.MessageHeader and some other internal APIs
JDK-8158048	Fix failure message from jtreg gtest wrapper
JDK-8159927	Add a test to verify JMOD files created in the images do not have debug symbols
JDK-8163921	HttpURLConnection default Accept header is malformed according to HTTP/1.1 RFC
JDK-8187759	Background not refreshed when painting over a transparent JFrame
JDK-8210988	Improved handling of compiler warnings in the build
JDK-8214400	Update hotspot application/jcstress jtreg tests wrappers to use jcstress 0.5
JDK-8218917	KeyEvent.getModifiers() returns inconsistent values for ALT keys

Issue ID	Summary	
JDK-8220202	Simplify/standardize method naming for HtmlTree	
JDK-8231351	Add notes for PKCS11 tests in the test doc	
JDK-8241951	SA core file tests failed to find core file for signed binaries on OSX 10.15	
JDK-8243010	Test support: Customizable Hex Printer	
JDK-8248194	Need better support for running SA tests on core files	
JDK-8248667	Need support for building native libraries located in the test/lib directory	
JDK-8253980	javax/swing/plaf/synth/7158712/bug7158712.java fails on windows	
JDK-8255031	Update java/util/prefs/AddNodeChangeListener.java to report more failure info	
JDK-8256660	Disable DTLS 1.0	
JDK-8261404	Class.getReflectionFactory() is not thread-safe	
JDK-8263659	Reflow GTestResultParser for better readability	
JDK-8263940	NPE when creating default file system when default file system provider is packaged as JAR file on class path	
JDK-8264152	javax/net/ssl/DTLS/RespondToRetransmit.java timed out	
JDK-8267796	vmTestbase/nsk/jvmti/scenarios/hotswap/HS201/hs201t002/TestDescription.java fails with NoClassDefFoundError	
JDK-8267938	(sctp) SCTP channel factory methods should check platform support	

Issue ID	Summary
JDK-8268974	GetJREPath() JLI function fails to locate libjava.so if not standard Java launcher is used
JDK-8269258	java/net/httpclient/ManyRequestsLegacy.java failed with connection timeout
JDK-8270199	Most SA tests are skipped on macosx-aarch64 because all executables are signed
JDK-8271142	package help is not displayed for missing X11/extensions/Xrandr.h
JDK-8273153	Consolidate file_exists into os:file_exists
JDK-8273831	PrintServiceLookup spawns 2 threads in the current classloader, getting orphaned
JDK-8276125	RunThese24H.java SIGSEGV in JfrThreadGroup::thread_group_id
JDK-8280546	Remove hard-coded 127.0.0.1 loopback address
JDK-8281507	Two javac tests have bad jtreg `@clean` tags
JDK-8282017	sun/net/www/protocol/https/HttpsURLConnection/B6216082.java fails with "SocketException: Unexpected end of file from server"
JDK-8283349	Robustness improvements to java/util/prefs/AddNodeChangeListener.jar
JDK-8286705	GCC 12 reports use-after-free potential bugs
JDK-8290203	ProblemList vmTestbase/nsk/jvmti/scenarios/capability/CM03/cm03t001/TestDescription.java on linux-all
JDK-8292716	Configure should check that jtreg is of the required version

Issue ID	Summary
JDK-8292717	Clean up checking of testing requirements in configure
JDK-8292763	JDK-8292716 breaks configure without jtreg
JDK-8293563	[macos-aarch64] SA core file tests failing with sun.jvm.hotspot.oops.UnknownOopException
JDK-8293887	AArch64 build failure with GCC 12 due to maybe-uninitialized warning in libfdlibm k_rem_pio2.c
JDK-8293965	Code signing warnings after JDK-8293550
JDK-8294137	Review running times of java.math tests
JDK-8294156	Allow PassFailJFrame.Builder to create test UI
JDK-8295343	sun/security/pkcs11 tests fail on Linux RHEL 8.6 and newer
JDK-8297082	Remove sun/tools/jhsdb/BasicLauncherTest.java from problem list
JDK-8297449	Update JInternalFrame Metal Border code
JDK-8297798	Timeout with DTLSOverDatagram test template
JDK-8299023	TestPLABResize.java and TestPLABPromotion.java are failing intermittently
JDK-8299677	Formatter.format might take a long time to format an integer or floating-point
JDK-8299858	[Metrics] Swap memory limit reported incorrectly when too large
JDK-8302069	javax/management/remote/mandatory/notif/NotifReconnectDeadlockTest.java update
JDK-8302512	Update IANA Language Subtag Registry to Version 2023-02-14

