

# Ахіом JDK Pro 23+38

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# Содержание

1. Введение	5
-------------	---

---

2. Новое в этом выпуске	6
-------------------------	---

---

Важные исправления	6
--------------------	---

Версия IANA TZData	14
--------------------	----

3. Известные проблемы	15
-----------------------	----

---

4. Безопасность	16
-----------------	----

---

5. Дефекты, исправленные в этом выпуске	17
---	----

---

Исправления в JDK	17
-------------------	----

Исправления в JFX	170
-------------------	-----

6. Изменения в сторонних библиотеках	181
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# 1. Введение

В этом документе содержится информация о выпуске Axiom JDK Pro 23+38.

Axiom JDK Pro является Java SE 23-совместимым дистрибутивом OpenJDK 23, который работает на серверах (Linux x86\_64, Linux ARM64, Windows 64), настольных компьютерах (Windows 64, Mac OS x86\_64, Mac OS AArch64, Linux x86\_64) и встроенных устройствах (Linux ARM64, Linux ARMv7, включая Raspberry Pi 2 & 3 (ARMv6 hardfloat)).

Axiom JDK Pro 23 распространяется в виде файлов `.apk`, `.msi`, `.dmg`, `.deb`, `.rpm`, `.zip` и `.tar.gz`. Пожалуйста, выберите наиболее подходящий вам формат.

## 2. Новое в этом выпуске

Этот выпуск содержит следующие обновления и новые функции.

### Важные исправления

Следующий список содержит важные исправления для версии 23.

#### ID проблемы

JDK-8332261	<p>Резюме: Признание устаревшими и удаление методов <code>MulticastSocket.send(DatagramPacket, byte)</code> и <code>setTTL/getTTL</code> для <code>DatagramSocketImpl</code> и <code>MulticastSocket</code></p> <p>Описание: Следующие методы в <code>java.net.MulticastSocket</code> теперь устарели и будут удалены: <code>public byte getTTL()</code> выдает <code>IOException</code>; <code>public void setTTL(byte ttl)</code> выдает <code>IOException</code>; <code>public void send(DatagramPacket p, byte ttl)</code> выдает <code>IOException</code>. Аналогично, следующие методы в <code>java.net.DatagramSocketImpl</code> теперь устарели и будут удалены: <code>protected abstract void setTTL(byte ttl)</code> выдает <code>IOException</code>; <code>protected abstract byte getTTL()</code> выдает <code>IOException</code>.</p>
JDK-8332371	<p>Резюме: Улучшение взаимодействия JMX со старыми JDK после удаления делегирования субъекта</p> <p>Описание: Запуск <code>JConsole</code> из предыдущего JDK и присоединение к <code>jdk-23</code> (после <code>JDK-8326666</code>: Удалить функцию делегирования субъекта <code>Java Management Extension (JMX)</code>) вызывало пустую вкладку в <code>MBean</code>. Это исправление немного изменяет исправление, которое было в <code>JDK-8326666</code>, чтобы восстановить поддержку ненулевых массивов, содержащих нулевые субъекты, которые были удалены в <code>JDK-8326666</code>.</p>

## ID проблемы

JDK-8332457

Резюме: Изучение JDK-8294961 на предмет накладных расходов на запуск

Описание: JDK-8294961 изменил поведение и теперь используется API classfile для создания прокси-сервера отражения. Фактическая реализация ProxyGenerator ориентирована на производительность, однако она вызвала регрессии загрузки JDK. Модель класса ProxyGenerator.TEMPLATE создается статически, и каждый класс прокси преобразуется из шаблона. Исправление предназначено для изучения влияния генерации простого прокси на производительность и загрузку JDK (по сравнению с преобразованием прокси из шаблона). Сгенерированный прокси переносится из статической инициализации в загрузку CONDY.

JDK-8332478

Резюме: Методы RandomGeneratorFactory.create(long) и create(byte[]) теперь выдают UnsupportedOperationException вместо возврата к create()

Описание: В предыдущих выпусках RandomGeneratorFactory.create(long) откатывался, вызывая метод create() без аргументов, если базовый алгоритм не поддерживал long seed. Метод create(byte[]) работал аналогичным образом. Начиная с этого выпуска, эти методы выдавали UnsupportedOperationException, а не молча откатывались к create().

JDK-8332485

Резюме: Регрессия SPECjbb2005-ParGC после JDK-8328744

Описание: После фикса JDK-8328744 SPECjbb2005-ParGC показал регрессию, которая сохранилась в более поздних сборках: -1,3% SPECjbb2005-ParGC на macOS-aarch64. Это также, по-видимому, повлияло на бенчмарк на macOS-x64 и linux-aarch64.

JDK-8332494

Резюме: java/util/zip/EntryCount64k.java завершается ошибкой java.lang.RuntimeException: '\\A\\Z' отсутствует в stderr

Описание: stderr парсинг для java/util/zip/EntryCount64k.java был улучшен за счет игнорирования устаревших предупреждений. Тестирование негенерационного ZGC требует использования устаревшей опции.

## ID проблемы

JDK-8332495	<p>Резюме: java/util/logging/LoggingDeadlock2.java завершается с ошибкой <code>AssertionError: Some tests failed</code></p> <p>Описание: stderr парсинг для java/util/logging/LoggingDeadlock2.java был улучшен за счет игнорирования устаревших предупреждений. Тестирование ZGC без поколений требует использования устаревшей опции.</p>
JDK-8332512	<p>Резюме: Уточнение типа значения для <code>java.net.SocketOptions.SO_LINGER</code></p> <p>Описание: Документация для <code>java.net.SocketOptions.SO_LINGER</code> была обновлена для уточнения типа значения, которое это поле должно иметь при использовании в методах <code>SocketOptions.getOption()</code> и <code>SocketOptions.setOption()</code>.</p>
JDK-8332597	<p>Резюме: Удаление избыточных методов из API <code>j.l.classfile.ClassReader</code></p> <p>Описание: Методы <code>thisClassPos</code> и <code>skipAttributeHolder</code> были удалены из <code>java.lang.classfile.ClassReader</code>.</p>
JDK-8332614	<p>Резюме: Проверка типов <code>ConstantPool.entryByIndex</code> и <code>ClassReader.readEntryOrNull</code></p> <p>Описание: Добавлены <code>ConstantPool.entryByIndex</code> и <code>ClassReader.readEntryOrNull</code>; <code>ClassReader.utf8EntryByIndex</code> удален. Добавлены примечания API о <code>entryByIndex</code>, <code>readEntry</code> и <code>readEntryOrNull</code>, чтобы рекомендовать использовать методы с проверкой типов для доступа к константному пулу, если есть ограничение типа.</p>
JDK-8332653	<p>Резюме: Включение проверки с учетом регистра в <code>ssache</code> и <code>keytab</code> для поиска записей в Kerberos</p> <p>Описание: Новое свойство безопасности с именем <code>jdk.security.krb5.name.case.sensitive</code> было введено для управления сравнением имен. Если это свойство установлено в <code>true</code>, сравнение имен участников во время поиска записей <code>keytab</code> и <code>ssache</code> будет чувствительно к регистру. Значение по умолчанию - <code>false</code> для обеспечения обратной совместимости. Кроме того, если указано системное свойство с тем же именем, оно переопределяет значение свойства безопасности, определенное в файле <code>java.security</code>.</p>



## ID проблемы

JDK-8332685	<p>Резюме: Объединение проверки размера и выравнивания в <code>LayoutPath</code></p> <p>Описание: После получения дескрипторов <code>Var</code>, <code>Memory Layout API</code> проверяет, что доступный сегмент имеет размер, по крайней мере, такой же, как у доступного корневого макета.</p>
JDK-8332847	<p>Резюме: Устаревание опции виртуальной машины <code>UseNotificationThread</code></p> <p>Описание: Опция виртуальной машины <code>UseNotificationThread</code> устарела и будет удалена в будущих выпусках.</p>
JDK-8332849	<p>Резюме: Обновление <code>doc/testing.{md,html}</code> (орфография и устаревшая информация)</p> <p>Описание: Тестовый документ был обновлен с целью удаления некоторой устаревшей информации, например, информации об <code>AOT_MODULES</code>, удаленной в <code>JDK-8264805</code>, а также исправления орфографии.</p>
JDK-8332922	<p>Резюме: Тест <code>java/io/IO/IO.java</code> завершается некорректно, если <code>/usr/bin/expect</code> не существует</p> <p>Описание: Теперь тест завершается корректно, если <code>/usr/bin/expect</code> не существует.</p>
JDK-8332923	<p>Резюме: <code>ObjectMonitorUsage.java</code> завершился с неожиданной ошибкой <code>waiter_count</code></p> <p>Описание: <code>ObjectMonitorUsage.java</code> завершился с неожиданным значением <code>waiter_count</code> после <code>JDK-8328083</code> на Linux x86_32.</p>
JDK-8333092	<p>Резюме: Запланировать удаление конструкторов сокетов для создания UDP-сокетов</p> <p>Описание: Следующие два конструктора <code>java.net.Socket</code> помечены как устаревшие и подлежат удалению: <code>public Socket(InetAddress host, int port, boolean stream)</code> выдает исключение <code>IOException</code>; <code>public Socket(String host, int port, boolean stream)</code> выдает исключение <code>IOException</code>.</p>

## ID проблемы

JDK-8333130	<p>Резюме: MakeJAR2.sh использует закодированную версию JDK</p> <p>Описание: Файл test/jdk/java/lang/instrument/MakeJAR2.sh жестко закодировал значение JDK 23 для сопряжения с опцией javac --enable-preview. Закодированное значение было удалено.</p>
JDK-8333227	<p>Резюме: Parallel: регрессии 1–6% в Compress-ParGC после JDK-8330670</p> <p>Описание: Относится к устаревшему ScavengeBeforeFullGC JDK-8330670.</p>
JDK-8333228	<p>Резюме: ZGC: Регрессия ~3% в XML.transform-ZGC после JDK-8326957</p> <p>Описание: Относится к JDK-8326957 Реализация JEP 474: ZGC: Generational Mode by Default.</p>
JDK-8333400	<p>Резюме: InflaterInputStream.skip получает значение long, но он ограничен Integer.MAX_VALUE</p> <p>Описание: Спецификация API метода java.util.zip.InflaterInputStream.skip(long) была обновлена с целью указать, что он будет пропускать не более байтов, чем указано в Integer.MAX_VALUE.</p>
JDK-8334762	<p>Резюме: Улучшить вывод ошибки для нелегального раннего доступа из вложенного класса</p> <p>Описание: Это исправленный бэкпорт JDK-8334488 Исправлена ошибка несанкционированного раннего доступа из вложенного класса.</p>
JDK-8334864	<p>Резюме: Сбой javap - Фатальная ошибка: Unmatched bit position 0x2 for location CLASS</p> <p>Описание: javap сообщал о фатальной ошибке для нескольких классов в java.lang.invoke вместо того, чтобы вывести их правильно.</p>
JDK-8335133	<p>Резюме: Отмена поддержки конструктора BasicSliderUI() для удаления</p> <p>Описание: Этот конструктор устарел и будет удален в более поздней версии.</p>

## ID проблемы

JDK-8336161	<p>Резюме: Добавление явного ожидания возвращаемого ненулевого значения в <code>Object.toString()</code></p> <p>Описание: В метод <code>Object.toString()</code> добавлены явные ожидания возвращаемого значения, отличного от <code>NULL</code>.</p>
JDK-8336253	<p>Резюме: <code>MemorySegment::reinterpret</code> удаляет свойство <code>только для чтения</code></p> <p>Описание: Метод <code>MemorySegment::reinterpret</code> вернул новый сегмент памяти, который не перенес свойство <code>только для чтения</code> из сегмента в котором он был создан, хотя должен был это сделать.</p>
JDK-8336268	<p>Резюме: Связанные сборщики не отправляют преобразованные модели в следующие преобразования</p> <p>Описание: Связанные конструкторы API <code>ClassFile</code> не выдавали определенные элементы через нисходящие преобразования и возвращали неправильный конструктор для связывания.</p>
JDK-8336680	<p>Резюме: Добавление системного свойства для установки максимального количества событий <code>WatchService</code> до переполнения</p> <p>Описание: Реализации <code>java.nio.file.WatchService</code> записывают в буффер события до максимального количества перед отбрасыванием событий и последующей постановкой события <code>OVERFLOW</code> в очередь. Добавлено новое системное свойство <code>jdk.nio.file.WatchService.maxEventsPerPoll</code>, позволяющее указать максимальное количество ожидающих событий, которые могут быть поставлены в очередь перед тем, как будет выдано событие <code>OVERFLOW</code>. Значение этого свойства должно быть положительным целым числом.</p>

## ID проблемы

JDK-8336785

Резюме: Устаревание пакета `java.beans.beancontext`

Описание: С развитием языка пакет `java.beans.beancontext.*` теперь устарел и выражает анти-шаблон сборки и взаимодействия компонентов. Поэтому он устарел и будет удален в будущем выпуске. Разработчикам больше не следует использовать эти API. Им следует запланировать миграцию любого существующего кода, зависящего от этого пакета, на альтернативное решение в ожидании их будущего удаления.

JDK-8336908

Резюме: `javadoc` теперь требует правильного имени класса в ссылке

Описание: Исправлена ошибка в `javadoc`. Ранее теги `@see` и `{@Link...}` позволяли использовать вложенный класс для квалификации имени члена включающего класса. Теперь этого не происходит. Из-за этого комментарии к документации, которые ранее полагались на это поведение, теперь будут вызывать предупреждение или ошибку при обработке `javadoc`.

JDK-8336921

Резюме: Обновление руководства по интернационализации

Описание: В руководстве по интернационализации содержатся описания значений системных свойств JRE/COMPAT, которые были изменены в соответствии со следующим документом: Java Platform, Standard Edition Internationalization Guide (<https://docs.oracle.com/javase/9/intl/internationalization-enhancements-jdk-9.htm#JSINT-GUID-5ED91AA9-B2E3-4E05-8E99-6A009D2B36AF>).

JDK-8336929

Резюме: Документирование свойства безопасности `jdk.security.krb5.name.case.sensitive` в Руководстве по безопасности.

Описание: Новое свойство безопасности `jdk.security.krb5.name.case.sensitive` было задокументировано в Руководстве по безопасности в следующих разделах: Свойства системы Kerberos, Свойства безопасности и Переменные среды.

## ID проблемы

JDK-8337033	<p>Резюме: Поддержка модулей JavaScript в javadoc</p> <p>Описание: Параметр <code>javadoc --add-script</code> теперь поддерживает модули JavaScript в дополнение к обычным файлам скриптов. Модули обнаруживаются автоматически путем проверки расширения или содержимого файла, переданного в качестве аргумента параметра.</p>
JDK-8337244	<p>Резюме: Поддержка хранилища ключей KeychainStore-ROOT</p> <p>Описание: <code>KeychainStore</code> поставщика Apple теперь поддерживает два типа хранилищ ключей: <code>KeychainStore</code>, которое содержит закрытые ключи и сертификаты для текущей связки ключей пользователя; <code>KeychainStore-ROOT</code>, которое содержит сертификаты из связки ключей корневых сертификатов системы.</p>
JDK-8338326	<p>Резюме: Разрешение проблемы увеличения времени запуска с помощью <code>-XX:StartFlightRecording</code></p> <p>Описание: Технический долг в байт-коде JFR, который вызывал заметное увеличение времени запуска в JDK 22 при использовании опции <code>-XX:StartFlightRecording</code> с небольшими приложениями, был исправлен. Время запуска теперь сопоставимо с JDK 21.</p>
JDK-8338684	<p>Резюме: Методы <code>{ClassLoader,Memory}MXBean::isVerbose</code> несовместимы с их методами <code>setVerbose</code></p> <p>Описание: API <code>ClassLoaderMXBean</code> и <code>MemoryMXBean</code> имеют методы <code>setVerbose</code> для управления расширенным режимом и методы <code>isVerbose</code> для его запроса. Некоторые тесты JCK ожидают, что <code>setVerbose(false)</code> отключит расширенный режим, и, следовательно, <code>isVerbose()</code> вернет <code>false</code>. Однако, если ведение журнала в файл включено с помощью <code>-Xlog</code> в командной строке <code>java launcher</code>, то <code>isVerbose()</code> возвращал <code>true</code> даже после вызова <code>setVerbose(false)</code>.</p>

## ID проблемы

JDK-8338920	<p>Резюме: Параллельный сборщик мусора выдает OOM до того, как куча полностью развернута</p> <p>Описание: Побочным эффектом исправления JDK-8328744 явилось увеличение использования кучи при использовании параллельного сбора мусора.</p>
JDK-8338926	<p>Резюме: Обработка аннотаций по умолчанию отключена</p> <p>Описание: В JDK 23 обработка аннотаций выполнялась только с некоторой явной настройкой обработки аннотаций или с явным запросом на запуск обработки аннотаций в командной строке <code>javac</code>. Это было изменением поведения по сравнению с существующим по умолчанию для запуска обработки аннотаций без каких-либо явных параметров, связанных с обработкой аннотаций.</p>

## Версия IANA TZData

Этот выпуск Axiom JDK Pro 23 поставляется с версией базы данных часовых поясов IANA [2024b](#). Ниже приведены основные изменения в этом обновлении:

Улучшение исторических данных для Мексики, Монголии и Португалии.

Имена System V теперь устарели.

Основная форма данных теперь использует `%z`.

Код теперь соответствует RFC 8536 для ранних временных меток.

Поддержка POSIX.1-2024, который удаляет `asctime_r` и `ctime_r`.

Используйте POSIX.2-1992 или более позднюю версию для скриптов shell.

`SUPPORT_C89` теперь по умолчанию равен 1.

## 3. Известные проблемы

Следующий список содержит известные проблемы для версии 23.

ID проблемы	
JDK-8325737	<p>Резюме: <code>Files.readString</code> может возвращать неверную строку при использовании UTF-16 или других кодировок</p> <p>Описание: Строки, считанные с помощью <code>java.nio.files.Files.readString</code>, могут возвращать неверные строки при декодировании с использованием кодировки, отличной от US-ASCII, ISO08859-1 или UTF-8. Чтение строк с другими многобайтовыми кодировками, такими как UTF_16, может привести к неверным результатам.</p> <p>Временное решение: Проблему можно обойти запустив JDK 22 с опцией <code>-XX:-CompactStrings</code>, чтобы отключить использование 'компактных строк'.</p>
JDK-8325875	<p>Резюме: JVM может аварийно завершать работу при использовании ZGC и <code>ObjectAlignmentInBytes</code>, отличных от стандартных</p> <p>Описание: Запуск JVM с <code>-XX:+UseZGC</code> и значением, отличным от значения по умолчанию для <code>-XX:ObjectAlignmentInBytes</code>, может привести к сбоям JVM или неправильному выполнению.</p> <p>Временное решение: Н/Д</p>
Н/Д	<p>Резюме: AxiomFX и EGL на ОС Raspbian</p> <p>Описание: С 2017 года в Raspbian OS изменилось расположение библиотек <code>libEGL.so</code> и <code>libGLESv2.so</code> для чипа Broadcom.</p> <p>Временное решение: Если вы хотите использовать аппаратное ускорение EGL, доступное в видеодрайверах Broadcom в AxiomFX, при работе в Raspbian OS, выполните следующие команды: <b>1.</b> <code>cd /opt/vc/lib</code> <b>2.</b> <code>sudo ln -s libbrcmEGL.so libEGL.so</code> <b>3.</b> <code>sudo ln -s libbrcmGLESv2.so libGLESv2.so</code></p>

# 4. Безопасность

В этой версии отсутствуют исправления уязвимостей.