Issue ID	Summary
JDK-8303466	C2: failed: malformed control flow. Limit type made precise with MaxL/MinL
JDK-8304761	Update IANA Language Subtag Registry to Version 2023-03-22
JDK-8305645	System Tray icons get corrupted when Windows primary monitor changes
JDK-8305874	Open source AWT Key, Text Event related tests
JDK-8305931	jdk/jfr/jcmd/TestJcmdDumpPathToGCRoots.java failed with "Expected chains but found none"
JDK-8305942	Open source several AWT Focus related tests
JDK-8305943	Open source few AWT Focus related tests
JDK-8305962	update jcstress to 0.16
JDK-8306031	Update IANA Language Subtag Registry to Version 2023-04-13
JDK-8306067	Open source AWT Graphics,GridBagLayout related tests
JDK-8306634	Open source AWT Event related tests
JDK-8306714	Open source few Swing event and AbstractAction tests
JDK-8306838	GetGraphicsTest needs to be headful
JDK-8306941	Open source several datatransfer and dnd AWT tests
JDK-8307083	Open source some drag and drop tests 3
JDK-8307955	Prefer to PTRACE_GETREGSET instead of PTRACE_GETREGS in method 'ps_proc.c::process_get_lwp_regs'

Issue ID	Summary
JDK-8308021	Update IANA Language Subtag Registry to Version 2023-05-11
JDK-8310380	Handle problems in core-related tests on macOS when codesign tool does not work
JDK-8310818	Refactor more Locale tests to use JUnit
JDK-8310923	Refactor Currency tests to use JUnit
JDK-8312194	test/hotspot/jtreg/applications/ctw/modules/jdk_crypto_ec.java cannot handle empty modules
JDK-8312383	Log X509ExtendedKeyManager implementation class name in TLS/SSL connection
JDK-8313206	PKCS11 tests silently skip execution
JDK-8313702	Update IANA Language Subtag Registry to Version 2023-08-02
JDK-8314220	Configurable InlineCacheBuffer size
JDK-8314283	Support for NSS tests on aarch64 platforms
JDK-8314495	Update to use jtreg 7.3.1
JDK-8314552	Fix javadoc tests to work with jtreg 7
JDK-8314794	Improve UTF8 String supports
JDK-8314830	runtime/ErrorHandling/ tests ignore external VM flags
JDK-8315071	Modify TrayIconScalingTest.java, PrintLatinCJKTest.java to use new PassFailJFrame's builder pattern usage

Issue ID	Summary
JDK-8315117	Update Zlib Data Compression Library to Version 1.3
JDK-8315609	Open source few more swing text/html tests
JDK-8315663	Open source misc awt tests
JDK-8315677	Open source few swing JFileChooser and other tests
JDK-8315726	Open source several AWT applet tests
JDK-8315741	Open source few swing JFormattedTextField and JPopupMenu tests
JDK-8315824	Open source several Swing Text/HTML related tests
JDK-8315834	Open source several Swing JSpinner related tests
JDK-8315889	Open source several Swing HTMLDocument related tests
JDK-8316017	Refactor timeout handler in PassFailJFrame
JDK-8316053	Open some swing tests 3
JDK-8316138	Add GlobalSign 2 TLS root certificates
JDK-8316142	Enable parallelism in vmTestbase/nsk/monitoring/stress/lowmem tests
JDK-8316154	Opensource JTextArea manual tests
JDK-8316164	Opensource JMenuBar manual test
JDK-8316242	Opensource SwingGraphics manual test
JDK-8316608	Enable parallelism in vmTestbase/gc/vector tests

Issue ID	Summary
JDK-8317287	[macos14] InterJVMGetDropSuccessTest.java: Child VM: abnormal termination
JDK-8317507	C2 compilation fails with "Exceeded _node_regs array"
JDK-8318322	Update IANA Language Subtag Registry to Version 2023-10-16
JDK-8318580	"javax/swing/MultiMonitor/MultimonVImage.java failing with Error. Can't find library: /open/test/jdk/java/awt/regtesthelpers" after JDK-8316053
JDK-8318599	HttpURLConnection cache issues leading to crashes in JGSS w/ native GSS introduced by 8303809
JDK-8318727	Enable parallelism in vmTestbase/vm/gc/concurrent tests
JDK-8318809	java/util/concurrent/ConcurrentLinkedQueue/WhiteBox.java shows intermittent failures on linux ppc64le and aarch64
JDK-8318854	[macos14] Running any AWT app prints Secure coding warning
JDK-8319128	sun/security/pkcs11 tests fail on OL 7.9 aarch64
JDK-8319136	Skip pkcs11 tests on linux-aarch64
JDK-8319436	Proxy.newProxyInstance throws NPE if loader is null and interface not visible from class loader
JDK-8319859	Better symbol storage
JDK-8320005	Allow loading of shared objects with .a extension on AIX
JDK-8320097	Improve Image transformations
JDK-8320113	[macos14] : ShapeNotSetSometimes.java fails intermittently on macOS 14

Issue ID	Summary
JDK-8320129	"top" command during jtreg failure handler does not display CPU usage on OSX
JDK-8320303	Allow PassFailJFrame to accept single window creator
JDK-8320342	Use PassFailJFrame for TruncatedPopupMenuTest.java
JDK-8320548	Improved loop handling
JDK-8320943	Files/probeContentType/Basic.java fails on latest Windows 11 - content type mismatch
JDK-8321489	Update LCMS to 2.16
JDK-8321925	sun/security/mscapi/KeytoolChangeAlias.java fails with "Alias <246810> does not exist"
JDK-8322106	Enhance Pack 200 loading
JDK-8322239	[macos] a11y : java.lang.NullPointerException is thrown when focus is moved on the JTabbedPane
JDK-8322511	[11u] JfrCheckpointThreadClosure::do_thread crashes when fetching thread_id
JDK-8322783	prioritize /etc/os-release over /etc/SuSE-release in hs_err/info output
JDK-8323231	Improve array management
JDK-8323390	Enhance mask blit functionality
JDK-8323717	Introduce test keyword for tests that need external dependencies
JDK-8323994	gtest runner repeats test name for every single gtest assertion

Issue ID	Summary
JDK-8324238	[macOS] java/awt/Frame/ShapeNotSetSometimes/ShapeNotSetSometimes.java fails with the shape has not been applied msg
JDK-8324559	Improve 2D image handling
JDK-8324598	use mem_unit when working with sysinfo memory and swap related information
JDK-8324632	Update Zlib Data Compression Library to Version 1.3.1
JDK-8324723	GHA: Upgrade some actions to avoid deprecated Node 16
JDK-8324733	[macos14] Problem list tests which fail due to macOS bug described in JDK-8322653
JDK-8325137	com/sun/management/ThreadMXBean/ThreadCpuTimeArray.java can fail in Xcomp with out of expected range
JDK-8325326	[PPC64] Don't relocate in case of allocation failure
JDK-8325579	Inconsistent behavior in com.sun.jndi.ldap.Connection::createSocket
JDK-8325600	Better symbol storage
JDK-8325972	Add -x to bash for building with LOG=debug
JDK-8326006	Allow TEST_VM_FLAGLESS to set flagless mode
JDK-8326101	[PPC64] Need to bailout cleanly if creation of stubs fails when code cache is out of space
JDK-8326201	[S390] Need to bailout cleanly if creation of stubs fails when code cache is out of space