# 5. Дефекты, исправленные в этом выпуске

## Исправления в JDK

Следующий список содержит дефекты, исправленные в JDK версии 23.

ID проблемы	Резюме
JDK-4760025	sRGB conversions to and from CIE XYZ incorrect
JDK-6230751	[Fmt-Ch] Recursive MessageFormats in ChoiceFormats ignore indicated subformats
JDK-6285888	ChoiceFormat can support unescaped relational symbols in the Format segment
JDK-6431396	Spec for SocketOptions.SO_BINDADDR incorrect
JDK-6503196	API doc for DecimalFormat::getMaximumIntegerDigits is unclear
JDK-6507038	Memory Leak in JTree / BasicTreeUI
JDK-6510914	JScrollBar.getMinimumSize() breaks the contract of JComponent.setMinimumSize()
JDK-6801704	ChoiceFormat::applyPattern inconsistency for invalid patterns
JDK-6942632	Hotspot should be able to use more than 64 logical processors on Windows
JDK-6968351	httpserver clashes with delayed TCP ACKs for low Content-Length
JDK-7001133	OutOfMemoryError by CustomMediaSizeName implementation

ID проблемы	Резюме
JDK-7022325	TEST_BUG: test/java/util/zip/ZipFile/ReadLongZipFileName.java leaks files if it fails
JDK-7036144	GZIPInputStream readTrailer uses faulty available() test for end-of-stream
JDK-7057369	(fs spec) FileStore getUsableSpace and getUnallocatedSpace could be clearer
JDK-8017234	Hotspot should stop using mapfiles
JDK-8042981	Strip type annotations in Types' utility methods
JDK-8043226	Better diagnostics for non-applicable type annotations
JDK-8048691	Splitterator.SORTED characteristics gets cleared for BaseStream.splitterator
JDK-8051959	Add thread and timestamp options to java.security.debug system property
JDK-8068958	Timestamp.from(Instant) should throw when conversion is not possible
JDK-8075917	The regression-swing case failed as the text on label is not painted red with the GTK L&F
JDK-8079167	Fix documentation for G1SATBBufferEnqueueingThresholdPercent == 0
JDK-8079786	[macosx] Test java/awt/Frame/DisposeParentGC/DisposeParentGC.java fails for Mac only
JDK-8129418	JShell: better highlighting of errors in imports on demand
JDK-8139457	Relax alignment of array elements
JDK-8144100	Incorrect case-sensitive equality in com.sun.net.httpserver.BasicAuthenticator
JDK-8159927	Add a test to verify JMOD files created in the images do not have debug symbols

ID проблемы	Резюме
JDK-8160755	bug6492108.java test fails with exception Image comparison failed at (0, 0) for image 4 in GTK L&F
JDK-8164094	javadoc allows to create a @link to a non-existent method
JDK-8174269	Remove COMPAT locale data provider from JDK
JDK-8175386	Clarify exception behavior of Types utility methods
JDK-8180450	secondary_super_cache does not scale well
JDK-8182774	Verify code in javap
JDK-8185862	AWT Assertion Failure in ::GetDIBits(hBMDC, hBM, 0, 1, 0, gpBitmapInfo, 0) 'awt_Win32GraphicsDevice.cpp', at line 185
JDK-8187634	keystore.getCertificateAlias(cert) returns original alias, inconsistent with fix of JDK-6483657
JDK-8187759	Background not refreshed when painting over a transparent JFrame
JDK-8188784	javax.management.notification/BroadcasterSupportDeadlockTest.java - TEST FAILED: deadlock
JDK-8195675	Call to insertText with single character from custom Input Method ignored
JDK-8196106	Support nested infinite or recursive flat mapped streams
JDK-8198237	[macos] Test java/awt/Frame/ExceptionOnSetExtendedStateTest/ExceptionOnSetExtendedStateTest.java fails
JDK-8200566	DistributionPointFetcher fails to fetch CRLs if the DistributionPoints field contains more than one DistributionPoint and the first one fails

ID проблемы	Резюме
JDK-8201183	sjavac build failures: "Connection attempt failed: Connection refused"
JDK-8202598	keytool -certreq output contains inconsistent line separators
JDK-8203867	Delete test java/awt/TrayIcon/DbClickActionEventTest/DbClickActionEventTest.html
JDK-8206447	InflaterInputStream.skip receives long but it's limited to Integer.MAX_VALUE
JDK-8210471	GZIPInputStream constructor could leak an un-end()ed Inflater
JDK-8210858	AArch64: remove Math.log intrinsic
JDK-8211847	[aix] java/lang/ProcessHandle/InfoTest.java fails: "reported cputime less than expected"
JDK-8211854	[aix] java/net/ServerSocket/AcceptInheritHandle.java fails: read times out
JDK-8212895	ChronoField.INSTANT_SECONDS's range doesn't match the range of Instant
JDK-8216984	Deprecate for removal Socket constructors to create UDP sockets
JDK-8222719	libperfstat on AIX - cleanup old API versions
JDK-8222884	ConcurrentClassDescLookup.java times out intermittently
JDK-8223696	java/net/httpclient/MaxStreams.java failed with didn't finish within the time-out
JDK-8226919	attach in linux hangs due to permission denied accessing /proc/pid/root
JDK-8226990	GTK & Nimbus LAF: Tabbed pane's background color is not expected one when change the opaque checkbox.

ID проблемы	Резюме
JDK-8229959	Convert proxy class to use constant dynamic
JDK-8233443	G1 DetailedUsage class names overly generic for global namespace
JDK-8234502	Merge GenCollectedHeap and SerialHeap
JDK-8236736	Change notproduct JVM flags to develop flags
JDK-8237842	Separate definitions for default cache line and padding sizes
JDK-8238169	BasicDirectoryModel getDirectories and DoChangeContents.run can deadlock
JDK-8240343	JDI stopListening/stoplis001 "FAILED: listening is successfully stopped without starting listening"
JDK-8241503	C2: Share MacroAssembler between mach nodes during code emission
JDK-8241550	[macOS] SSLSocketImpl/ReuseAddr.java failed due to "BindException: Address already in use"
JDK-8242564	javadoc crashes:: class cast exception com.sun.tools.javac.code.Symtab\$6
JDK-8247449	Revisit the argument processing logic for MetaspaceShared::disable_optimized_module_handling()
JDK-8247972	incorrect implementation of JVM TI GetObjectMonitorUsage
JDK-8251330	Reorder CDS archived heap to speed up relocation
JDK-8252136	Several methods in hotspot are missing "static"
JDK-8256314	JVM TI GetCurrentContendedMonitor is implemented incorrectly

ID проблемы	Резюме
JDK-8256828	ostream::print_cr() truncates buffer in copy-through case
JDK-8258979	The image didn't show correctly with GTK LAF
JDK-8259550	The content of the print out displayed incomplete with the NimbusLAF
JDK-8259637	java.io.File.getCanonicalPath() returns different values for same path
JDK-8259866	two java.util tests failed with "IOException: There is not enough space on the disk"
JDK-8260633	[macos] java/awt/dnd/MouseEventAfterStartDragTest/MouseEventAfterStartDragTest.html test failed
JDK-8261433	Better pkcs11 performance for libpkcs11:C_EncryptInit/libpkcs11:C_DecryptInit
JDK-8264102	JTable Keyboards Navigation differs with Test Instructions.
JDK-8265372	Simplify PKCS9Attribute
JDK-8269428	java/util/concurrent/ConcurrentHashMap/ToArray.java timed out
JDK-8269657	Test java/nio/channels/DatagramChannel/Loopback.java failed. Unexpected message
JDK-8270269	Desktop.browse method fails if earlier CoInitialize call as COINIT_MULTITHREADED
JDK-8272364	Parallel GC adaptive size policy may shrink the heap below MinHeapSize
JDK-8274300	Address dsymutil warning by excluding platform specific files
JDK-8275338	Add JFR events for notable serialization situations

ID проблемы	Резюме
JDK-8276809	java/awt/font/JNICheck/FreeTypeScalerJNICheck.java shows JNI warning on Windows
JDK-8277869	Maven POMs are using HTTP links where HTTPS is available
JDK-8278255	Add more warning text in ReentrantLock and ReentrantReadWriteLock
JDK-8278353	Provide Duke as default favicon in Simple Web Server
JDK-8278527	java/util/concurrent/tck/JSR166TestCase.java fails nanoTime test
JDK-8280056	gtest/LargePageGtests.java#use-large-pages failed "os.release_one_mapping_multi_commits_vm"
JDK-8280087	G1: Handle out-of-mark stack situations during reference processing more gracefully
JDK-8280392	java/awt/Focus/NonFocusableWindowTest/NonfocusableOwnerTest.java failed with "RuntimeException: Test failed."
JDK-8280988	[XWayland] Click on title to request focus test failures
JDK-8280990	[XWayland] XTest emulated mouse click does not bring window to front
JDK-8283223	gc/stringdedup/TestStringDeduplicationFullGC.java#Parallel failed with "RuntimeException: String verification failed"
JDK-8285506	Unify os::vsnprintf implementations
JDK-8286759	TextComponentPrintable: consequent → consecutive positions
JDK-8286827	BogusColorSpace methods return wrong array
JDK-8288712	Typo in javadoc in javax.imageio.ImageReader.java

ID проблемы	Резюме
JDK-8288989	Make tests not depend on the source code
JDK-8289770	Remove Windows version macro from ShellFolder2.cpp
JDK-8289822	G1: Make concurrent mark code owner of TAMSES
JDK-8290965	PPC64: Implement post-call NOPs
JDK-8291643	Consider omitting type annotations from type error diagnostics
JDK-8291809	Convert compiler/c2/cr7200264/TestSSE2IntVect.java to IR verification test
JDK-8292955	Collections.checkedMap Map.merge does not properly check key and value
JDK-8293345	SunPKCS11 provider checks on PKCS11 Mechanism are problematic
JDK-8293622	Cleanup use of G1ConcRefinementThreads
JDK-8293623	Simplify G1ConcurrentRefineThreadControl
JDK-8294148	Support JSplitPane for instructions and test UI
JDK-8294880	Review running time of jdk/internal/shellsupport/doc/JavadocHelperTest.java
JDK-8294961	Convert java.base/java.lang.reflect.ProxyGenerator to use the Classfile API to generate proxy classes
JDK-8294977	Convert test/jdk/java tests from ASM library to Classfile API
JDK-8294978	Convert 5 test/jdk/jdk/jfr tests from ASM library to Classfile API
JDK-8295111	dpkg appears to have problems resolving symbolically linked native libraries



ID проблемы	Резюме
JDK-8295153	java/util/Base64/TestEncodingDecodingLength.java ran out of memory
JDK-8295166	IGV: dump graph at more locations
JDK-8295804	javax/swing/JFileChooser/JFileChooserSetLocationTest.java failed with "setLocation() is not working properly"
JDK-8296175	Output warning if generated docs contain diagnostic markers
JDK-8296244	Alternate implementation of user-based authorization Subject APIs that doesn't depend on Security Manager APIs
JDK-8296543	Update exception documentation for ExecutorService.invokeAll overriders as required
JDK-8296787	Unify debug printing format of X.509 cert serial numbers
JDK-8297573	Parallel: Rename do_oop_nv to do_oop_work in subclasses of OopClosure
JDK-8297879	javadoc link to preview JEP 1000 has grouping character comma
JDK-8298046	Fix hidden but significant trailing whitespace in properties files for serviceability code
JDK-8298153	Colored text is not shown on disabled checkbox and radio button with GTK LAF for bug4314194
JDK-8298405	Implement JEP 467: Markdown Documentation Comments
JDK-8299023	TestPLABResize.java and TestPLABPromotion.java are failing intermittently
JDK-8299426	Heap dump does not contain virtual Thread stack references

ID проблемы	Резюме
JDK-8299487	Test java/net/httpclient/whitebox/SSLTubeTestDriver.java timed out
JDK-8299627	Fix/improve handling of "missing" element-list file
JDK-8300088	[IMPROVE] OPEN_MAX is no longer the max limit on macOS >= 10.6 for RLIMIT_NOFILE
JDK-8300148	Consider using a StoreStore barrier instead of Release barrier on ctor exit
JDK-8301183	(zipfs) jdk/jdk/nio/zipfs/TestLocOffsetFromZip64EF.java failing with ZipException:RO on OL9
JDK-8301466	[AIX] Revisit CommittedVirtualMemoryTest
JDK-8301994	Remove unused code from awt_List.cpp
JDK-8302019	Clarify Elements.overrides
JDK-8302744	Refactor Hotspot container detection code
JDK-8302790	Set FileMapRegion::mapped_base() to null if mapping fails
JDK-8302850	Implement C1 clone intrinsic that reuses arraycopy code for primitive arrays
JDK-8303374	Implement JEP 455: Primitive Types in Patterns, instanceof, and switch (Preview)
JDK-8303689	javac -Xlint could/should report on "dangling" doc comments
JDK-8303866	Allow ZipInputStream.readEnd to parse small Zip64 ZIP files
JDK-8303891	Speed up Zip64SizeTest using a small ZIP64 file

ID проблемы	Резюме
JDK-8303972	(zipfs) Make test/jdk/jdk/nio/zipfs/TestLocOffsetFromZip64EF.java independent of the zip command line
JDK-8304732	jdk/jfr/api/consumer/recordingstream/TestStop.java failed again with "Expected outer stream to have 3 events"
JDK-8305072	Win32ShellFolder2.compareTo is inconsistent
JDK-8305457	Implement java.io.IO
JDK-8305638	Renaming and small clean-ups around predicates
JDK-8306767	Concurrent repacking of extra data in MethodData is potentially unsafe
JDK-8306928	Duplicate variable assignment in jdk.internal.net.http.AuthenticationFilter#getCredentials
JDK-8307143	CredentialsCache.cacheName should not be static
JDK-8307160	Fix AWT/2D/A11Y to support the permissive- flag on the Microsoft Visual C compiler
JDK-8307193	Several Swing jtreg tests use class.forName on L&F classes
JDK-8307246	Printing: banded raster path doesn't account for device offset values
JDK-8307778	com/sun/jdi/cds tests fail with jtreg's Virtual test thread factory
JDK-8307788	vmTestbase/gc/gctests/LargeObjects/large003/TestDescription.java timed out
JDK-8307824	Clean up Finalizable.java and finalize terminology in vmTestbase/nsk/share
JDK-8308033	The jcmd thread dump related tests should test virtual threads

ID проблемы	Резюме
JDK-8308204	Enhanced certificate processing
JDK-8308642	Unhelpful pattern switch error: illegal fall-through to a pattern
JDK-8308660	C2 compilation hits 'node must be dead' assert
JDK-8308745	ObjArrayKlass::allocate_objArray_klass may call into java while holding a lock
JDK-8309218	java/util/concurrent/locks/Lock/OOMEInAQS.java still times out with ZGC, Generational ZGC, and SerialGC
JDK-8309259	Reduce calls to MethodHandles.lookup() in jdk.internal.net.http.Stream
JDK-8309271	A way to align already compiled methods with compiler directives
JDK-8309622	Re-examine the cache mechanism in BaseLocale
JDK-8309751	Duplicate constant pool entries added during default method processing
JDK-8309881	Qualified name of a type element depends on its origin (source vs class)
JDK-8309981	Remove expired flags in JDK 23
JDK-8310072	JComboBox/DisabledComboBoxFontTestAuto: Enabled and disabled ComboBox does not match in these LAFs: GTK+
JDK-8310190	C2 SuperWord: AlignVector is broken, generates misaligned packs
JDK-8310277	jdk/javadoc/doclet/testMethodCommentAlgorithm/TestMethodCommentsAlgorithm.java fails with IllegalStateException
JDK-8310351	Typo in ImmutableCollections

ID проблемы	Резюме
JDK-8310513	[s390x] Intrinsicify recursive ObjectMonitor locking
JDK-8310524	C2: record parser-generated LoadN nodes for IGVN
JDK-8310711	[IR Framework] Remove safepoint while printing handling
JDK-8310813	Simplify and modernize equals, hashCode, and compareTo for BigInteger
JDK-8310844	[AArch64] C1 compilation fails because monitor offset in OSR buffer is too large for immediate
JDK-8310995	missing @since tags in 36 jdk.dynalink classes
JDK-8311002	missing @since info in 21 files in jdk.security.auth
JDK-8311003	missing @since info in jdk.security.jgss
JDK-8311076	RedefineClasses doesn't check for ConstantPool overflow
JDK-8311098	Change comment in verificationType.hpp to refer to _sym
JDK-8311175	Move BufWriter::asByteBuffer to BufWriterImpl
JDK-8311177	Switching to interpreter only mode in carrier thread can lead to crashes
JDK-8311218	fatal error: stuck in JvmtiVTMSTransitionDisabler::VTMS_transition_disable
JDK-8311248	Refactor CodeCache::initialize_heaps to simplify adding new CodeCache segments
JDK-8311306	Test com/sun/management/ThreadMXBean/ThreadCpuTimeArray.java failed: out of expected range

ID проблемы	Резюме
JDK-8311644	Server should not send bad_certificate alert when the client does not send any certificates
JDK-8311893	Interactive component with ARIA role 'tabpanel' does not have a programmatically associated name
JDK-8312104	Update java man pages to include new security category in -XshowSettings
JDK-8312111	open/test/jdk/java/awt/Robot/ModifierRobotKey/ModifierRobotKeyTest.java fails on ubuntu 23.04
JDK-8312132	Add tracking of multiple address spaces in NMT
JDK-8312150	Remove -Xnoagent option
JDK-8312307	Obsoleted code in hb-jdk-font.cc
JDK-8312383	Log X509ExtendedKeyManager implementation class name in TLS/SSL connection
JDK-8312436	CompletableFuture never completes when 'Throwable.toString()' method throws Exception
JDK-8312444	Delete unused parameters and variables in SocketPermission
JDK-8312518	[macos13] setFullScreenWindow() shows black screen on macOS 13 & above
JDK-8313083	Print 'rss' and 'cache' as part of the container information
JDK-8313306	More sensible memory reservation logging
JDK-8313332	Simplify lazy jmethodID cache in InstanceClass

ID проблемы	Резюме
JDK-8313674	(fc) java/nio/channels/FileChannel/BlockDeviceSize.java should test for more block devices
JDK-8313710	jcmm: typo in the documentation of JFR.start and JFR.dump
JDK-8313739	ZipOutputStream.close() should always close the wrapped stream
JDK-8314029	Add file name parameter to Compiler.perfmap
JDK-8314070	javac.print: Support IPP output-bin attribute extension
JDK-8314164	java/net/URLConnection/URLConnectionExpectContinueTest.java fails intermittently in timeout
JDK-8314186	runtime/8176717/TestInheritFD.java failed with "Log file was leaked"
JDK-8314225	SIGSEGV in JavaThread::is_lock_owned
JDK-8314250	CDS dump error message: Invoker type parameter must start and end with Object: L3I_L
JDK-8314275	Incorrect stepping in switch
JDK-8314295	Enhance verification of verifier
JDK-8314307	Improve loop handling
JDK-8314329	AgeTable: add is_clear() & allocation spec, and relax assert to allow use of 0-index slot
JDK-8314468	Improve Compiler loops
JDK-8314480	Memory ordering spec updates in java.lang.ref