Issue ID	Summary
JDK-8326351	Update the Zlib version in open/src/java.base/share/legal/zlib.md to 1.3.1
JDK-8326521	JFR: CompilerPhase event test fails on windows 32 bit
JDK-8326529	JFR: Test for CompilerCompile events fails due to time out
JDK-8326591	New test JmodExcludedFiles.java fails on Windows when --with-external -symbols-in-bundles=public is used
JDK-8326638	Crash in PhaseIdealLoop::remix_address_expressions due to unexpected Region instead of Loop
JDK-8326643	JDK server does not send a dummy change_cipher_spec record after HelloRetryRequest message
JDK-8326661	sun/java2d/cmm/ColorConvertOp/ColConvTest.java assumes profiles were generated by LCMS
JDK-8326801	Bump update version for OpenJDK: jdk-11.0.24
JDK-8326891	Prefer RPATH over RUNPATH for $ORIGIN rpaths in internal JDK binaries
JDK-8326938	[11u] JDK-8214908 broke two CTW tests
JDK-8327136	javax/management/remote/mandatory/notif/NotifReconnectDeadlockTest.java fails on libgraal
JDK-8327413	Enhance compilation efficiency
JDK-8328194	Add a test to check default rendering engine
JDK-8328524	[x86] StringRepeat.java failure on linux-x86: Could not reserve enough space for 2097152KB object heap

Issue ID	Summary
JDK-8328540	test javax/swing/JSplitPane/4885629/bug4885629.java fails on windows hidpi
JDK-8328705	GHA: Cross-compilation jobs do not require build JDK
JDK-8328812	Update and move siphash license
JDK-8328825	Google CAInterop test failures
JDK-8331643	[11u]: Bump GHA bootstrap JDK to 11.0.23
JDK-8331750	[11u] JDK-8259530 is not backported correctly to 11u
JDK-8331790	[11u] Remove problemlist entries after backport of JDK-8228649
JDK-8334441	Mark tests in jdk_security_infra group as manual

JFX issues

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

Issue ID	Summary
JDK-8087368	java runtime environment error when trying to execute showAndWait() function
JDK-8087673	[TableView] TableView and TreeTableView menu button overlaps columns when using a constrained resize policy.
JDK-8087700	[KeyCombination, Mac] KeyCharacterCombinations behave erratically

Issue ID	Summary
JDK-8150709	Mac OSX and German Keyboard Layout (Y/Z)
JDK-8159048	Animation and AnimationTimer methods must be called on JavaFX Application thread
JDK-8181084	JavaFX show big icons in system menu on macOS with Retina display
JDK-8185831	Pseudo selectors do not appear to work in Node.lookupAll()
JDK-8187145	(Tree)TableView with null selectionModel: throws NPE on sorting
JDK-8189282	JavaFX: Invalid position of candidate pop-up of InputMethod in Hi-DPI on Windows
JDK-8201538	Remove implementation support for applets from JavaFX
JDK-8214508	[TestBug] [Canvas] Add missing test image
JDK-8220722	ProgressBarSkin: adds strong listener to control's width property
JDK-8221261	Deadlock on macOS in JFXPanel app when handling IME calls
JDK-8222209	JavaFX is rendered blurry on systems with monitors in different configuration
JDK-8235833	PosixPlatform.cpp should not include sysctl.h
JDK-8245919	Region#padding property rendering error
JDK-8248914	Javafx TextField positions the cursor incorrectly after pressing DEL key
JDK-8254126	the position of Chinese Input Method candidates window is wrong
JDK-8255835	[macOS] Undecorated stage cannot be maximized

Issue ID	Summary
JDK-8260342	FXMLLoader fails to load a sub layout using fx:include with the resources attribute
JDK-8262518	SwingNode.setContent does not close previous content, resulting in memory leak
JDK-8269921	TextFlow: listeners on bounds can throw NPE while computing text bounds
JDK-8274932	Render scales in EmbeddedWindow are not properly updated
JDK-8282290	TextField Cursor Position one off
JDK-8283401	ArrayIndexOutOfBoundsException when disconnecting screen(s)
JDK-8283675	Line not removed from LineChart when series cleared
JDK-8284445	macOS 12 prints a warning when a function key shortcut is assigned to a menu
JDK-8284542	[Accessibility] [Win] Missing attribute for toggle state of CheckBox in CheckBoxTreeItem
JDK-8284544	[Win] Name-Property of Spinner cannot be changed
JDK-8292922	[Linux] No more drag events when new Stage is created in drag handler
JDK-8293836	Rendering performance degradation at bottom of TableView with many rows
JDK-8295078	TextField blurry when inside an TitledPane → AnchorPane
JDK-8296413	Tree/TableView with null focus model throws NPE in queryAccessibleAttribute()
JDK-8296590	StraightLineTest fails always on Linux and sometimes on other platforms

Issue ID	Summary	
JDK-8298496	IconifyTest fails intermittently on Linux	
JDK-8299968	Second call to Stage.setScene() create sizing issue with uiScale > 1.0	
JDK-8301219	JavaFX crash when closing with the escape key	
JDK-8301763	Adding children to wrong index leaves inconsistent state in Parent#childrenSet	
JDK-8301893	IME window position is off on secondary screen	
JDK-8305675	[macos] Stage set to iconified before being shown is displayed on screen	
JDK-8306328	Update libFFI to 3.4.4	
JDK-8306447	Adding an element to a long existing list may cause the first visible element to jump	
JDK-8307536	FileAlreadyExistsException from NativeLibLoader when running concurrent applications with empty cache	
JDK-8308191	[macOS] VoiceOver decorations are shifted on second monitor	
JDK-8309374	Accessibility Focus Rectangle on ListItem is not drawn when ListView is shown for first time	
JDK-8310638	Filtering a TableView with a large number of items freezes the UI	
JDK-8310847	[Mac] Silence OpenGL deprecation warnings	
JDK-8310885	Width/height of window is not set after calling sizeToScene	
JDK-8311185	VirtualFlow jump when cellcount changes	

Issue ID	Summary
JDK-8311492	FontSmoothingType LCD produces wrong color when transparency is used
JDK-8313032	Enhanced handling of Glass
JDK-8313040	Enhanced Font handling
JDK-8313064	General enhancements of image handling
JDK-8313072	Enhanced handling of Fonts
JDK-8313321	Set minimum python version in WebKit cmake scripts
JDK-8313628	Column drag header, overlay and line are not correctly aligned
JDK-8313648	JavaFX application continues to show a black screen after graphic card driver crash
JDK-8313799	Remove lockItemOnEdit flag from (Tree)TableCell
JDK-8313856	Replace VLA with malloc in pango
JDK-8313900	Possible NULL pointer access in NativeAudioSpectrum and NativeVideoBuffer
JDK-8314141	Missing default for switch in CreateBitmap
JDK-8314149	Clipboard does inexact string comparison on mime type
JDK-8314266	Several test failures after fix for JDK-8159048
JDK-8315074	Possible null pointer access in native glass
JDK-8315317	Add test for JDK-8262518