ID проблемы	Резюме
JDK-8314508	Improve how relativized pointers are printed by frame::describe
JDK-8314515	java/util/concurrent/SynchronousQueue/Fairness.java failed with "Error: fair=false i=8 j=0"
JDK-8314592	Add shortcut to SymbolLookup::find
JDK-8314629	Generational ZGC: Clearing All SoftReferences log line lacks GCId
JDK-8314794	Improve UTF8 String supports
JDK-8314846	Do not store Klass::_secondary_super_cache in CDS archive
JDK-8315040	Remove redundant check in WorkerPolicy::parallel_worker_threads
JDK-8315431	ArchiveHeapWriter::get_filler_size_at() cannot handle buffer expansion
JDK-8315462	[REDO] runtime/NMT/SummarySanityCheck.java failed with "Total committed (MMMMMM) did not match the summarized committed (NNNNNN)"
JDK-8315575	Retransform of record class with record component annotation fails with CFE
JDK-8315693	Remove WM_AWT_SET_SCROLL_INFO message
JDK-8315708	Enhance HTTP/2 client usage
JDK-8315762	Update subtype check profile collection on s390x following 8308869
JDK-8315767	InetAddress: constructing objects from BSD literal addresses
JDK-8315856	RISC-V: Use Zacas extension for cmpxchg
JDK-8315923	pretouch_memory by atomic-add-0 fragments huge pages unexpectedly



ID проблемы	Резюме
JDK-8316131	runtime/cds/appcds/TestParallelGCWithCDS.java fails with JNI error
JDK-8316138	Add GlobalSign 2 TLS root certificates
JDK-8316141	Improve CEN header validation checking
JDK-8316197	Make tracing of inline cache available in unified logging
JDK-8316241	Test jdk/jdk/jfr/jvm/TestChunkIntegrity.java failed
JDK-8316324	Opensource five miscellaneous Swing tests
JDK-8316328	Test jdk/jfr/event/oldobject/TestSanityDefault.java times out for some heap sizes
JDK-8316340	(bf) Missing {@inheritDoc} for exception in MappedByteBuffer::compact
JDK-8316388	Opensource five Swing component related regression tests
JDK-8316451	6 java/lang/instrument/PremainClass tests ignore VM flags
JDK-8316460	4 javax/management tests ignore VM flags
JDK-8316497	ColorConvertOp - typo for non-ICC conversions needs one-line fix
JDK-8316657	Support whitebox testing in microbenchmarks
JDK-8316704	Regex-free parsing of Formatter and FormatProcessor specifiers
JDK-8316708	Augment WorstCaseTests with more cases
JDK-8316738	java/net/httpclient/HttpClientLocalAddrTest.java failed in timeout

ID проблемы	Резюме
JDK-8316756	C2 EA fails with "missing memory path" when encountering unsafe_arraycopy stub call
JDK-8316813	NMT: Using WhiteBox API, virtual memory tracking should also be stressed in JMH tests
JDK-8316931	[macos14] Test "java/awt/TrayIcon/ShowAfterDisposeTest/ShowAfterDisposeTest.html" throws an exception on macOS 14(x64, aarch64)
JDK-8316991	Reduce nullable allocation merges
JDK-8316992	Potential null pointer from get_current_thread JVMCI helper function.
JDK-8317007	Add bulk removal of dead nmethods during class unloading
JDK-8317287	[macos14] InterJVMGetDropSuccessTest.java: Child VM: abnormal termination
JDK-8317299	safepoint scalarization doesn't keep track of the depth of the JVM state
JDK-8317331	Solaris build failed with "declaration can not follow a statement (E_DECLARATION_IN_CODE)"
JDK-8317349	Randomize order of macro node expansion in C2
JDK-8317368	[JVMCI] SIGSEGV in JVMCIEnv::initialize_installed_code on libgraal
JDK-8317376	Minor improvements to the 'this' escape analyzer
JDK-8317431	Implement simpler Comparator when building certification paths
JDK-8317547	Enhance TLS connection support

ID проблемы	Резюме
JDK-8317572	C2 SuperWord: refactor/improve TraceSuperWord, replace VectorizeDebugOption with TraceAutoVectorization
JDK-8317621	--add-script should support JavaScript modules
JDK-8317636	Improve heap walking API tests to verify correctness of field indexes
JDK-8317697	refactor-encapsulate x86 VM_Version::CpuIdInfo
JDK-8317771	[macos14] Expand/collapse a JTree using keyboard freezes the application in macOS 14 Sonoma
JDK-8317804	com/sun/jdi/JdwpAllowTest.java fails on Alpine 3.17 / 3.18
JDK-8317846	Typo in API documentation of classes IdentityHashMap
JDK-8318105	[jmh] the test java.security.HSS failed with 2 active threads
JDK-8318106	Generated HTML for snippet does not always contain an id
JDK-8318112	CSS percentage values are capped at 100%
JDK-8318158	RISC-V: implement roundD/roundF intrinsics
JDK-8318217	RISC-V: C2 VectorizedHashCode
JDK-8318227	RISC-V: C2 ConvHF2F
JDK-8318228	RISC-V: C2 ConvF2HF
JDK-8318302	ThreadCountLimit.java failed with "Native memory allocation (mprotect) failed to protect 16384 bytes for memory to guard stack pages"

ID проблемы	Резюме
JDK-8318340	Improve RSA key implementations
JDK-8318444	Write details about compilation bailouts into crash reports
JDK-8318446	C2: optimize stores into primitive arrays by combining values into larger store
JDK-8318563	GetClassFields should not use random access to field
JDK-8318566	Heap walking functions should not use FilteredFieldStream
JDK-8318588	Windows build failure after JDK-8314468 due to ambiguous call
JDK-8318603	Parallelize sun/java2d/marlin/ClipShapeTest.java
JDK-8318605	Enable parallelism in vmTestbase/nsk/stress/stack tests
JDK-8318629	G1: Refine code a bit in G1RemSetTrackingPolicy::update_at_allocate
JDK-8318650	Optimized subword gather for x86 targets.
JDK-8318682	SA decoding of scalar replaced objects is broken
JDK-8318696	Do not use LFS64 symbols on Linux
JDK-8318707	Remove the Java Management Extension (JMX) Management Applet (m-let) feature
JDK-8318761	MessageFormat pattern support for CompactNumberFormat, ListFormat, and DateTimeFormatter
JDK-8318812	LauncherHelper.checkAndLoadMain closes jar file that's about to be re-opened
JDK-8318966	Some methods make promises about Java array element alignment that are too strong

ID проблемы	Резюме
JDK-8318971	Better Error Handling for Jar Tool When Processing Non-existent Files
JDK-8319128	sun/security/pkcs11 tests fail on OL 7.9 aarch64
JDK-8319251	[REDO] Change LockingMode default from LM_LEGACY to LM_LIGHTWEIGHT
JDK-8319382	com/sun/jdi/JdwpAllowTest.java shows failures on AIX if prefixLen of mask is larger than 32 in IPv6 case
JDK-8319413	Start of release updates for JDK 23
JDK-8319414	Add SourceVersion.RELEASE_23
JDK-8319416	Add source 23 and target 23 to javac
JDK-8319451	PhaseldealLoop::conditional_move is too conservative
JDK-8319463	ClassSignature should have superclass and superinterfaces as ClassTypeSig
JDK-8319516	AIX System::loadLibrary needs support to load a shared library from an archive object
JDK-8319548	Unexpected internal name for Filler array klass causes error in VisualVM
JDK-8319571	Update jni/nullCaller/NullCallerTest.java to accept flags or mark as flagless
JDK-8319577	x86_64 AVX2 intrinsics for Arrays.sort methods (int, float arrays)
JDK-8319578	Few java/lang/instrument ignore test.java.opts and accept test.vm.opts only
JDK-8319598	SMFParser misinterprets interrupted running status
JDK-8319626	Override toString() for ZipFile

ID проблемы	Резюме
JDK-8319647	Few java/lang/System/LoggerFinder/modules tests ignore vm flags
JDK-8319648	java/lang/SecurityManager tests ignore vm flags
JDK-8319651	Several network tests ignore vm flags when start java process
JDK-8319673	Few security tests ignore VM flags
JDK-8319678	Several tests from corelibs areas ignore VM flags
JDK-8319690	[AArch64] C2 compilation hits offset_ok_for_immed: assert "c2 compiler bug"
JDK-8319716	RISC-V: Add SHA-2
JDK-8319757	java/nio/channels/DatagramChannel/InterruptibleOrNot.java failed: wrong exception thrown
JDK-8319773	Avoid inflating monitors when installing hash codes for LM_LIGHTWEIGHT
JDK-8319793	C2 compilation fails with "Bad graph detected in build_loop_late" after JDK-8279888
JDK-8319795	Static huge pages are not used for CodeCache
JDK-8319797	Recursive lightweight locking: Runtime implementation
JDK-8319799	Recursive lightweight locking: x86 implementation
JDK-8319801	Recursive lightweight locking: aarch64 implementation
JDK-8319822	Use a linear-time algorithm for assert_different_registers()
JDK-8319851	Improve exception logging

ID проблемы	Резюме
JDK-8319859	Better symbol storage
JDK-8319889	Vector API tests trigger VM crashes with -XX:+StressIncrementalInlining
JDK-8319900	Recursive lightweight locking: riscv64 implementation
JDK-8319901	Recursive lightweight locking: ppc64le implementation
JDK-8319932	[JVMCI] class unloading related tests can fail on libgraal
JDK-8319948	jcmm man page needs to be updated
JDK-8319957	PhaseOutput::code_size is unused and should be removed
JDK-8319990	Update CLDR to Version 45.0
JDK-8319997	JFR: Reduce use of dynamic proxies
JDK-8320002	Remove obsolete CDS check in Reflection::verify_class_access()
JDK-8320005	Allow loading of shared objects with .a extension on AIX
JDK-8320069	RISC-V: Add Zcb instructions
JDK-8320079	The ArabicBox.java test has no control buttons
JDK-8320097	Improve Image transformations
JDK-8320113	[macos14] : ShapeNotSetSometimes.java fails intermittently on macOS 14
JDK-8320128	Clean up Parse constructor for OSR

ID проблемы	Резюме
JDK-8320139	[JVMCI] VmObjectAlloc is not generated by intrinsics methods which allocate objects
JDK-8320175	[BACKOUT] 8316533: C2 compilation fails with assert(verify(phase)) failed: missing Value() optimization
JDK-8320200	Use Elements predicates for record constructors to improve print output
JDK-8320215	HeapDumper can use DumpWriter buffer during merge
JDK-8320237	C2: late inlining of method handle invoke causes duplicate lines in PrintInlining output
JDK-8320275	assert(_chunk→bitmap().at(index)) failed: Bit not set at index
JDK-8320276	Improve class initialization barrier in TemplateTable::_new
JDK-8320279	Link issues in java.xml module-info.java
JDK-8320302	compiler/arguments/TestC1Globals.java hits SIGSEGV in ContinuationEntry::set_enter_code
JDK-8320310	CompiledMethod::has_monitors flag can be incorrect
JDK-8320317	ObjectMonitor NotRunnable is not really an optimization
JDK-8320328	Restore interrupted flag in ImageIcon.loadImage
JDK-8320342	Use PassFaiUFrame for TruncatedPopupMenuTest.java
JDK-8320343	Generate GIF images for AbstractButton/5049549/bug5049549.java
JDK-8320360	ClassFile.parse: Some defect class files cause unexpected exceptions to be thrown



ID проблемы	Резюме
JDK-8320362	Load anchor certificates from Keychain keystore
JDK-8320396	Class-File API ClassModel::verify should include checks from hotspot/share/classfile/classFileParser.cpp
JDK-8320397	RISC-V: Avoid passing t0 as temp register to MacroAssembler::cmpxchg_obj_header/cmpxchgptr
JDK-8320404	Double whitespace in SubTypeCheckNode::dump_spec output
JDK-8320449	ECDHKeyAgreement should validate parameters before using them
JDK-8320458	Improve structural navigation in API documentation
JDK-8320503	Print warning if VM reaches MallocLimit during error reporting
JDK-8320522	Remove code related to RegisterFinalizersAtInit
JDK-8320532	Remove Thread/ThreadGroup suspend/resume
JDK-8320534	fatal error for the NMTBenchmark test run for the mainline build
JDK-8320548	Improved loop handling
JDK-8320575	generic type information lost on mandated parameters of record's compact constructors
JDK-8320597	RSA signature verification fails on signed data that does not encode params correctly
JDK-8320622	[TEST] Improve coverage of compiler/loopopts/superword/TestMulAddS2l.java on different platforms

ID проблемы	Резюме
JDK-8320646	RISC-V: C2 VectorCastHF2F
JDK-8320647	RISC-V: C2 VectorCastF2HF
JDK-8320673	PageFormat/CustomPaper.java has no Pass/Fail buttons; multiple instructions
JDK-8320675	PrinterJob/SecurityDialogTest.java hangs
JDK-8320676	Manual printer tests have no Pass/Fail buttons, instructions close set 1
JDK-8320682	[AArch64] C1 compilation fails with "Field too big for insn"
JDK-8320692	Null icon returned for .exe without custom icon
JDK-8320707	Virtual thread test updates
JDK-8320712	Rewrite BadFactoryTest in pure Java
JDK-8320786	Remove ThreadGroup.stop
JDK-8320788	The system properties page is missing some properties
JDK-8320790	Update --release 22 symbol information for JDK 22 build 27
JDK-8320799	Bump minimum boot jdk to JDK 22
JDK-8320864	Serial: Extract out Full GC related fields from ContiguousSpace
JDK-8320886	Unsafe_SetMemory0 is not guarded
JDK-8320890	[AIX] Find a better way to mimic dl handle equality
JDK-8320919	Clarify Locale related system properties

ID проблемы	Резюме
JDK-8320959	jdk/jfr/event/runtime/TestShutdownEvent.java crash with CONF=fastdebug -Xcomp
JDK-8320971	Use BufferedInputStream.buf directly when param of implTransferTo() is trusted
JDK-8320995	RISC-V: C2 PopCountVI
JDK-8320996	RISC-V: C2 PopCountVL
JDK-8320999	RISC-V: C2 RotateLeftV
JDK-8321000	RISC-V: C2 RotateRightV
JDK-8321014	RISC-V: C2 VectorLoadShuffle
JDK-8321017	Record in JFR that IEEE rounding mode was corrupted by loading a library
JDK-8321021	RISC-V: C2 VectorUCastB2X
JDK-8321023	RISC-V: C2 VectorUCastS2X
JDK-8321024	RISC-V: C2 VectorUCastI2X
JDK-8321075	RISC-V: UseSystemMemoryBarrier lacking proper OS support
JDK-8321137	Reconsider ICStub alignment
JDK-8321151	JDK-8294427 breaks Windows L&F on all older Windows versions
JDK-8321156	Improve the handling of invalid UTF-8 byte sequences for ZipInputStream::getNextEntry and ZipFile::getComment
JDK-8321176	[Screencast] make a second attempt on screencast failure

ID проблемы	Резюме
JDK-8321180	Condition for non-latin1 string size too large exception is off by one
JDK-8321192	j.a.PrintJob/ImageTest/ImageTest.java: Fail or skip the test if there's no printer
JDK-8321204	C2: assert(false) failed: node should be in igvn hash table
JDK-8321206	Make Locale related system properties <code>StaticProperty</code>
JDK-8321278	C2: Partial peeling fails with assert "last_peel ← first_not_peeled"
JDK-8321279	Implement hashCode() in Heap-X-Buffer.java.template
JDK-8321282	RISC-V: SpinPause() not implemented
JDK-8321287	Remove unused enum style in Prefetch
JDK-8321288	[JVMCI] HotSpotJVMCIRuntime doesn't clean up WeakReferences in resolvedJavaTypes
JDK-8321292	SerialGC: NewSize vs InitialHeapSize check has an off-by-one error
JDK-8321299	runtime/logging/ClassLoadUnloadTest.java doesn't reliably trigger class unloading
JDK-8321314	Reinstate disabling the compiler's default active annotation processing
JDK-8321371	SpinPause() not implemented for bsd_aarch64/macOS
JDK-8321373	Build should use LC_ALL=C.UTF-8
JDK-8321374	Add a configure option to explicitly set CompanyName property in VersionInfo resource for Windows exe/dll

ID проблемы	Резюме
JDK-8321387	SegmentAllocator:allocateFrom(AddressLayout, MemorySegment) does not throw stated UnsupportedOperationException
JDK-8321396	Retire test/jdk/java/util/zip/NoExtensionSignature.java
JDK-8321400	java/foreign/TestStubAllocFailure.java fails with code cache exhaustion
JDK-8321404	Limit the number of heap dumps triggered by HeapDumpBeforeFullGC/AfterFullGC
JDK-8321408	Add Certainly roots R1 and E1
JDK-8321409	Console read line with zero out should zero out underlying buffer in JLine (redux)
JDK-8321422	Test gc/g1/pinnedobjs/TestPinnedObjectTypes.java times out after completion
JDK-8321428	Deprecate for removal the package java.beans.beancontext
JDK-8321429	(fc) FileChannel.lock creates a FileKey containing two long index values, they could be stored as int values
JDK-8321468	Remove StringUTF16::equals
JDK-8321474	TestAutoCreateSharedArchiveUpgrade.java should be updated with JDK 21
JDK-8321479	java -D-D crashes
JDK-8321480	ISO 4217 Amendment 176 Update
JDK-8321485	remove serviceability/attach/ConcAttachTest.java from problemlist on macosx
JDK-8321489	Update LCMS to 2.16

ID проблемы	Резюме
JDK-8321512	runtime/CommandLine/OptionsValidation/TestOptionsWithRanges.java fails on 32-bit platforms
JDK-8321514	UTF16 string gets constructed incorrectly from codepoints if CompactStrings is not enabled
JDK-8321515	ARM32: Move method resolution information out of the cpCache properly
JDK-8321539	Minimal build is broken by JDK-8320935
JDK-8321540	ClassSignature.parseFrom() throws StringIndexOutOfBoundsException for invalid signatures
JDK-8321542	C2: Missing ChaCha20 stub for x86_32 leads to crashes
JDK-8321543	Update NSS to version 3.96
JDK-8321545	Override toString() for Format subclasses
JDK-8321550	Update several runtime/cds tests to use vm flags or mark as flagless
JDK-8321557	Move SOURCE line verification for OracleJDK out of OpenJDK
JDK-8321560	[BACKOUT] 8299426: Heap dump does not contain virtual Thread stack references
JDK-8321561	(fs) Clarify non-atomic behavior of Files.move
JDK-8321565	[REDO] Heap dump does not contain virtual Thread stack references
JDK-8321582	yield <primitive-type>.class not parsed correctly.
JDK-8321594	NativeThreadSet should use placeholder for virtual threads

ID проблемы	Резюме
JDK-8321597	Use .template consistently for files treated as templates by the build
JDK-8321599	Data loss in AVX3 Base64 decoding
JDK-8321616	Retire binary test vectors in test/jdk/java/util/zip/ZipFile
JDK-8321619	Generational ZGC: ZColorStoreGoodOopClosure is only valid for young objects
JDK-8321620	Optimize JImage decompressors
JDK-8321621	Update JCov version to 3.0.16
JDK-8321622	ClassFile.verify(byte[] bytes) throws unexpected ConstantPoolException, IAE
JDK-8321631	Fix comments in access.hpp
JDK-8321641	ClassFile ModuleAttribute.ModuleAttributeBuilder::moduleVersion spec contains a copy-paste error
JDK-8321648	Integral gather optimized mask computation.
JDK-8321683	Tests fail with AssertionError in RangeWithPageSize
JDK-8321685	Missing ResourceMark in code called from JvmtiEnvBase::get_vthread_jvf
JDK-8321688	Build on linux with GCC 7.5.0 fails after 8319577
JDK-8321703	jdeps generates illegal dot file containing nodesep=0,500000
JDK-8321712	C2: "failed: Multiple uses of register" in C2_MacroAssembler::vminmax_fp
JDK-8321713	Harmonize executeTestJvm with create[Limited]TestJavaProcessBuilder

ID проблемы	Резюме
JDK-8321718	ProcessTools.executeProcess calls waitFor before logging
JDK-8321729	Remove 'orb' field in RMIConnector
JDK-8321739	Source launcher fails with "Not a directory" error
JDK-8321786	SegmentAllocator.allocateFrom(ValueLayout, MemorySegment, ValueLayout, long, long) spec mismatch in exception scenario
JDK-8321802	(zipfs) Add validation of incorrect LOC signature in ZipFileSystem
JDK-8321808	G1: Use unsigned type for non-negative G1 flags
JDK-8321812	Update GC tests to use execute[Limited]TestJava
JDK-8321814	G1: Remove unused G1RemSetScanState::_collection_set_iter_state
JDK-8321815	Shenandoah: gc state should be synchronized to java threads only once per safepoint
JDK-8321820	TestLoadNIdeal fails on 32-bit because -XX:+UseCompressedOops is not recognized
JDK-8321823	Remove redundant PhaseGVN transform_no_reclaim
JDK-8321825	Remove runtime/CompressedOops/CompressedClassPointers.java from the ProblemList
JDK-8321827	Remove unnecessary suppress warnings annotations from the printing processor
JDK-8321889	JavaDoc method references with wrong (nested) type
JDK-8321892	Typo in log message logged by src/hotspot/share/nmt/virtualMemoryTracker.cpp



ID проблемы	Резюме
JDK-8321925	sun/security/mscapi/KeytoolChangeAlias.java fails with "Alias <246810> does not exist"
JDK-8321931	memory_swap_current_in_bytes reports 0 as "unlimited"
JDK-8321933	TestCDSVMCrash.java spawns two processes
JDK-8321938	java/foreign/critical/TestCriticalUpcall.java does not need a core file
JDK-8321940	Improve CDSHeapVerifier in handling of interned strings
JDK-8321958	@param/@return descriptions of ZoneRules#isDaylightSavings() are incorrect
JDK-8321972	test runtime/Unsafe/InternalErrorTest.java timeout on linux-riscv64 platform
JDK-8321973	Parallel: Remove unused methods in AdaptiveSizePolicy
JDK-8321974	Crash in ciKlass::is_subtype_of because TypeAryPtr::_klass is not initialized
JDK-8321975	Print when add_reserved_region fails even in product mode
JDK-8321984	IGV: Upgrade to Netbeans Platform 20
JDK-8322003	JShell - Incorrect type inference in lists of records implementing interfaces
JDK-8322008	Exclude some CDS tests from running with -Xshare:off
JDK-8322018	Test java/lang/String/CompactString/MaxSizeUTF16String.java fails with -Xcomp
JDK-8322027	One XMLStreamException constructor fails to initialize cause
JDK-8322034	Parallel: Remove unused methods in PSAdaptiveSizePolicy

ID проблемы	Резюме
JDK-8322040	Missing array bounds check in ClassReader.parameter
JDK-8322041	JDK 22 RDP1 L10n resource files update
JDK-8322042	HeapDumper should perform merge on the current thread instead of VMThread
JDK-8322043	HeapDumper should use parallel dump by default
JDK-8322057	Memory leaks in creating jfr symbol array
JDK-8322062	com/sun/jdi/JdwpAllowTest.java does not performs negative testing with prefix length
JDK-8322065	Initial nroff manpage generation for JDK 23
JDK-8322077	Add Ideal transformation: $(\sim a) \mid (\sim b) \Rightarrow \sim(a \ \& \ b)$
JDK-8322078	ZipSourceCache.testKeySourceMapping() test fails with The process cannot access the file because it is being used by another process
JDK-8322089	Parallel: Remove PSAdaptiveSizePolicy::set_survivor_size
JDK-8322097	Serial: Refactor CardTableRS::find_first_clean_card
JDK-8322098	os::Linux::print_system_memory_info enhance the THP output with /sys/kernel/mm/transparent_hugepage/hpage_pmd_size
JDK-8322100	Fix GCMIncrementByte4 & GCMIncrementDirect4, and increase overlap testing
JDK-8322122	Enhance generation of addresses
JDK-8322135	Printing JTable in Windows L&F throws InternalError: HTHEME is null

ID проблемы	Резюме
JDK-8322140	javax/swing/JTable/JTableScrollPrintTest.java does not print the rows and columns of the table in Nimbus and Aqua LookAndFeel
JDK-8322141	SequenceInputStream.transferTo should not return as soon as Long.MAX_VALUE bytes have been transferred
JDK-8322142	JFR: Periodic tasks aren't orphaned between recordings
JDK-8322149	ConcurrentHashMap smarter presizing for copy constructor and putAll
JDK-8322154	RISC-V: JDK-8315743 missed change in MacroAssembler::load_reserved
JDK-8322159	ThisEscapeAnalyzer crashes for erroneous code
JDK-8322163	runtime/Unsafe/InternalErrorTest.java fails on Alpine after JDK-8320886
JDK-8322166	Files.isReadable/isWritable/isExecutable expensive when file does not exist
JDK-8322170	Update deprecated/obsolete/expired flags table for GC
JDK-8322175	test/langtools/tools/javac/classreader/BadMethodParameter.java doesn't compile
JDK-8322179	RISC-V: Implement SHA-1 intrinsic
JDK-8322195	RISC-V: Minor improvement of MD5 intrinsic
JDK-8322204	Parallel: Remove unused _collection_cost_margin_fraction
JDK-8322205	Parallel: Remove unused arg in PSCardTable::pre_scavenge
JDK-8322209	RISC-V: Enable some tests related to MD5 intrinsic

ID проблемы	Резюме
JDK-8322214	Return value of <code>XMLInputFactory.getProperty()</code> changed from boolean to String in JDK 22 early access builds
JDK-8322218	Better escaping of single and double quotes in annotation <code>toString()</code> results
JDK-8322235	Split up and improve <code>LocaleProvidersRun</code>
JDK-8322237	Heap dump contains duplicate thread records for mounted virtual threads
JDK-8322239	[macos] a11y : <code>java.lang.NullPointerException</code> is thrown when focus is moved on the <code>JTabbedPane</code>
JDK-8322248	Fix inconsistent wording in <code>ElementFilter.typesIn</code>
JDK-8322255	Generational ZGC: <code>ZPageSizeMedium</code> should be set before <code>MaxTenuringThreshold</code>
JDK-8322278	Generational ZGC: Adjust the comment of <code>ZHeuristics::use_per_cpu_shared_small_pages</code>
JDK-8322279	Generational ZGC: Use <code>ZFragmentationLimit</code> and <code>ZYoungCompactionLimit</code> as percentage instead of multiples
JDK-8322282	Incorrect <code>LoaderConstraintTable::add_entry</code> after JDK-8298468
JDK-8322287	Parallel: Remove unused arg in <code>adjust_eden_for_pause_time</code> and <code>adjust_eden_for_minor_pause_time</code>
JDK-8322294	Cleanup <code>NativePostCallNop</code>
JDK-8322298	Obsolete unused <code>AdaptiveSizePolicyCollectionCostMargin</code>
JDK-8322300	Remove redundant arg in <code>PSAdaptiveSizePolicy::adjust_promo_for_pause_time</code>

ID проблемы	Резюме
JDK-8322309	Fix an inconsistency in spacing style in spec.gmk.template
JDK-8322321	Add man page doc for -XX:+VerifySharedSpaces
JDK-8322322	Support archived full module graph when -Xbootclasspath/a is used
JDK-8322324	java/foreign/TestStubAllocFailure.java times out while waiting for forked process
JDK-8322330	JavadocHelperTest.java OOMs with Parallel GC and ZGC
JDK-8322364	Parallel: Remove unused SizePolicyTrueValues enum members
JDK-8322366	Add IEEE rounding mode corruption check to JNI checks
JDK-8322377	Parallel: Remove unused arg in adjust_promo_for_pause_time and adjust_eden_for_pause_time
JDK-8322383	G1: Only preserve marks on objects that are actually moved
JDK-8322417	Console read line with zero out should zero out when throwing exception
JDK-8322418	Problem list gc/TestAllocHumongousFragment.java subtests for 8298781
JDK-8322477	order of subclasses in the permits clause can differ between compilations
JDK-8322484	22-b26 Regression in J2dBench-bimg_misc-G1 (and more) on Windows-x64 and macOS-x64
JDK-8322489	22-b27: Up to 7% regression in all Footprint3-*-G1/ZGC
JDK-8322490	cleanup CastNode construction
JDK-8322503	Shenandoah: Clarify gc state usage

ID проблемы	Резюме
JDK-8322512	StringBuffer.repeat does not work correctly after toString() was called
JDK-8322513	Build failure with minimal
JDK-8322532	JShell : Unnamed variable issue
JDK-8322535	Change default AArch64 SpinPause instruction
JDK-8322537	Parallel: Remove experimental adjustment in PSAdaptiveSizePolicy
JDK-8322538	remove fatal from JVM_VirtualThread functions for !INCLUDE_JVMTI
JDK-8322539	Parallel: Remove duplicated methods in PSAdaptiveSizePolicy
JDK-8322543	Parallel: Remove unused _major_pause_old_slope_counter
JDK-8322545	Declare newInsets as static in ThemeReader.cpp
JDK-8322565	(zipfs) Files.setPosixPermissions should preserve 'external file attributes' bits
JDK-8322568	JFR: Improve metadata for IEEE rounding mode fields
JDK-8322572	AllocationMergesTests.java fails with "IRViolationException: There were one or multiple IR rule failures."
JDK-8322583	RISC-V: Enable fast class initialization checks
JDK-8322589	Add Ideal transformation: $(\sim a) \ \& \ (\sim b) \Rightarrow \sim(a \   \ b)$
JDK-8322630	Remove ICStubs and related safepoints
JDK-8322636	[JVMCI] HotSpotSpeculationLog can be inconsistent across a single compile

ID проблемы	Резюме
JDK-8322637	java/foreign/critical/TestCriticalUpcall.java timed out
JDK-8322647	Short name for the Europe/Lisbon time zone is incorrect
JDK-8322648	Improve class initialization barrier in TemplateTable::_new for PPC
JDK-8322649	Improve class initialization barrier in TemplateTable::_new for S390
JDK-8322657	CDS filemap fastdebug assert while loading Graal CE Polyglot in isolated classloader
JDK-8322661	Build broken due to missing jvmtiExport.hpp after JDK-8320139
JDK-8322675	JFR: Fail-fast mode when constants cannot be resolved
JDK-8322692	ZGC: avoid over-unrolling due to hidden barrier size
JDK-8322694	C1: Handle Constant and IfOp in NullCheckEliminator
JDK-8322725	(tz) Update Timezone Data to 2023d
JDK-8322726	C2: Unloaded signature class kills argument value
JDK-8322732	ForkJoinPool may underutilize cores in async mode
JDK-8322734	A redundant return in method padWithLen
JDK-8322735	C2: minor improvements of bubble sort used in SuperWord::packset_sort
JDK-8322743	C2: prevent lock region elimination in OSR compilation
JDK-8322744	VirtualThread.notifyJvmtiDisableSuspend should be static

ID проблемы	Резюме
JDK-8322747	StringTable should be AllStatic
JDK-8322750	Test "api/java_awt/interactive/SystemTrayTests.html" failed because A blue ball icon is added outside of the system tray
JDK-8322751	ZGC: Fix comments about marking roots
JDK-8322753	RISC-V: C2 ReverseBytesV
JDK-8322754	click JComboBox when dialog about to close causes IllegalComponentStateException
JDK-8322757	Enable -Wparentheses warnings
JDK-8322758	Eliminate -Wparentheses warnings in C2 code
JDK-8322759	Eliminate -Wparentheses warnings in compiler code
JDK-8322765	Eliminate -Wparentheses warnings in runtime code
JDK-8322766	Micro bench SSLHandshake should use default algorithms
JDK-8322768	Optimize non-subword vector compress and expand APIs for AVX2 target.
JDK-8322772	Clean up code after JDK-8322417
JDK-8322779	C1: Remove the unused counter 'totalInstructionNodes'
JDK-8322781	C1: Debug build crash in GraphBuilder::vmap() when print stats
JDK-8322782	Clean up usages of unnecessary fully qualified class name "java.util.Arrays"
JDK-8322783	prioritize /etc/os-release over /etc/SuSE-release in hs_err/info output



ID проблемы	Резюме
JDK-8322790	RISC-V: Tune costs for shuffles with no conversion
JDK-8322799	Test JPKG003-013: ServiceTest fails because the user cannot uninstall the "servicetest" package on OEL 9.2 x64 and OEL 9.2 64-bit Arm (aarch64)
JDK-8322801	RISC-V: The riscv path of the debian sysroot had been changed
JDK-8322802	Add testing for ZipFile.getEntry respecting the 'Language encoding' flag
JDK-8322805	Eliminate -Wparentheses warnings in x86 code
JDK-8322806	Eliminate -Wparentheses warnings in aarch64 code
JDK-8322807	Eliminate -Wparentheses warnings in gc code
JDK-8322809	SystemModulesMap::classNames and moduleName arrays do not match the order
JDK-8322812	Manpage for jcmd is missing JFR.view command
JDK-8322815	Eliminate -Wparentheses warnings in shenandoah code
JDK-8322816	RISC-V: Incorrect guarantee in patch_vtype
JDK-8322817	RISC-V: Eliminate -Wparentheses warnings in riscv code
JDK-8322818	Thread::getStackTrace can fail with InternalError if virtual thread is timed-parked when pinned
JDK-8322828	Parallel: Rename ParallelCompactData::_region_start
JDK-8322829	Refactor nioBlocker to avoid blocking while holding Thread's interrupt lock
JDK-8322830	Add test case for ZipFile opening a ZIP with no entries

ID проблемы	Резюме
JDK-8322841	Parallel: Remove unused using-declaration in MutableNUMASpace
JDK-8322846	Running with -Djdk.tracePinnedThreads set can hang
JDK-8322847	java.lang.classfile.BufWriter should specify @throws for its writeXXX methods
JDK-8322853	Should use ConditionalMutexLocker in NativeHeapTrimmerThread::print_state
JDK-8322854	Incorrect rematerialization of scalar replaced objects in C2
JDK-8322858	compiler/c2/aarch64/TestFarJump.java fails on AArch64 due to unexpected PrintAssembly output
JDK-8322865	JavaDoc fails on aggregator modules
JDK-8322868	java/io/BufferedInputStream/TransferToTrusted.java has bad copyright header
JDK-8322873	Duplicate -ljava -ljvm options for libinstrument
JDK-8322874	Redirection loop in index.html
JDK-8322877	java/io/BufferedInputStream/TransferTo.java failed with IndexOutOfBoundsException
JDK-8322878	Including sealing information Class.toGenericString()
JDK-8322879	Eliminate -Wparentheses warnings in x86-32 code
JDK-8322880	Eliminate -Wparentheses warnings in arm32 code
JDK-8322881	java/nio/file/Files/CopyMoveVariations.java fails with AccessDeniedException due to permissions of files in /tmp

ID проблемы	Резюме
JDK-8322888	Parallel: Remove unused variables in PSPromotionManager
JDK-8322890	Directly return in OldPLABSizeConstraintFunc
JDK-8322920	Some ProcessTools.execute* functions are declared to throw Throwable
JDK-8322927	Unused code in LIR_Assembler::verify_oop_map
JDK-8322936	Update blessed-modifier-order.sh for default, sealed, and non-sealed
JDK-8322943	runtime/CompressedOops/CompressedClassPointers.java fails on AIX
JDK-8322945	ProblemList runtime/CompressedOops/CompressedClassPointers.java on AIX
JDK-8322954	Shenandoah: Convert evac-update closures asserts to rich asserts
JDK-8322957	Generational ZGC: Relocation selection must join the STS
JDK-8322962	Upcall stub might go undetected when freezing frames
JDK-8322963	ProblemList java/io/BufferedInputStream/TransferTo.java
JDK-8322971	KEM.getInstance() should check if a 3rd-party security provider is signed
JDK-8322976	Remove reference to transform_no_reclaim
JDK-8322978	Remove debug agent debugMonitorTimedWait() function. It is no longer used.
JDK-8322979	Add informative discussion to Modifier
JDK-8322980	Debug agent's dumpThread() API should update thread's name before printing it

ID проблемы	Резюме
JDK-8322981	Fix 2 locations in JDI that throw IOException without using the "Caused by" exception
JDK-8322982	CTW fails to build after 8308753
JDK-8322985	[BACKOUT] 8318562: Computational test more than 2x slower when AVX instructions are used
JDK-8322987	Remove gc/stress/gclocker/TestGCLocker* since they always fail with OOME
JDK-8322989	New test serviceability/HeapDump/FullGCHeapDumpLimitTest.java fails
JDK-8322992	Javac fails with StackOverflowError when compiling deeply nested synchronized blocks
JDK-8322996	BoxLockNode creation fails with assert(reg < CHUNK_SIZE) failed: sanity
JDK-8323000	Parallel: Remove unused class declarations in psScavenge
JDK-8323002	test/jdk/java/lang/Thread/virtual/stress/GetStackTraceALotWhenPinned.java times out on macosx-x64
JDK-8323005	Parallel: Refactor PSPromotionManager::claim_or_forward_depth
JDK-8323008	filter out harmful -std* flags added by autoconf from CXX
JDK-8323011	ProblemList serviceability/HeapDump/FullGCHeapDumpLimitTest.java
JDK-8323012	C2 fails with fatal error: no reachable node should have no use
JDK-8323016	Improve reporting for bad options
JDK-8323021	Shenandoah: Encountered reference count always attributed to first worker thread

ID проблемы	Резюме
JDK-8323032	OptimizedModuleHandlingTest failed in dynamic CDS archive mode
JDK-8323057	Recoverable errors may be reported before unrecoverable errors when annotation processing is skipped
JDK-8323058	Revisit j.l.classfile.CodeBuilder API surface
JDK-8323065	Unnecesary CodeBlob lookup in CompiledIC::internal_set_ic_destination
JDK-8323066	gc/g1/TestSkipRebuildRemsetPhase.java fails with 'Skipping Remembered Set Rebuild.' missing
JDK-8323073	ProblemList gc/g1/TestSkipRebuildRemsetPhase.java on linux-aarch64
JDK-8323075	ProblemList runtime/cds/appcds/jigsaw/modulepath/OptimizeModuleHandlingTest.java
JDK-8323086	Shenandoah: Heap could be corrupted by oom during evacuation
JDK-8323089	networkaddress.cache.ttl is not a system property
JDK-8323095	Expand TraceOptoParse block output abbreviations
JDK-8323101	C2: assert(n → in(0) == nullptr) failed: divisions with zero check should already have bailed out earlier in split-if
JDK-8323108	BufferedImage.setData(Raster) should not cast float and double values to integers
JDK-8323110	Eliminate -Wparentheses warnings in ppc code
JDK-8323115	x86-32: Incorrect predicates for cmov instruct transforms with UseSSE
JDK-8323116	[REDO] Computational test more than 2x slower when AVX instructions are used