Issue ID	Summary
JDK-8315870	icu fails to compile with Visual Studio 2022 17.6.5
JDK-8315958	Missing range checks in GlassPasteboard
JDK-8316419	[macos] Setting X/Y makes Stage maximization not work before show
JDK-8316518	javafx.print.Paper getWidth / getHeight rounds values, causing errors.
JDK-8316781	Legal, Monarch paper sizes are incorrect in javafx.print.Paper
JDK-8316892	Skip failing IconifyTestcanIconifyDecoratedStage on Linux
JDK-8317508	Provide media support for libavcodec version 60
JDK-8317836	FX nodes embedded in JFXPanel need to track component orientation
JDK-8318059	Typo is javafx.scene.Node.usesMirroring comment
JDK-8318386	Update Glib to 2.78.1
JDK-8318387	Update GStreamer to 1.22.6
JDK-8318388	Update libxslt to 1.1.39
JDK-8318614	Update WebKit to 617.1
JDK-8318624	API docs specify incorrect default value for nodeOrientation property
JDK-8318841	macOS: Memory leak with MenuItem when Menu.useSystemMenuBar(true) is used
JDK-8318984	Update to Xcode 14.3.1 on macOS

Issue ID	Summary
JDK-8319066	Application window not always activated in macOS 14 Sonoma
JDK-8319079	Missing range checks in decora
JDK-8319147	Add regression test for JDK-8317836
JDK-8319231	Unrecognized "minimum" key in .jcheck/conf causes /reviewers command to be ignored
JDK-8319669	[macos14] Running any JavaFX app prints Secure coding warning
JDK-8319762	Update to Visual Studio 2022 version 17.6.5 on Windows
JDK-8319996	Update to GCC 13.2.0 on Linux
JDK-8320267	WebView crashes on macOS 11 with WebKit 616.1
JDK-8320444	Column drag header is positioned wrong for nested columns
JDK-8320773	[macOS] All IME input blocked
JDK-8321722	Tab header flickering when dragging slowly other tabs and reordering uncompleted
JDK-8322215	[win] OS events that close the stage can cause Glass to reference freed memory
JDK-8322236	Build failure after JDK-8313064
JDK-8322251	[Linux] JavaFX is not displaying CJK on Ubuntu 23.10 and later
JDK-8322703	Intermittent crash in WebView in a JFXPanel from IME calls on macOS
JDK-8322795	CSS performance regression up to 10x

Issue ID	Summary
JDK-8323543	NPE when table items are set to null
JDK-8323879	constructor Path(Path) which takes another Path object fail to draw on canvas html
JDK-8323880	Caret rendered at wrong position in case of a click event on RTL text
JDK-8324233	Update JPEG Image Decoding Software to 9f
JDK-8324326	Update ICU4C to 74.2
JDK-8324337	Cherry-pick WebKit 617.1 stabilization fixes
JDK-8324658	Allow animation play/start/stop/pause methods to be called on any thread
JDK-8325154	resizeColumnToFitContent is slower than it needs to be
JDK-8325258	Additional WebKit 617.1 fixes from WebKitGTK 2.42.5
JDK-8325550	Grammatical error in AnchorPane.setLeftAnchor (and other setters) javadoc
JDK-8326989	Text selection issues on WebView after WebKit 617.1
JDK-8327177	macOS: wrong GlobalRef deleted in GlassMenu
JDK-8328749	Remove unused imports in javafx.web
JDK-8328752	Fix missing @Overrides in javafx.web
JDK-8329011	Update SQLite to 3.45.3
JDK-8329705	Add missing Application thread checks to platform specific a11y methods

Issue ID	Summary
JDK-8330462	StringIndexOutOfBoundException when typing anything into TextField
JDK-8331748	Update libxml2 to 2.12.6
JDK-8332539	Update libxml2 to 2.12.7

6. Updates to Third Party Libraries

This is the list of changes in the third party libraries.

Library	Full name	New Version	Module	JBS
LCMS	LittleCMS	2.16	java.desktop	JDK-8321489
Zlib	Zlib Data Compression Library	1.3.1	java.base	JDK-8324632

7. Upgrading to the New Version

To keep your Liberica JDK 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 Liberica JDK Installation Guide.

Liberica JDK 11.0.24+9
Release Notes