ID проблемы	Резюме
JDK-8323122	AArch64: Increase itable stub size estimate
JDK-8323154	C2: assert(cmp != nullptr && cmp→Opcode() == Op_Cmp(bt)) failed: no exit test
JDK-8323159	Consider adding some text re. memory zeroing in Arena::allocate
JDK-8323170	j2dbench is using outdated javac source/target to be able to build by itself
JDK-8323183	ClassFile API performance improvements
JDK-8323188	JFR: Needless RESOURCE_ARRAY when sending EventOSInformation
JDK-8323190	Segfault during deoptimization of C2-compiled code
JDK-8323196	jdk/jfr/api/consumer/filestream/TestOrdered.java failed with "Events are not ordered! Reuse = false"
JDK-8323210	Update the usage of cmsFLAGS_COPY_ALPHA
JDK-8323213	Fix some javadoc broken links in ObjectReference, and other misc javadoc cleanups
JDK-8323220	Reassociate loop invariants involved in Cmps and Add/Subs
JDK-8323231	Improve array management
JDK-8323241	jcmm manpage should use lists for argument lists
JDK-8323243	JNI invocation of an abstract instance method corrupts the stack
JDK-8323264	Serial: Remove unused GenerationBlockSizeClosure
JDK-8323274	C2: array load may float above range check

ID проблемы	Резюме
JDK-8323276	StressDirListings.java fails on AIX
JDK-8323284	Remove unused FilteringClosure declaration
JDK-8323296	java/lang/Thread/virtual/stress/GetStackTraceALotWhenPinned.java#id1 timed out
JDK-8323297	Fix incorrect placement of precompiled.hpp include lines
JDK-8323318	Remove unused Space::is_free_block
JDK-8323330	[BACKOUT] JDK-8276809: java/awt/font/JNITest/FreeTypeScalerJNITest.java shows JNI warning on Windows
JDK-8323331	fix typo hpage_pdm_size
JDK-8323390	Enhance mask blit functionality
JDK-8323425	JFR: Auto-generated filename doesn't work with time-limited recording
JDK-8323428	Shenandoah: Unused memory in regions compacted during a full GC should be mangled
JDK-8323429	Missing C2 optimization for FP min/max when both inputs are same
JDK-8323438	Enhance assertions for Windows sync API failures
JDK-8323499	Remove unused methods in space.hpp
JDK-8323502	javac crash with wrongly typed method block in Flow
JDK-8323503	x86: Shorter movptr(reg, imm) for 32-bit unsigned immediates
JDK-8323508	Remove TestGCLockerWithShenandoah.java line from TEST.groups

ID проблемы	Резюме
JDK-8323515	Create test alias "all" for all test roots
JDK-8323518	Parallel: Remove unused methods in psParallelCompact.hpp
JDK-8323519	Add applications/ctw/modules to Hotspot tiered testing
JDK-8323520	Drop unnecessary virtual specifier in Space
JDK-8323529	Relativize test image dependencies in microbenchmarks
JDK-8323540	assert!(((method)→is_trace_flag_set(((1 << 4) << 8)))) failed: invariant
JDK-8323546	Cleanup jcmd docs for Compiler.perfmap and VM.cds filename parameter
JDK-8323552	AbstractMemorySegmentImpl#mismatch returns -1 when comparing distinct areas of the same instance of MemorySegment
JDK-8323554	The typos in Javadoc: "@return if "
JDK-8323556	CDS archive space addresses should be randomized with ArchiveRelocationMode=1
JDK-8323562	SaslInputStream.read() may return wrong value
JDK-8323571	Regression in source resolution process
JDK-8323576	[Windows] Fallthrough to ::abort instead of os::infinite_sleep for noreturn methods
JDK-8323577	C2 SuperWord: remove AlignVector restrictions on IR tests added in JDK-8305055
JDK-8323584	AArch64: Unnecessary ResourceMark in NativeCall::set_destination_mt_safe
JDK-8323595	is_aligned(p, alignof(OopT)) assertion fails in Jetty without compressed OOPs



ID проблемы	Резюме
JDK-8323601	Improve LayoutPath.PathElement::toString
JDK-8323605	Java source launcher should not require <code>--source ...</code> to enable preview
JDK-8323610	G1: HeapRegion pin count should be <code>size_t</code> to avoid overflows
JDK-8323612	IOVecWrapper should be changed to be TerminatingThreadLocal
JDK-8323616	[JVMCI] TestInvalidJVMCIOption.java fails intermittently with NPE
JDK-8323617	Add missing null checks to GetMousePositionWithPopup.java test
JDK-8323621	JDK build should exclude snippet class in java.lang.foreign
JDK-8323624	ProviderList.ServiceList does not need to be a list
JDK-8323627	Shenandoah: Refactor init logger
JDK-8323628	Update license on "pass-through" files
JDK-8323629	Shenandoah: Fix missing include and declaration
JDK-8323631	JfrTypeSet::write_klass can enqueue a CLD klass that is unloading
JDK-8323635	Test gc/g1/TestHumongousAllocConcurrentStart.java fails with <code>-XX:TieredStopAtLevel=3</code>
JDK-8323637	Capture hotspot replay files in GHA
JDK-8323640	[TESTBUG]testMemoryFailCount in <code>jdk/internal/platform/docker/TestDockerMemoryMetrics.java</code> always fail because OOM killed

ID проблемы	Резюме
JDK-8323641	Test compiler/looptests/superword/TestAlignVectorFuzzer.java timed out
JDK-8323645	Remove unused internal sun.net.www.protocol.jar.URLJarFileCallBack interface
JDK-8323651	compiler/c2/irTests/TestPrunedExHandler.java fails with -XX:+DeoptimizeALot
JDK-8323657	Compilation of snippet results in VerifyError at runtime with --release 9 (and above)
JDK-8323659	LinkedTransferQueue add and put methods call overridable offer
JDK-8323660	Serial: Fix header ordering and indentation
JDK-8323664	java/awt/font/JNICKheck/FreeTypeScalerJNICKheck.java still fails with JNI warning on some Windows configurations
JDK-8323667	Library debug files contain non-reproducible full gcc include paths
JDK-8323670	A few client tests intermittently throw ConcurrentModificationException
JDK-8323671	DevKit build gcc libraries contain full paths to source location
JDK-8323675	Race in jdk.javadoc-gendata
JDK-8323680	SA PointerFinder code can do a better job of leveraging existing code to determine if an address is in the TLAB
JDK-8323681	SA PointerFinder code should support G1
JDK-8323682	C2: guard check is not generated in Arrays.copyOfRange intrinsic when allocation is eliminated by EA
JDK-8323684	TypeMirror.{getAnnotationsByType, getAnnotation} return uninformative results

ID проблемы	Резюме
JDK-8323685	PrintSystemDictionaryAtExit has mutex rank assert
JDK-8323693	Update some copyright announcements in the new files created in 8234502
JDK-8323694	RISC-V: Unnecessary ResourceMark in NativeCall::set_destination_mt_safe
JDK-8323695	RenderPerf (2D) enhancements (23.12)
JDK-8323698	Class use page does not include extends/implements type arguments
JDK-8323699	MessageFormat.toPattern() generates non-equivalent MessageFormat pattern
JDK-8323700	Add fontconfig requirement to building.md for Alpine Linux
JDK-8323707	Adjust Classfile API's type arg model to better represent the embodied type
JDK-8323710	(fc) FileChannel.lock creates a FileKey with a poor hashCode after JDK-8321429 (win)
JDK-8323715	Serial: Move genMemoryPools to serial folder
JDK-8323716	Only print ZGC Phase Switch events in hs_err files when running with ZGC
JDK-8323717	Introduce test keyword for tests that need external dependencies
JDK-8323722	Serial: Remove unused no_gc_in_progress
JDK-8323724	Remove potential re-inflation from FastHashCode under LM_LIGHTWEIGHT
JDK-8323726	Serial: Remove unused definitions in Generation
JDK-8323730	Tweak TestZAllocationStallEvent.java to allocate smaller objects

ID проблемы	Резюме
JDK-8323731	Unproblemlist gc/stress/TestStressG1Humongous.java
JDK-8323738	Serial: Remove unreachable methods in Generation
JDK-8323745	Missing comma in copyright header in TestScope
JDK-8323746	Add PathElement hashCode and equals
JDK-8323748	RISC-V: Add Zfh probe code
JDK-8323779	Serial: Remove Generation::promotion_attempt_is_safe
JDK-8323780	Serial: Remove unused _full_collections_completed
JDK-8323782	Race: Thread::interrupt vs. AbstractInterruptibleChannel.begin
JDK-8323794	Remove unused jimage compressor plugin configuration
JDK-8323795	jcmm Compiler.codecache should print total size of code cache
JDK-8323800	Serial: Fix include guard macro in generation.hpp
JDK-8323801	<s> tag doesn't strikethrough the text
JDK-8323809	Serial: Refactor card table verification
JDK-8323815	Source launcher should find classes with \$ in names
JDK-8323820	[MacOS] build failure: non-void function does not return a value
JDK-8323835	Updating ASM to 9.6 for JDK 23
JDK-8323839	Expand use of Messenger convenience methods in langtools regression tests

ID проблемы	Резюме
JDK-8323883	JFR AssertionError: Missing object ID 15101
JDK-8323900	Avoid calling <code>os::init_random()</code> in CDS static dump
JDK-8323950	Null CLD while loading shared lambda proxy class with <code>javaagent</code> active
JDK-8323964	<code>runtime/Thread/ThreadCountLimit.java</code> fails intermittently on AIX
JDK-8323972	C2 compilation fails with <code>assert(!x→as_Loop()→is_loop_nest_inner_loop())</code> failed: loop was transformed
JDK-8323993	Serial: Refactor <code>gc_prologue</code> and <code>gc_epilogue</code>
JDK-8323994	gtest runner repeats test name for every single gtest assertion
JDK-8323995	Suppress notes generated on incremental microbenchmark builds
JDK-8324041	<code>ModuleOption.java</code> failed with update release versioning scheme
JDK-8324050	Issue store-store barrier after re-materializing objects during deoptimization
JDK-8324053	Use the blessed modifier order for sealed in <code>java.base</code>
JDK-8324065	Daylight saving information for <code>Africa/Casablanca</code> are incorrect
JDK-8324066	" <code>clhsdb jstack</code> " should not by default scan for <code>j.u.c</code> locks because it can be very slow
JDK-8324074	increase timeout for <code>jvnci</code> test <code>TestResolvedJavaMethod.java</code>
JDK-8324082	more monitoring test timeout adjustments
JDK-8324089	Fix typo in the manual page for " <code>jcmbd</code> " ( <code>man jcmbd</code> )

ID проблемы	Резюме
JDK-8324121	SIGFPE in PhaseldealLoop::extract_long_range_checks
JDK-8324123	aarch64: fix prfm literal encoding in assembler
JDK-8324125	Improve class initialization barrier in TemplateTable::_new for RISC-V
JDK-8324126	Error message for mistyping -XX:+Unlock...Options is not helpful
JDK-8324129	C2: Remove some ttyLocker usages in preparation for JDK-8306767
JDK-8324132	G1: Remove unimplemented G1MonitoringSupport::recalculate_eden_size
JDK-8324147	Serial: Remove generation::compute_new_size
JDK-8324161	validate-source fails after JDK-8275338
JDK-8324174	assert(m→is_entered(current)) failed: invariant
JDK-8324186	Use "dmb.ishst+dmb.ishld" for release barrier
JDK-8324207	Serial: Remove Space::set_saved_mark_word
JDK-8324210	Serial: Remove unused methods in Generation
JDK-8324213	C1: There is no need for Canonicalizer to handle IfOp
JDK-8324220	jdk/jfr/event/io/TestSerializationMisdeclarationEvent.java had 22 failures
JDK-8324229	JFR: Temporarily disable assertion for missing object reference
JDK-8324231	bad command-line option in make/Docs.gmk

ID проблемы	Резюме
JDK-8324236	compiler/ciReplay/TestInliningProtectionDomain.java failed with RuntimeException: should only dump inline information for ... expected true, was false
JDK-8324238	[macOS] java/awt/Frame/ShapeNotSetSometimes/ShapeNotSetSometimes.java fails with the shape has not been applied msg
JDK-8324240	Remove unused GrowableArrayView::EMPTY
JDK-8324241	Always record evol_method deps to avoid excessive method flushing
JDK-8324242	Avoid null check for OopHandle::ptr_raw()
JDK-8324243	Compilation failures in java.desktop module with gcc 14
JDK-8324280	RISC-V: Incorrect implementation in VM_Version::parse_satp_mode
JDK-8324286	Fix backsliding on use of nullptr instead of NULL
JDK-8324287	Record total and free swap space in JFR
JDK-8324301	Obsolete MaxGCMinorPauseMillis
JDK-8324304	RISC-V: add hw probe flags
JDK-8324334	Shenandoah: Improve end of process report
JDK-8324341	Remove redundant preprocessor #if's checks
JDK-8324342	Doclet should default @since for a nested class to that of its enclosing class
JDK-8324347	Enable "maybe-uninitialized" warning for FreeType 2.13.1
JDK-8324492	Remove Atomic support for OopHandle

ID проблемы	Резюме
JDK-8324512	Serial: Remove Generation::Name
JDK-8324513	Inline ContiguousSpace::object_iterate_from
JDK-8324514	ClassLoaderData::print_on should print address of class loader
JDK-8324517	C2: crash in compiled code because of dependency on removed range check CastIIs
JDK-8324537	Remove superfluous _FILE_OFFSET_BITS=64
JDK-8324539	Do not use LFS64 symbols in JDK libs
JDK-8324543	Remove Space::object_iterate
JDK-8324553	Shenandoah: Move periodic tasks closer to their collaborators
JDK-8324559	Improve 2D image handling
JDK-8324571	JDK 23 L10n resource files update
JDK-8324577	[REDO] - [IMPROVE] OPEN_MAX is no longer the max limit on macOS >= 10.6 for RLIMIT_NOFILE
JDK-8324578	[BACKOUT] [IMPROVE] OPEN_MAX is no longer the max limit on macOS >= 10.6 for RLIMIT_NOFILE
JDK-8324580	SIGFPE on THP initialization on kernels < 4.10
JDK-8324582	Replace -Djava.util.concurrent.ForkJoinPool.common.parallelism to -Djdk.virtualThreadScheduler.maxPoolSize in jvmti vthread tests
JDK-8324584	Optimize Symbol and char* handling in ClassLoader



ID проблемы	Резюме
JDK-8324585	JVM native memory leak in PKCS11-NSS security provider
JDK-8324598	use mem_unit when working with sysinfo memory and swap related information
JDK-8324613	Serial: Rename GenerationPool to TenuredGenerationPool
JDK-8324630	C1: Canonicalizer::do_LookupSwitch doesn't break the loop when the successor is found
JDK-8324632	Update Zlib Data Compression Library to Version 1.3.1
JDK-8324635	(zipfs) Regression in Files.setPosixFilePermissions called on existing MSDOS entries
JDK-8324636	Serial: Remove Generation::block_is_obj
JDK-8324637	[aix] Implement support for reporting swap space in jdk.management
JDK-8324641	[IR Framework] Add Setup method to provide custom arguments and set fields
JDK-8324646	Avoid Class.forName in SecureRandom constructor
JDK-8324647	Invalid test group of lib-test after JDK-8323515
JDK-8324648	Avoid NoSuchMethodError when instantiating NativePRNG
JDK-8324649	Shenandoah: replace implementation of free set
JDK-8324655	Identify integer minimum and maximum patterns created with if statements
JDK-8324657	Intermittent OOME on exception message create
JDK-8324659	GHA: Generic jtreg errors are not reported

ID проблемы	Резюме
JDK-8324665	Loose matching of space separators in the lenient date/time parsing mode
JDK-8324667	fold Parse::seems_stable_comparison()
JDK-8324668	JDWP process management needs more efficient file descriptor handling
JDK-8324673	javacserver failed during build: RejectedExecutionException
JDK-8324678	Replace NULL with nullptr in HotSpot gtests
JDK-8324679	Replace NULL with nullptr in HotSpot .ad files
JDK-8324680	Replace NULL with nullptr in JVMTI generated code
JDK-8324681	Replace NULL with nullptr in HotSpot jtreg test native code files
JDK-8324682	Remove redefinition of NULL for XLC compiler
JDK-8324683	Unify AttachListener code for Posix platforms
JDK-8324717	Remove HotSpotVMCICompilerFactory
JDK-8324722	Serial: Inline block_is_obj of subclasses of Generation
JDK-8324723	GHA: Upgrade some actions to avoid deprecated Node 16
JDK-8324724	Add Stub routines for FP16 conversions on aarch64
JDK-8324733	[macos14] Problem list tests which fail due to macOS bug described in JDK-8322653
JDK-8324734	Relax too-strict assert(VM_Version::supports_evex()) in Assembler::locate_operand()

ID проблемы	Резюме
JDK-8324736	Invalid end positions for EMPTY_STATEMENT
JDK-8324750	C2: rename Matcher methods using "superword" → "autovectorization"
JDK-8324752	C2 Superword: remove SuperWordRTDepCheck
JDK-8324753	[AIX] adjust os_posix after JDK-8318696
JDK-8324755	Enable parallelism in vmTestbase/gc/gctests/LargeObjects tests
JDK-8324765	C2 SuperWord: remove dead code: SuperWord::insert_extracts
JDK-8324769	Serial: Remove unused TenuredGeneration::unsafe_max_alloc_nogc
JDK-8324771	Obsolete RAMFraction related flags
JDK-8324774	Add DejaVu web fonts
JDK-8324775	C2 SuperWord: refactor visited sets
JDK-8324776	runtime/os/TestTransparentHugePageUsage.java fails with The usage of THP is not enough
JDK-8324781	runtime/Thread/TestAlwaysPreTouchStacks.java failed with Expected a higher ratio between stack committed and reserved
JDK-8324785	ProblemList two tests on linux due to JDK-8315923
JDK-8324786	validate-source fails after JDK-8042981
JDK-8324790	ifnode::fold_compares_helper cleanup
JDK-8324794	C2 SuperWord: do not ignore reductions in SuperWord::unrolling_analysis

ID проблемы	Резюме
JDK-8324799	Use correct extension for C++ test headers
JDK-8324800	gcc windows build broken after 8322757
JDK-8324807	Manual printer tests have no Pass/Fail buttons, instructions close set 2
JDK-8324808	Manual printer tests have no Pass/Fail buttons, instructions close set 3
JDK-8324809	compiler can crash with SOE while proving if two recursive types are disjoint
JDK-8324817	Parallel GC does not pre-touch all heap pages when AlwaysPreTouch enabled and large page disabled
JDK-8324824	AArch64: Detect Ampere-1B core and update default options for Ampere CPUs
JDK-8324828	Avoid multiple search of reserved regions during splitting
JDK-8324829	Uniform use of synchronizations in NMT
JDK-8324832	JFR: Improve sorting of 'jfr summary'
JDK-8324834	Use _LARGE_FILES on AIX
JDK-8324838	test_nmt_locationprinting.cpp broken in the gcc windows build
JDK-8324840	windows-x64-slowdebug does not build anymore after JDK-8317572
JDK-8324841	PKCS11 tests still skip execution
JDK-8324845	management.properties text "interface name" is misleading
JDK-8324856	Serial: Move Generation::is_in to DefNewGeneration

ID проблемы	Резюме
JDK-8324858	[vectorapi] Bounds checking issues when accessing memory segments
JDK-8324861	Exceptions::wrap_dynamic_exception() doesn't have ResourceMark
JDK-8324865	windows-x64-slowdebug still does not build after JDK-8324840
JDK-8324868	debug agent does not properly handle interrupts of a virtual thread
JDK-8324874	AArch64: crypto pmull based CRC32/CRC32C intrinsics clobber V8-V15 registers
JDK-8324880	Rename get_stack_trace.h
JDK-8324881	ObjectSynchronizer::inflate(Thread* current...) is invoked for non-current thread
JDK-8324890	C2 SuperWord: refactor out VLoop, make unrolling_analysis static, remove init/reset mechanism
JDK-8324933	ConcurrentHashTable::statistics_calculate synchronization is expensive
JDK-8324937	GHA: Avoid multiple test suites per job
JDK-8324950	IGV: save the state to a file
JDK-8324960	Unsafe.allocateMemory documentation incorrect regarding zero return value
JDK-8324969	C2: prevent elimination of unbalanced coarsened locking regions
JDK-8324970	Serial: Refactor signature of maintain_old_to_young_invariant
JDK-8324974	JFR: EventCompilerPhase should be created as UNTIMED
JDK-8324981	Shenandoah: Move commit and soft max heap changed methods into heap

ID проблемы	Резюме
JDK-8324983	race in CompileBroker::possibly_add_compiler_threads
JDK-8324998	Add test cases for String.regionMatches comparing Turkic dotted/dotless I with uppercase latin I
JDK-8325001	Typo in the javadocs for the Arena::ofShared method
JDK-8325022	Incorrect error message on client authentication
JDK-8325024	java/security/cert/CertPathValidator/OCSP/OCSPTimeout.java incorrect comment information
JDK-8325028	(ch) Pipe channels should lazily set socket to non-blocking mode on first use by virtual thread
JDK-8325037	x86: enable and fix hotspot/jtreg/compiler/vectorization/TestRoundVectFloat.java
JDK-8325038	runtime/cds/appcds/ProhibitedPackage.java can fail with UseLargePages
JDK-8325042	remove unused JVMDITools test files
JDK-8325049	stubGenerator_ppc.cpp should use alignas
JDK-8325053	Serial: Move Generation::save_used_region to TenuredGeneration
JDK-8325055	Rename Injector.h
JDK-8325064	C2 SuperWord: refactor construct_bb
JDK-8325074	ZGC fails assert(index == 0    is_power_of_2(index)) failed: Incorrect load shift: 11
JDK-8325078	Better escaping of single and double quotes in javac annotation toString() results

ID проблемы	Резюме
JDK-8325081	Move '_soft_ref_policy' to 'CollectedHeap'
JDK-8325082	Rename headers named 'heapRegion*' of G1
JDK-8325083	jdk/incubator/vector/Double512VectorTests.java crashes in Assembler::vex_prefix_and_encode
JDK-8325088	Overloads that differ in type parameters may be lost
JDK-8325095	C2: bailout message broken: ResourceArea allocated string used after free
JDK-8325096	Test java/security/cert/CertPathBuilder/akiExt/AKISerialNumber.java is failing
JDK-8325109	Sort method modifiers in canonical order
JDK-8325116	Amend jdk.ContainerConfiguration by swap related value
JDK-8325133	Missing MEMFLAGS parameter in parts of os API
JDK-8325134	Serial: Remove Generation::used_region
JDK-8325137	com/sun/management/ThreadMXBean/ThreadCpuTimeArray.java can fail in Xcomp with out of expected range
JDK-8325139	JFR SwapSpace event - add free swap space information on Linux when running in a container environment
JDK-8325144	C1: Optimize CriticalEdgeFinder
JDK-8325148	Enable restricted javac warning in java.base
JDK-8325150	(tz) Update Timezone Data to 2024a

ID проблемы	Резюме
JDK-8325152	Clarify specification of <code>java.io.RandomAccessFile.setLength</code>
JDK-8325153	SEGV in <code>stackChunkOopDesc::derelativize_address(int)</code>
JDK-8325159	C2 SuperWord: measure time for <code>CITime</code>
JDK-8325162	Remove duplicate <code>GCMParameters</code> class
JDK-8325164	Named groups and signature schemes unavailable with <code>SunPKCS11</code> in FIPS mode
JDK-8325168	JShell should support Markdown comments
JDK-8325169	Reduce <code>String::indexOf</code> overheads
JDK-8325179	Race in <code>BasicDirectoryModel.validateFileCache</code>
JDK-8325180	Rename <code>jvmti_FollowRefObjects.h</code>
JDK-8325186	JVMTI <code>VirtualThreadGetThreadStateClosure</code> class is no longer used and should be removed
JDK-8325187	JVMTI <code>GetThreadState</code> says virtual thread is <code>JVMTI_THREAD_STATE_INTERRUPTED</code> when it no longer is
JDK-8325189	Enable this-escape javac warning in <code>java.base</code>
JDK-8325194	GHA: Add macOS M1 testing
JDK-8325199	(zipfs) <code>jdk/nio/zipfs/TestPosix.java</code> failed 6 sub-tests
JDK-8325201	(zipfs) Disable <code>TestPosix.setPermissionsShouldConvertToUnix</code> which fails on Windows



ID проблемы	Резюме
JDK-8325202	gc/g1/TestMarkStackOverflow.java intermittently crash: G1CMMarkStack::ChunkAllocator::allocate_new_chunk
JDK-8325203	System.exit(0) kills the launched 3rd party application
JDK-8325213	Flags introduced by configure script are not passed to ADLC build
JDK-8325215	Incorrect not exhaustive switch error
JDK-8325217	MethodSymbol.getModifiers() returns SEALED for restricted methods
JDK-8325218	gc/parallel/TestAlwaysPreTouchBehavior.java fails
JDK-8325221	Obsolete TLABStats
JDK-8325247	Memory leak in SessionKeyRef class def when using PKCS11 security provider
JDK-8325248	Serial: Remove Generation::space_iterate
JDK-8325252	C2 SuperWord: refactor the packset
JDK-8325254	CKA_TOKEN private and secret keys are not necessarily sensitive
JDK-8325255	jdk.internal.util.ReferencedKeySet::add using wrong test
JDK-8325257	jshell reports NoSuchFieldError with instanceof primitive type
JDK-8325259	Serial: Inline OldGenScanClosure during Young GC
JDK-8325262	jdeps can drop printing stack trace when FindException is thrown due to modules not found
JDK-8325264	two compiler/intrinsics/float16 tests fail after JDK-8324724

ID проблемы	Резюме
JDK-8325266	Enable this-escape javac warning in jdk.javadoc
JDK-8325268	Add policy statement to langtools makefiles concerning warnings
JDK-8325270	ProblemList two compiler/intrinsics/float16 tests that fail due to JDK-8324724
JDK-8325280	Update troff manpages in JDK 23 before RC
JDK-8325302	Files.move(REPLACE_EXISTING) throws NoSuchFileException on deleted target
JDK-8325303	Replace markWord.is_neutral() with markWord.is_unlocked()
JDK-8325304	Several classes in java.util.jar and java.util.zip don't specify the behaviour for null arguments
JDK-8325306	Rename static huge pages to explicit huge pages
JDK-8325309	Amend "Listeners and Threads" in AWTThreadIssues.html
JDK-8325313	Header format error in TestIntrinsicBailOut after JDK-8317299
JDK-8325324	Implement JEP 477: Implicitly Declared Classes and Instance Main Methods (Third Preview)
JDK-8325325	Breadcrumb navigation shows preview link for modules and packages
JDK-8325326	[PPC64] Don't relocate in case of allocation failure
JDK-8325340	Add ASCII fast-path to Data-/ObjectInputStream.readUTF
JDK-8325342	Remove unneeded exceptions in compare.sh
JDK-8325347	Rename native_thread.h

ID проблемы	Резюме
JDK-8325361	Make sun.net.www.MessageHeader final
JDK-8325362	Allow to create a simple in-memory input JavaFileObject
JDK-8325367	Rename nsk_list.h
JDK-8325369	[@sealedGraph] Bad link to image for tag on nested classes
JDK-8325371	Missing ClassFile.Option in package summary
JDK-8325372	Shenandoah: SIGSEGV crash in unnecessary_acquire due to LoadStore split through phi
JDK-8325373	Improve StackCounter error reporting for bad switch cases
JDK-8325382	(fc) FileChannel.transferTo throws IOException when position equals size
JDK-8325384	sun/security/ssl/SSLSessionImpl/ResumptionUpdateBoundValues.java failing intermittently when main thread is a virtual thread
JDK-8325395	Missing copyright header in StackFilter.java
JDK-8325399	Add tests for virtual threads doing Selector operations
JDK-8325403	Add SystemGC JMH benchmarks
JDK-8325416	Parallel: Refactor CheckForUnmarkedOops
JDK-8325432	enhance assert message "relocation addr must be in this section"
JDK-8325433	Type annotations on primitive types are not linked
JDK-8325435	[macos] Menu or JPopupMenu not closed when main window is resized

ID проблемы	Резюме
JDK-8325436	G1: Remove unused G1RegionMarkStats::is_clear
JDK-8325437	Safepoint polling in monitor deflation can cause massive logs
JDK-8325440	Confusing error reported for octal literals with wrong digits
JDK-8325441	IGV: update pom.xml such that IntelliJ can import as maven project
JDK-8325444	GHA: JDK-8325194 causes a regression
JDK-8325449	[BACKOUT] use "dmb.ishst+dmb.ishld" for release barrier
JDK-8325451	Missed elimination of assertion predicates
JDK-8325456	Rename nsk_mutex.h
JDK-8325458	Rename mlvmJvmtiUtils.h
JDK-8325464	GCCause.java out of sync with gcCause.hpp
JDK-8325469	Freeze/Thaw code can crash in the presence of OSR frames
JDK-8325470	[AIX] use fclose after fopen in read_psinfo
JDK-8325471	CHeapBitMap(MEMFLAGS flags) constructor misleading use of super-constructor
JDK-8325485	IncrementInstructions.of(int, int) is not storing the args
JDK-8325494	C2: Broken graph after not skipping CastII node anymore for Assertion Predicates after JDK-8309902
JDK-8325496	Make TrimNativeHeapInterval a product switch

ID проблемы	Резюме
JDK-8325503	Add GC specific prefix for CheckForUnmarked related classes
JDK-8325505	Fix Javadoc ResourceBundle::getString
JDK-8325506	Ensure randomness is only read from provided SecureRandom object
JDK-8325510	Serial: Remove redundant arg in non_clean_card_iterate
JDK-8325516	Shenandoah: Move heap change tracking into ShenandoahHeap
JDK-8325517	Shenandoah: Reduce unnecessary includes from shenandoahControlThread.cpp
JDK-8325520	Vector loads and stores with indices and masks incorrectly compiled
JDK-8325529	Remove unused imports from ModuleGenerator test file
JDK-8325530	Vague error message when com.sun.tools.attach.VirtualMachine fails to load agent library
JDK-8325532	serviceability/dcmd/compiler/PerfMapTest.java leaves created files in the /tmp dir.
JDK-8325536	JVM crash during CDS archive creation with -XX:+AllowArchivingWithJavaAgent
JDK-8325541	C2 SuperWord: refactor filter / split
JDK-8325542	CTW: Runner can produce negative StressSeed
JDK-8325551	Remove unused obj_is_alive and block_start in Space
JDK-8325553	Parallel: Use per-marker cache for marking stats during Full GC
JDK-8325558	Add jcheck whitespace checking for properties files

ID проблемы	Резюме
JDK-8325563	Remove unused Space::is_in
JDK-8325565	Remove unused SpaceClosure
JDK-8325567	jspawnerhelper without args fails with segfault
JDK-8325569	ProblemList gc/parallel/TestAlwaysPreTouchBehavior.java on linux
JDK-8325570	Update to Graphviz 9.0.0
JDK-8325574	Shenandoah: Simplify and enhance reporting of requested GCs
JDK-8325579	Inconsistent behavior in com.sun.jndi.ldap.Connection::createSocket
JDK-8325587	Shenandoah: ShenandoahLock should allow blocking in VM
JDK-8325589	C2 SuperWord refactoring: create VLoopAnalyzer with Submodules
JDK-8325590	Regression in round-tripping UTF-16 strings after JDK-8311906
JDK-8325600	Better symbol storage
JDK-8325606	compiler/predicates/TestPredicatesBasic.java does not compile
JDK-8325610	CTW: Add StressIncrementalInlining to stress options
JDK-8325613	CTW: Stale method cleanup requires GC after Sweeper removal
JDK-8325616	JFR ZGC Allocation Stall events should record stack traces
JDK-8325620	HTMLReader uses ConvertAction instead of specified CharacterAction for <b>, <i>, <u>

ID проблемы	Резюме
JDK-8325621	Improve jspawnhelper version checks
JDK-8325626	Allow selection of non-matching configurations using CONF=!string
JDK-8325633	Use stricter assertion in callers of Space::is_aligned
JDK-8325635	Serial: Inline verify_used_region_at_save_marks
JDK-8325643	G1: Refactor G1FlushHumongousCandidateRemSets
JDK-8325650	Table of contents scroll timeout not long enough
JDK-8325651	C2 SuperWord: refactor the dependency graph
JDK-8325653	Erroneous exhaustivity analysis for primitive patterns
JDK-8325659	Normalize Random usage by incubator vector tests
JDK-8325671	Shenandoah: Introduce a ShenandoahGenerationType and templatize certain marking closures with it
JDK-8325672	C2: allocate PhaseIdealLoop::_loop_or_ctrl from C → comp_arena()
JDK-8325680	Uninitialised memory in deleteGSSCB of GSSLibStub.c:179
JDK-8325682	Rename nsk_strace.h
JDK-8325687	SimpleJavaFileObject specification would benefit from implSpec
JDK-8325725	Parallel: Refactor PParallelCompact::fill_dense_prefix_end
JDK-8325730	StringBuilder.toString allocation for the empty String

ID проблемы	Резюме
JDK-8325731	Installation instructions for Debian/Ubuntu don't mention autoconf
JDK-8325742	Remove MetaWord usage from MemRegion
JDK-8325743	test/jdk/java/nio/channels/unixdomain/SocketOptions.java enhance user name output in error case
JDK-8325746	Refactor Loop Unswitching code
JDK-8325748	Serial: Move Generation::promote to TenuredGeneration
JDK-8325750	Fix spelling of ForceTranslateFailure help message
JDK-8325752	Remove badMetaWordVal
JDK-8325754	Dead AbstractQueuedSynchronizer\$ConditionNodes survive minor garbage collections
JDK-8325762	Use PassFailUIFrame.Builder.splitUI() in PrintLatinCJKTest.java
JDK-8325763	Revert properties: vm.opt.x.*
JDK-8325767	Serial: Move transform_stack_chunk out of TenuredGeneration::promote
JDK-8325800	Drop unused cups declaration from Oracle build configuration
JDK-8325805	Compiler Implementation for Flexible Constructor Bodies (Second Preview)
JDK-8325807	Shenandoah: Refactor full gc in preparation for generational mode changes
JDK-8325809	JFR: Remove unnecessary annotation
JDK-8325841	Remove unused references to vmSymbols.hpp



ID проблемы	Резюме
JDK-8325851	Hide PassFailUFrame.Builder constructor
JDK-8325857	G1 Full GC flushes mark stats cache too early
JDK-8325860	Serial: Move Generation.java to serial folder
JDK-8325862	set -XX:+ErrorFileToStderr when executing java in containers for some container related jtreg tests
JDK-8325870	Zap end padding bits for ArrayOops in non-release builds
JDK-8325871	Move StringTable and SymbolTable rehashing calls
JDK-8325872	Make GuaranteedSafepointInterval default 0
JDK-8325874	Improve checkbox-based interface in summary pages
JDK-8325876	crashes in docker container tests on Linuxppc64le Power8 machines
JDK-8325877	Split up NativeCompilation.gmk
JDK-8325878	Require minimum Clang version 13
JDK-8325880	Require minimum Open XL C/C++ version 17.1.1
JDK-8325881	Require minimum gcc version 10
JDK-8325882	Serial: Move is_maximal_no_gc to TenuredGeneration
JDK-8325883	Move Monitor Deflation reporting out of safepoint cleanup
JDK-8325897	Parallel: Remove PSYoungGen::is_maximal_no_gc

ID проблемы	Резюме
JDK-8325898	ChoiceFormat returns erroneous result when formatting bad pattern
JDK-8325906	Problemlist vmTestbase/vm/mlvm/meth/stress/compiler/deoptimize/Test.java#id1 until JDK-8320865 is fixed
JDK-8325908	Finish removal of IntlTest and CollatorTest
JDK-8325910	Rename jnihelper.h
JDK-8325932	Replace ATTRIBUTE_NORETURN with direct
JDK-8325941	Remove unused Space::block_size
JDK-8325950	Make sure all files in the JDK pass jcheck
JDK-8325963	Clean up NativeCompilation.gmk and its newly created parts
JDK-8325972	Add -x to bash for building with LOG=debug
JDK-8325983	Build failure after JDK-8324580
JDK-8325984	4 jcstress tests are failing in Tier6 4 times each
JDK-8325990	Remove use of snippet @replace annotation in java.base
JDK-8325991	Accelerate Poly1305 on x86_64 using AVX2 instructions
JDK-8325994	JFR: Examples in JFR.start help use incorrect separator
JDK-8326000	Remove obsolete comments for class sun.security.ssl.SunJSSE
JDK-8326006	Allow TEST_VM_FLAGLESS to set flagless mode

ID проблемы	Резюме
JDK-8326062	ProblemList jcstress tests that are failing due to JDK-8325984
JDK-8326065	Merge Space into ContiguousSpace
JDK-8326067	Remove os::remap_memory and simplify os::map_memory
JDK-8326089	Text incorrectly placed in breadcrumbs list in generated docs
JDK-8326090	Rename jvmti_aod.h
JDK-8326096	Deprecate getTotalIn, getTotalOut methods of java.util.zip.Inflater, java.util.zip.Deflater
JDK-8326099	GZIPOutputStream should use Deflater.getBytesRead() instead of Deflater.getTotalIn()
JDK-8326100	DeflaterDictionaryTests should use Deflater.getBytesWritten instead of Deflater.getTotalOut
JDK-8326101	[PPC64] Need to bailout cleanly if creation of stubs fails when code cache is out of space
JDK-8326106	Write and clear stack trace table outside of safepoint
JDK-8326111	JFR: Cleanup for JFR_ONLY
JDK-8326112	Javadoc snippet for Linker.Option.captureCallState is wrong
JDK-8326116	JFR: Add help option to -XX:StartFlightRecording
JDK-8326117	ProblemList serviceability/jvmti/vthread/SuspendWithInterruptLock/SuspendWithInterruptLock.java#default in Xcomp mode

ID проблемы	Резюме
JDK-8326120	ProblemList sun/java2d/X11SurfaceData/SharedMemoryPixmapsTest/SharedMemoryPixmapsTest.sh on macosx-aarch64
JDK-8326121	vmTestbase/gc/g1/unloading/tests/unloading_keepRef_rootClass_inMemoryCompilation_keep_cl failed with Full gc happened. Test was useless.
JDK-8326126	Update the java manpage with the changes from JDK-8322478
JDK-8326127	JFR: Add SafepointCleanupTask to hardToTestEvents of TestLookForUntestedEvents
JDK-8326129	Java Record Pattern Match leads to infinite loop
JDK-8326135	Enhance adlc to report unused operands
JDK-8326139	C2 SuperWord: split packs (match use/def packs, implemented, mutual independence)
JDK-8326140	src/jdk.accessibility/windows/native/libjavaaccessbridge/AccessBridgeJavaEntryPoints.cpp ReleaseStringChars might be missing in early returns
JDK-8326150	Typo in the documentation for jdk.jshell
JDK-8326152	Bad copyright header in test/jdk/java/util/zip/DeflaterDictionaryTests.java
JDK-8326158	Javadoc for java.time.DayOfWeek#minus(long)
JDK-8326170	Parallel: Remove unused enum CollectionType in ParallelScavengeHeap
JDK-8326171	Serial: Remove VerifyGCLevel
JDK-8326172	Dubious claim on long[]/double[] alignment in MemorySegment javadoc

ID проблемы	Резюме
JDK-8326196	Serial: Remove SerialHeap::generation_iterate
JDK-8326201	[S390] Need to bailout cleanly if creation of stubs fails when code cache is out of space
JDK-8326204	yield statements doesn't allow cast expressions with more than 1 type arguments
JDK-8326209	G1: Remove G1ConcurrentMark::_total_cleanup_time
JDK-8326219	applications/kitchensink/Kitchensink8H.java timed out
JDK-8326222	Fix copyright year in src/hotspot/share/gc/shenandoah/shenandoahHeap.cpp
JDK-8326233	Utils#copySSLParameters loses needClientAuth Setting
JDK-8326235	RISC-V: Size CodeCache for short calls encoding
JDK-8326306	RISC-V: Re-structure MASM calls and jumps
JDK-8326319	G1: Remove unused G1ConcurrentMark::_init_times
JDK-8326332	Unclosed inline tags cause misalignment in summary tables
JDK-8326333	jshell <TAB> completion on arrays is incomplete
JDK-8326334	JFR failed assert(used(klass)) failed: invariant
JDK-8326351	Update the Zlib version in open/src/java.base/share/legal/zlib.md to 1.3.1
JDK-8326368	compare.sh -2bins prints ugly errors on Windows
JDK-8326370	Remove redundant and misplaced micros from StringBuffers

ID проблемы	Резюме
JDK-8326371	[BACKOUT] Clean up NativeCompilation.gmk and its newly created parts
JDK-8326375	[REDO] Clean up NativeCompilation.gmk and its newly created parts
JDK-8326376	java -version failed with CONF=fastdebug -XX:InitialCodeCacheSize=1024K -XX:ReservedCodeCacheSize=1200k
JDK-8326378	[PPC64] CodeEntryAlignment too large
JDK-8326381	com.sun.net.httpserver.HttpsParameters and SSLStreams incorrectly handle needClientAuth and wantClientAuth
JDK-8326385	[aarch64] C2: lightweight locking nodes kill the box register without specifying this effect
JDK-8326389	[test] improve assertEquals failure output
JDK-8326404	Assertion error when trying to compile switch with fallthrough with pattern
JDK-8326406	Remove mapfile support from makefiles
JDK-8326412	debuginfo files should not have executable bit set
JDK-8326414	Serial: Inline SerialHeap::create_rem_set
JDK-8326421	Add jtreg test for large arrayCopy disjoint case.
JDK-8326433	Make file-local functions static in src/jdk.jdwp.agent/unix/native/libjdwp/exec_md.c
JDK-8326438	C2: assert(ld→in(1)→Opcode() == Op_LoadN) failed: Assumption invalid: input to DecodeN is not LoadN
JDK-8326446	The User and System of jdk.CPULoad on Apple M1 are inaccurate

ID проблемы	Резюме
JDK-8326458	Menu mnemonics don't toggle in Windows LAF when F10 is pressed
JDK-8326461	tools/jlink/CheckExecutable.java fails as .debuginfo files are not executable
JDK-8326496	[test] checkHsErrFileContent support printing hserr in error case
JDK-8326497	Window.toFront() fails for iconified windows on Linux
JDK-8326509	Clean up JNIEXPORT in Hotspot after JDK-8017234
JDK-8326521	JFR: CompilerPhase event test fails on windows 32 bit
JDK-8326524	Rename agent_common.h
JDK-8326525	com/sun/tools/attach/BasicTests.java does not verify AgentLoadException case
JDK-8326529	JFR: Test for CompilerCompile events fails due to time out
JDK-8326530	Widen allowable error bound of Math.tan
JDK-8326541	[AArch64] ZGC C2 load barrier stub should consider the length of live registers when spilling registers
JDK-8326568	jdk/test/com/sun/net/httpserver/bugs/B6431193.java should use try-with-resource and try-finally
JDK-8326575	Remove unused ContiguousSpace::set_top_for_allocations
JDK-8326578	Clean up networking properties documentation
JDK-8326583	Remove over-generalized DefineNativeToolchain solution
JDK-8326585	COMPARE_BUILD=PATCH fails if patch -R fails

ID проблемы	Резюме
JDK-8326586	Improve Speed of System.map
JDK-8326587	Separate out Microsoft toolchain linking
JDK-8326590	Improve description of MarkStackSize[Max] flags
JDK-8326591	New test JmodExcludedFiles.java fails on Windows when --with-external-symbols-in-bundles=public is used
JDK-8326606	Test javax/swing/text/BoxView/6494356/bug6494356.java performs a synchronization on a value based class
JDK-8326611	Clean up vmTestbase/nsk/stress/stack tests
JDK-8326612	Parallel: remove redundant assertion from ScavengeRootsTask
JDK-8326627	Document Double/Float.valueOf(String) behavior for numeric strings with non-ASCII digits
JDK-8326636	Problem list StartupOutput.java due to 8326615
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-8326653	Remove jdk.internal.reflect.UTF8
JDK-8326659	Serial: Remove redundant TenuredSpace::print_on
JDK-8326661	sun/java2d/cmm/ColorConvertOp/ColConvTest.java assumes profiles were generated by LCMS



ID проблемы	Резюме
JDK-8326666	Remove the Java Management Extension (JMX) Subject Delegation feature
JDK-8326685	Linux builds not reproducible if two builds configured in different build folders
JDK-8326687	Inconsistent use of "ZIP", "Zip" and "zip" in java.util.zip/jar zipfs javadoc
JDK-8326688	Parallel: Remove unnecessary BOT update in UpdateOnlyClosure::do_addr
JDK-8326692	JVMCI Local.endBci is off-by-one
JDK-8326694	Defer setting of autocapitalize attribute
JDK-8326699	ProblemList CertMsgCheck.java
JDK-8326705	Test CertMsgCheck.java fails to find alert certificate_required
JDK-8326714	Make file-local functions static in src/java.base/unix/native/libjava/childproc.c
JDK-8326715	ZGC: RunThese24H fails with ExitCode 139 during shutdown
JDK-8326716	JVMTI spec: clarify what nullptr means for C/C++ developers
JDK-8326717	Disable stringop-overflow in shenandoahLock.cpp
JDK-8326718	Test java/util/Formatter/Padding.java should timeout on large inputs before fix in JDK-8299677
JDK-8326722	Cleanup unnecessary forward declaration in collectedHeap.hpp
JDK-8326726	Problem list Exhaustiveness.java due to 8326616
JDK-8326734	text-decoration applied to <span> lost when mixed with <u> or <s>

ID проблемы	Резюме
JDK-8326742	Change compiler tests without additional VM flags from <code>@run driver</code> to <code>@run main</code>
JDK-8326744	Class-File API transition to Second Preview
JDK-8326763	Consolidate print methods in <code>ContiguousSpace</code>
JDK-8326781	<code>G1ConcurrentMark::top_at_rebuild_start()</code> should take a <code>HeapRegion*</code> not an <code>uint</code>
JDK-8326820	Metadata artificially kept alive
JDK-8326824	Test: remove redundant test in <code>compiler/vectorapi/reshape/utils/TestCastMethods.java</code>
JDK-8326831	Clarify test harness control variables in <code>make help</code>
JDK-8326836	Incorrect <code>@since</code> tags for <code>ClassSignature</code> methods
JDK-8326838	JFR: Native mirror events
JDK-8326853	Missing <code>@since</code> tags for Charset related methods added in Java 10
JDK-8326891	Prefer <code>RPATH</code> over <code>RUNPATH</code> for <code>\$ORIGIN</code> rpaths in internal JDK binaries
JDK-8326892	Remove unused <code>PSAdaptiveSizePolicyResizeVirtualSpaceAlot</code> develop flag
JDK-8326897	(fs) The utility <code>TestUtil.supportsLinks</code> is wrongly used to check for hard link support
JDK-8326898	NSK tests should listen on loopback addresses only
JDK-8326908	<code>DecimalFormat::toPattern</code> throws <code>OutOfMemoryError</code> when pattern is empty string
JDK-8326915	NPE when a validating parser is restricted

ID проблемы	Резюме
JDK-8326936	RISC-V: Shenandoah GC crashes due to incorrect atomic memory operations
JDK-8326941	Remove StringUTF16::isBigEndian
JDK-8326944	(ch) Minor typo in the ScatteringByteChannel.read(ByteBuffer[] dsts,int offset,int length) javadoc
JDK-8326947	Minimize MakeBase.gmk
JDK-8326948	Force English locale for timeout formatting
JDK-8326951	since-checker - missing @ since tags
JDK-8326953	Race in creation of win-exports.def with static-libs
JDK-8326957	Implement JEP 474: ZGC: Generational Mode by Default
JDK-8326959	Improve JVMCI option help
JDK-8326960	GHA: RISC-V sysroot cannot be debootstrapped due to ongoing Debian t64 transition
JDK-8326962	C2 SuperWord: cache VPointer
JDK-8326964	Remove Eclipse Shared Workspaces
JDK-8326974	ODR violation in macroAssembler_aarch64.cpp
JDK-8326975	Parallel: Remove redundant PSOldGen::is_allocated
JDK-8326979	(jdeps) improve the error message for FindException caused by InvalidModuleDescriptorException

ID проблемы	Резюме
JDK-8326983	Unused operands reported after JDK-8326135
JDK-8327002	(fs) java/nio/file/Files/CopyMoveVariations.java should be able to test across file systems
JDK-8327007	javax/swing/JSpinner/8008657/bug8008657.java fails
JDK-8327022	Parallel: Remove experimental dense prefix calculation
JDK-8327040	ProblemList ActionListenerCalledTwiceTest.java test failing in macos14
JDK-8327041	Incorrect lane size references in avx512 instructions.
JDK-8327042	G1: Parallelism used for redirty logged cards needs better control.
JDK-8327045	Consolidate -fvisibility=hidden as a basic flag for all compilation
JDK-8327046	(fs) Files.walk should be clear that depth-first traversal is pre-order
JDK-8327049	Only export debug.cpp functions on Windows
JDK-8327056	Remove unused static char array in JvmtiAgentList::lookup
JDK-8327057	Parallel: Refactor ParMarkBitMap::iterate
JDK-8327058	RISC-V: make Zcb experimental
JDK-8327059	os::Linux::print_proc_sys_info add swappiness information
JDK-8327071	[Testbug] g-tests for cgroup leave files in /tmp on linux
JDK-8327093	Add truncate function to BitMap API

ID проблемы	Резюме
JDK-8327095	(ch) java/nio/channels/AsyncCloseAndInterrupt.java: improve error message when mkfifo fails
JDK-8327096	(fc) java/nio/channels/FileChannel/Size.java fails on partition incapable of creating large files
JDK-8327098	GTest needs larger combination limit
JDK-8327105	compiler.compilercontrol.share.scenario.Executor should listen on loopback address only
JDK-8327108	compiler.lib.ir_framework.shared.TestFrameworkSocket should listen on loopback address only
JDK-8327109	Refactor data graph cloning used in create_new_if_for_predicate() into separate class
JDK-8327110	Refactor create_bool_from_template_assertion_predicate() to separate class and fix identical cloning cases used for Loop Unswitching and Split If
JDK-8327111	Replace remaining usage of create_bool_from_template_assertion_predicate() which requires additional OpaqueLoop*Nodes transformation strategies
JDK-8327125	SpinYield.report should report microseconds
JDK-8327126	Parallel: Remove unused ParMarkBitMapClosure::_initial_words_remaining
JDK-8327130	Serial: Remove Generation::record_spaces_top
JDK-8327136	javax.management.remote/mandatory/notif/NotifReconnectDeadlockTest.java fails on libgraal
JDK-8327137	Add test for ConcurrentModificationException in BasicDirectoryModel

ID проблемы	Резюме
JDK-8327138	Clean up status management in cdsConfig.hpp and CDS.java
JDK-8327147	Improve performance of Math ceil, floor, and rint for x86
JDK-8327167	Clarify the handling of Leap year by Calendar
JDK-8327169	serviceability/dcmd/vm/SystemMapTest.java and SystemDumpMapTest.java may fail after JDK-8326586
JDK-8327171	Fix more NULL usage backsliding
JDK-8327172	C2 SuperWord: data node in loop has no input in loop: replace assert with bailout
JDK-8327173	HotSpot Style Guide needs update regarding nullptr vs NULL
JDK-8327180	Failed: java/io/ObjectStreamClass/ObjectStreamClassCaching.java#G1
JDK-8327182	Move serverAlias into the loop
JDK-8327201	C2: Uninitialized VLoop::_pre_loop_end after JDK-8324890
JDK-8327208	Remove unused method java.util.jar.Manifest.make72Safe
JDK-8327210	AIX: Delete obsolete parameter Use64KPagesThreshold
JDK-8327218	Add an ability to specify modules which should have native access enabled
JDK-8327224	G1: comment in G1BarrierSetC2::post_barrier() refers to nonexistent new_deferred_store_barrier()
JDK-8327225	Revert DataInputStream.readUTF to static final
JDK-8327238	Remove MetadataAllocationFailALot* develop flags

ID проблемы	Резюме
JDK-8327239	Obsolete unused GCLockerEdenExpansionPercent product option
JDK-8327242	Document supported CLDR versions in the javadoc
JDK-8327247	C2 uses up to 2GB of RAM to compile complex string concat in extreme cases
JDK-8327250	assert(!method→is_old()) failed: Should not be installing old methods
JDK-8327261	Parsing test for Double/Float succeeds w/o testing all bad cases
JDK-8327283	RISC-V: Minimal build failed after JDK-8319716
JDK-8327286	Obsolete unused NUMAPageScanRate product option
JDK-8327287	Remove unused FLSVerifyDictionary debug option
JDK-8327288	Obsolete unused ProcessDistributionStride product option
JDK-8327289	Remove unused PrintMethodFlushingStatistics option
JDK-8327290	Remove unused notproduct option TraceInvocationCounterOverflow
JDK-8327361	Update some comments after JDK-8139457
JDK-8327364	Parallel: Remove unused ParallelCompactData::add_obj
JDK-8327365	Inline and remove GCStats
JDK-8327368	javac crash when computing exhaustiveness checks
JDK-8327376	Parallel: Remove unimplemented methods in psParallelCompact.hpp
JDK-8327379	Make TimeLinearScan a develop flag

ID проблемы	Резюме
JDK-8327383	Clean up <code>_Stalled</code> and <code>_Spinner</code> fields
JDK-8327385	Add JavaDoc option to exclude web fonts from generated documentation
JDK-8327387	G1: Refactor region liveness processing after completion of concurrent marking
JDK-8327389	Remove use of <code>HOTSPOT_BUILD_USER</code>
JDK-8327390	JitTester: Implement temporary folder functionality
JDK-8327391	Add SipHash attribution file
JDK-8327401	Some jtreg tests fail on Wayland without any tracking bug
JDK-8327410	Add hostname option for UL file names
JDK-8327413	Enhance compilation efficiency
JDK-8327423	C2 <code>remove_main_post_loops</code> : check if main-loop belongs to pre-loop, not just assert
JDK-8327424	ProblemList serviceability/sa/TestJmapCore.java on all platforms with ZGC
JDK-8327426	RISC-V: Move alignment shim into <code>initialize_header()</code> in <code>C1_MacroAssembler::allocate_array</code>
JDK-8327434	Test <code>java/util/PluggableLocale/TimeZoneNameProviderTest.java</code> timed out
JDK-8327444	simplify <code>RESTARTABLE</code> macro usage in JDK codebase
JDK-8327452	G1: Improve scalability of Merge Log Buffers
JDK-8327460	Compile tests with the same visibility rules as product code



ID проблемы	Резюме
JDK-8327461	KeyStore getEntry is not thread-safe
JDK-8327468	Do not restart close if errno is EINTR [macOS/linux]
JDK-8327474	Review use of java.io.tmpdir in jdk tests
JDK-8327475	Add analysis code for JDK-8327169
JDK-8327476	Upgrade JLine to 3.26.1
JDK-8327477	Parallel: Remove _data_location and _highest_ref in ParallelCompactData
JDK-8327486	java/util/Properties/PropertiesStoreTest.java fails "Text 'xxx' could not be parsed at index 20" after 8174269
JDK-8327487	Further augment WorstCaseTests with more cases
JDK-8327492	Remove applet usage and update DisposeInActionEventTest.html
JDK-8327493	Update minimum Xcode version in docs
JDK-8327499	MethodHandleStatics.traceLambdaForm includes methods that cannot be generated
JDK-8327501	Common ForkJoinPool prevents class unloading in some cases
JDK-8327505	Test com/sun/jmx/remote/NotificationMarshalVersions/TestSerializationMismatch.java fails
JDK-8327512	JShell does not work correctly when a class named Object or Throwable is defined
JDK-8327571	Parallel: Remove redundant operation in PSParallelCompact::clear_data_covering_space

ID проблемы	Резюме
JDK-8327621	Check return value of uname in os::get_host_name
JDK-8327631	Update IANA Language Subtag Registry to Version 2024-03-07
JDK-8327640	Allow NumberFormat strict parsing
JDK-8327647	Occasional SIGSEGV in markWord::displaced_mark_helper() for SPECjvm2008 sunflow
JDK-8327650	Test java/nio/channels/DatagramChannel/StressNativeSignal.java timed out
JDK-8327651	Rename DictionaryEntry members related to protection domain
JDK-8327675	jspawnhelper should be built on all unix platforms
JDK-8327677	Parallel: Remove unused ParallelCompactData::clear
JDK-8327683	Crash with primitive type pattern and generic expression in instanceof
JDK-8327689	RISC-V: adjust test filters of zfh extension
JDK-8327693	C1: LIRGenerator::_instruction_for_operand is only read by assertion code
JDK-8327696	[TESTBUG] "javax/swing/JTable/KeyBoardNavigation/KeyBoardNavigation.java" test instruction needs to be corrected
JDK-8327701	Remove the xlc toolchain
JDK-8327704	Update nsk/jdi tests to use driver instead of othervm
JDK-8327705	Remove mention of "applet" from java.text package description

ID проблемы	Резюме
JDK-8327716	RISC-V: Change type of vector_length param of several assembler functions from int to uint
JDK-8327729	Remove deprecated xxxObject methods from jdk.internal.misc.Unsafe
JDK-8327738	Remove unused internal method sun.n.w.p.h.HttpURLConnection.setDefaultAuthenticator
JDK-8327741	JVM crash in hotspot/share/opto/compile.cpp - failed: missing inlining msg
JDK-8327743	JVM crash in hotspot/share/runtime/javaThread.cpp - failed: held monitor count should be equal to jni: 0 != 1
JDK-8327748	Convert javax/swing/JFileChooser/6798062/bug6798062.java applet test to main
JDK-8327750	Convert javax/swing/JFileChooser/FileFilterDescription/FileFilterDescription.java applet test to main
JDK-8327751	Convert javax/swing/JInternalFrame/6726866/bug6726866.java applet test to main
JDK-8327752	Convert javax/swing/JOptionPane/4174551/bug4174551.java applet to main
JDK-8327753	Convert javax/swing/JOptionPane/8024926/bug8024926.java applet to main
JDK-8327754	Convert javax/swing/JPopupMenu/7160604/bug7160604.java applet to main
JDK-8327755	Convert javax/swing/JScrollBar/8039464/Test8039464.java applet to main
JDK-8327756	Convert javax/swing/JSlider/4987336/bug4987336.java applet to main
JDK-8327757	Convert javax/swing/JSlider/6524424/bug6524424.java applet to main
JDK-8327779	Remove deprecated internal field sun.security.x509.X509Key.key

ID проблемы	Резюме
JDK-8327787	Convert javax/swing/border/Test4129681.java applet test to main
JDK-8327788	G1: Improve concurrent reference processing documentation
JDK-8327790	Improve javadoc for ResolvedJavaType.hasFinalizableSubclass
JDK-8327794	RISC-V: enable extension features based on impid (Rivos specific change)
JDK-8327799	JFR view: the "Park Until" field of jdk.ThreadPark is invalid if the parking method is not absolute
JDK-8327812	JFR: Remove debug message in Function.Maximum
JDK-8327818	Implement Kerberos debug with sun.security.util.Debug
JDK-8327824	Type annotation placed on incorrect array nesting levels
JDK-8327826	Convert javax/swing/border/Test4243289.java applet test to main
JDK-8327829	[JVMCI] runtime/ClassUnload/ConstantPoolDependsTest.java fails on libgraal
JDK-8327835	Convert java/awt/FileDialog/RegexpFilterTest/RegexpFilterTest applet test to main
JDK-8327838	Convert java/awt/FileDialog/MultipleMode/MultipleMode.html applet test to main
JDK-8327839	Crash with unboxing and widening primitive conversion in switch
JDK-8327840	Automate javax/swing/border/Test4129681.java
JDK-8327854	Test java/util/stream/test/org/openjdk/tests/java/util/stream/WhileOpStatefulTest.java failed with RuntimeException

ID проблемы	Резюме
JDK-8327856	Convert applet test SpanishDiacriticsTest.java to a main program
JDK-8327857	Remove applet usage from JColorChooser tests Test4222508
JDK-8327859	Remove applet usage from JColorChooser tests Test4319113
JDK-8327872	Convert javax/swing/JToolTip/4644444/bug4644444.java applet test to main
JDK-8327873	Convert javax/swing/border/Test4247606.java applet test to main
JDK-8327874	Convert javax/swing/JTree/4314199/bug4314199.java applet test to main
JDK-8327875	ChoiceFormat should advise throwing UnsupportedOperationException for unused methods
JDK-8327876	Convert javax/swing/border/Test4252164.java applet test to main
JDK-8327879	Convert javax/swing/border/Test4760089.java applet test to main
JDK-8327924	Simplify TrayIconScalingTest.java
JDK-8327945	Inline HasScavengableOops
JDK-8327946	containers/docker/TestJFREvents.java fails when host kernel config vm.swappiness=0 after JDK-8325139
JDK-8327964	Simplify BigInteger.implMultiplyToLen intrinsic
JDK-8327969	Convert javax/swing/border/Test6910490.java applet test to main
JDK-8327971	Multiple ASAN errors reported for metaspace

ID проблемы	Резюме
JDK-8327972	Convert java/awt/FileDialog/SaveFileNameOverrideTest/SaveFileNameOverrideTest.html applet test to main
JDK-8327978	C2 SuperWord: Fix compilation time regression in dependency graph traversal after JDK-8325651
JDK-8327980	Convert javax/swing/JToggleButton/4128979/bug4128979.java applet test to main
JDK-8327986	ASAN reports use-after-free in DirectivesParserTest.empty_object_vm
JDK-8327988	When running ASAN, disable dangerous NMT test
JDK-8327989	java/net/httpclient/ManyRequest.java should not use "localhost" in URIs
JDK-8327990	[macosx-aarch64] Various tests fail with -XX:+AssertWXAtThreadSync
JDK-8327991	Improve HttpClient documentation with regard to reclaiming resources
JDK-8327994	Update code gen in CallGeneratorHelper
JDK-8327995	Remove unused Unused_Variable
JDK-8327997	G1: Move G1ScanClosureBase::reference_iteration_mode to subclass
JDK-8327998	Enable java/lang/ProcessBuilder/JspawnhelperProtocol.java on Mac
JDK-8327999	Remove copy of unused registers for cpu features check in x86_64 AVX2 Poly1305 implementation
JDK-8328000	Convert /java/awt/im/8154816/bug8154816.java applet test to main
JDK-8328004	Minor updates to TrayIcon test DisposeInActionEventTest.java

ID проблемы	Резюме
JDK-8328005	Convert java/awt/im/JTextFieldTest.java applet test to main
JDK-8328006	refactor large anonymous inner class in HtmlDocletWriter
JDK-8328011	Convert java/awt/Frame/GetBoundsResizeTest/GetBoundsResizeTest.java applet test to main
JDK-8328012	Convert InputMethod (/java/awt/im) applet tests to main
JDK-8328021	Convert applet test java/awt/List/SetFontTest/SetFontTest.html to main program
JDK-8328030	Convert javax/swing/text/GlyphView/4984669/bug4984669.java applet test to main
JDK-8328035	Convert javax/swing/text/html/TableView/7030332/bug7030332.java applet test to main
JDK-8328037	Test java/util/Formatter/Padding.java has unnecessary high heap requirement after JDK-8326718
JDK-8328064	Remove obsolete comments in constantPool and metadataFactory
JDK-8328066	WhiteBoxResizeTest failure on linux-x86: Could not reserve enough space for 2097152KB object heap
JDK-8328074	Add jcheck whitespace checking for assembly files
JDK-8328075	Shenandoah: Avoid forwarding when objects don't move in full-GC
JDK-8328079	JDK-8326583 broke ccache compilation
JDK-8328083	degrade virtual thread support for GetObjectMonitorUsage
JDK-8328087	Automate javax/swing/JTable/TAB/TAB.java applet test

ID проблемы	Резюме
JDK-8328089	Automate javax/swing/JTable/4222153/bug4222153.java applet test
JDK-8328101	Parallel: Obsolete ParallelOldDeadWoodLimiterMean and ParallelOldDeadWoodLimiterStdDev
JDK-8328106	COMPARE_BUILD improvements
JDK-8328110	Allow simultaneous use of PassFaiUFrame with split UI and additional windows
JDK-8328112	Remove CardTable::_guard_region
JDK-8328115	Convert java/awt/font/TextLayout/TestJustification.html applet test to main
JDK-8328121	Remove applet usage from JColorChooser tests Test4759306
JDK-8328124	Convert java/awt/Frame/ShownOnPack/ShownOnPack.html applet test to main
JDK-8328130	Remove applet usage from JColorChooser tests Test4759934
JDK-8328135	javax/management/remote/mandatory/loading/MissingClassTest.java fails on libgraal
JDK-8328137	PreserveAllAnnotations can cause failure of class retransformation
JDK-8328139	Prefer 'override' to 'virtual' in subclasses of 'GCInitLogger'
JDK-8328146	Set LIBCXX automatically
JDK-8328154	Convert sun/java2d/loops/CopyAreaSpeed.java applet test to main
JDK-8328157	Move C[XX]FLAGS_JDK[LIB/EXE] to JdkNativeCompilation.gmk
JDK-8328158	Convert java/awt/Choice/NonFocusablePopupMenuTest to automatic main test



ID проблемы	Резюме
JDK-8328165	improve assert(idx < _maxlrg) failed: oob
JDK-8328166	Epsilon: 'EpsilonHeap::allocate_work' misuses the parameter 'size' as size in bytes
JDK-8328168	Epsilon: Premature OOM when allocating object larger than uncommitted heap size
JDK-8328177	Move LDFLAGS_JDK[LIB/EXE] to JdkNativeCompilation.gmk
JDK-8328181	C2: assert(MaxVectorSize >= 32) failed: vector length should be >= 32
JDK-8328183	Minor mistakes in docs of PrintStream.append()
JDK-8328185	Convert java/awt/image/MemoryLeakTest/MemoryLeakTest.java applet test to main
JDK-8328190	Convert AWTPanelSmoothWheel.html applet test to main
JDK-8328194	Add a test to check default rendering engine
JDK-8328218	Delete test java/awt/Window/FindOwner/FindOwner.html
JDK-8328225	Convert ImageDecoratedDnD.html applet test to main
JDK-8328227	Remove applet usage from JColorChooser tests Test4887836
JDK-8328228	Missing comma in copyright year for a few JColorChooser tests
JDK-8328234	Remove unused nativeUtils files
JDK-8328236	module_entry in CDS map file has stale value
JDK-8328238	Convert few closed manual applet tests to main
JDK-8328242	Add a log area to the PassFailUIFrame

ID проблемы	Резюме
JDK-8328244	Convert javax/swing/JSlider/6742358/bug6742358.java applet test to main
JDK-8328247	Remove redundant dir for tests converted from applet to main
JDK-8328248	Convert javax/swing/JSlider/6587742/bug6587742.java applet test to main
JDK-8328261	public lookup fails with IllegalAccessException when used while module system is being initialized
JDK-8328262	Convert javax/swing/JSplitPane/8132123/bug8132123.java applet test to main
JDK-8328264	AArch64: remove UseNeon condition in CRC32 intrinsic
JDK-8328269	NonFocusablePopupMenuTest.java should be marked as headful
JDK-8328272	[AIX] Use flag kind "diagnostic" for platform specific flags
JDK-8328273	sun/management/jmxremote/bootstrap/RmiRegistrySslTest.java failed with java.rmi.server.ExportException: Port already in use
JDK-8328275	CodeCache::print_internals should not be called in PRODUCT code
JDK-8328278	Do not print the tenuring threshold in AgeTable::print_on
JDK-8328279	Convert java/awt/Cursor/CursorOverlappedPanelsTest test to main
JDK-8328285	GetOwnedMonitorInfo functions should use JvmtiHandshake
JDK-8328299	Convert DnDFileGroupDescriptor.html applet test to main
JDK-8328300	Convert PrintDialogsTest.java from Applet to main program
JDK-8328301	Convert Applet test ManualHTMLDataFlavorTest.java to main program

ID проблемы	Резюме
JDK-8328303	3 JDI tests timed out with UT enabled
JDK-8328309	Remove malformed masked shift instruction selection patterns
JDK-8328312	runtime/stack/Stack0*.java fails intermittently on libgraal
JDK-8328316	Finisher cannot emit if stream is sequential and integrator returned false
JDK-8328318	Wrong description in X509Extension.getExtensionValue method javadoc
JDK-8328328	Convert javax/swing/JTabbedPane/4666224/bug4666224.java applet test to main
JDK-8328339	Static import prevents source launcher from finding class with main method
JDK-8328341	Remove deprecated per-thread compiler stats in sun.management
JDK-8328350	G1: Remove DO_DISCOVERED_AND_DISCOVERY
JDK-8328352	Serial: Inline SerialBlockOffsetSharedArray
JDK-8328361	Use memset() in method CardTable::dirty_MemRegion()
JDK-8328364	Remove redundant fields in 'BOTConstants'
JDK-8328366	Thread.setContextClassLoader from thread in FJP commonPool task no longer works after JDK-8327501
JDK-8328367	Convert java/awt/Component/UpdatingBootTime test to main
JDK-8328368	Convert java/awt/image/multiresolution/MultiDisplayTest/MultiDisplayTest.java applet test to main
JDK-8328370	Convert java/awt/print/Dialog/PrintApplet.java applet test to main

ID проблемы	Резюме
JDK-8328377	Convert java/awt/Cursor/MultiResolutionCursorTest test to main
JDK-8328378	Convert java/awt/FileDialog/FileDialogForDirectories test to main
JDK-8328379	Convert URLDragTest.html applet test to main
JDK-8328380	Remove applet usage from JColorChooser tests Test6348456
JDK-8328382	Convert java/awt/FileDialog/FileDialogForPackages test to main
JDK-8328383	Method is not used: com.sun.tools.javac.comp.Attr::thisSym
JDK-8328384	Convert java/awt/FileDialog/FileDialogOpenDirTest test to main
JDK-8328385	Convert java/awt/FileDialog/FileDialogReturnTest test to main
JDK-8328386	Convert java/awt/FileDialog/FileNameOverrideTest test to main
JDK-8328387	Convert java/awt/Frame/FrameStateTest/FrameStateTest.html applet test to main
JDK-8328398	Convert java/awt/im/4490692/bug4490692.html applet test to main
JDK-8328401	Convert java/awt/Frame/InitialMaximizedTest/InitialMaximizedTest.html applet test to automated
JDK-8328402	Implement pausing functionality for the PassFaiUFrame
JDK-8328403	Remove applet usage from JColorChooser tests Test6977726
JDK-8328404	RISC-V: Fix potential crash in C2_MacroAssembler::arrays_equals
JDK-8328480	C2: SubTypeCheckNode in checkcast should use the klass constant of a unique concrete sub class

ID проблемы	Резюме
JDK-8328481	Implement JEP 476: Module Import Declarations (Preview)
JDK-8328482	Convert and Open source few manual applet test to main based
JDK-8328484	Convert and Opensource few JFileChooser applet test to main
JDK-8328501	Incorrect @since tags for java security interfaces
JDK-8328507	Move StackWatermark code from safepoint cleanup
JDK-8328508	Unify the signatures of the methods address_for_index() and index_for() in BOT implementations
JDK-8328524	[x86] StringRepeat.java failure on linux-x86: Could not reserve enough space for 2097152KB object heap
JDK-8328540	test javax/swing/JSplitPane/4885629/bug4885629.java fails on windows hidpi
JDK-8328541	Remove or update obsolete comment in JRootPane
JDK-8328555	hidpi problems for test java/awt/Dialog/DialogAnotherThread/JaWSTest.java
JDK-8328556	Do not extract large CKO_SECRET_KEY keys from the NSS Software Token
JDK-8328558	Convert javax/swing/JCheckBox/8032667/bug8032667.java applet test to main
JDK-8328560	java/awt/event/MouseEvent/ClickDuringKeypress/ClickDuringKeypress.java imports Applet
JDK-8328561	test java/awt/Robot/ManualInstructions/ManualInstructions.java isn't used
JDK-8328562	Convert java/awt/InputMethods/DiacriticsTest/DiacriticsTest.java applet test to main

ID проблемы	Резюме
JDK-8328570	Convert closed JViewport manual applet tests to main
JDK-8328572	JFR: Use Class.forName(String)
JDK-8328589	unify os::breakpoint among posix platforms
JDK-8328592	hprof tests fail with -XX:-CompactStrings
JDK-8328602	Parallel: Incorrect assertion in fill_dense_prefix_end
JDK-8328604	remove on_aix() function
JDK-8328611	Thread safety issue in com.sun.tools.jdi.ReferenceTypeImpl::classObject
JDK-8328612	AdaptiveSizePolicySpaceOverheadTester::is_exceeded() print max_eden_size twice
JDK-8328614	hsdis: dlsym can't find decode symbol
JDK-8328619	sun/management/jmxremote/bootstrap/SSLConfigFilePermissionTest.java failed with BindException: Address already in use
JDK-8328627	JShell documentation should be clearer about "remote runtime system"
JDK-8328628	JDK-8328157 incorrectly sets -MT on all compilers in jdk.jpackage
JDK-8328630	Add logging when needed symbols in dll are missing.
JDK-8328631	Convert java/awt/InputMethods/InputMethodsTest/InputMethodsTest.java applet test to manual
JDK-8328633	s390x: Improve vectorization of Match.sqrt() on floats
JDK-8328638	Fallback option for POST-only OCSP requests

ID проблемы	Резюме
JDK-8328642	Convert applet test MouseDraggedOutCauseScrollingTest.html to main
JDK-8328647	TestGarbageCollectorMXBean.java fails with C1-only and -Xcomp
JDK-8328648	Remove applet usage from JFileChooser tests bug4150029
JDK-8328649	Disallow enclosing instances for local classes in constructor prologues
JDK-8328665	serviceability/jvmti/vthread/PopFrameTest failed with a timeout
JDK-8328670	Automate and open source few closed manual applet test
JDK-8328671	Mark <code>allocate_new_tlab</code> and <code>unsafe_max_tlab_alloc</code> of <code>CollectedHeap</code> as pure <code>virtual</code>
JDK-8328673	Convert closed text/html/CSS manual applet test to main
JDK-8328679	Improve comment for <code>UNSAFE_ENTRY_SCOPED</code> in <code>unsafe.cpp</code>
JDK-8328680	Introduce <code>JDK_LIB</code> , and clean up module native compilation
JDK-8328697	SubMenuShowTest and SwallowKeyEvents tests stabilization
JDK-8328698	<code>oopDesc::klass_raw()</code> decodes without a null check
JDK-8328700	Unused import and variable should be deleted in <code>regex</code> package
JDK-8328702	C2: Crash during parsing because sub type check is not folded
JDK-8328703	Illegal accesses in <code>Java_jdk_internal_org_jline_terminal_impl_jna_linux_CLibraryImpl_ioctl0</code>
JDK-8328705	GHA: Cross-compilation jobs do not require build JDK

ID проблемы	Резюме
JDK-8328709	AIX os::get_summary_cpu_info support Power 10
JDK-8328717	Convert javax/swing/JColorChooser/8065098/bug8065098.java applet test to main
JDK-8328719	Convert java/awt/print/PageFormat/SetOrient.html applet test to main
JDK-8328730	Convert java/awt/print/bug8023392/bug8023392.html applet test to main
JDK-8328741	serviceability/jvmti/ObjectMonitorUsage/ObjectMonitorUsage.java failed with unexpected owner
JDK-8328744	Parallel: Parallel GC throws OOM before heap is fully expanded
JDK-8328747	WrongMethodTypeException with pattern matching on switch on sealed classes
JDK-8328753	Open source few Undecorated Frame tests
JDK-8328758	GetCurrentContentedMonitor function should use JvmtiHandshake
JDK-8328776	[AIX] remove checked_vmgetinfo, use vmgetinfo directly
JDK-8328785	IOException: Symbol not found: C_GetInterface for PKCS11 interface prior to V3.0
JDK-8328786	[AIX] move some important warnings/errors from trcVerbose to UL
JDK-8328792	Parallel: Refactor PParallelCompact::summary_phase
JDK-8328812	Update and move siphash license
JDK-8328819	Remove applet usage from JFileChooser tests bug6698013
JDK-8328822	C2: "negative trip count?" assert failure in profile predicate code



ID проблемы	Резюме
JDK-8328824	Clean up java.base native compilation
JDK-8328825	Google CAInterop test failures
JDK-8328827	Convert java/awt/print/PrinterJob/PrinterDialogsModalityTest/PrinterDialogsModalityTest.html applet test to main
JDK-8328858	More runtime/stack tests fail intermittently on libgraal
JDK-8328862	Remove unused GrowableArrayFilterIterator
JDK-8328864	NullPointerException in sun.security.jca.ProviderList.getService()
JDK-8328879	G1: Some gtests modify global state crashing the JVM during GC after JDK-8289822
JDK-8328896	Fontmetrics for large Fonts has zero width
JDK-8328928	Serial: Use IsGCActiveMark instead of AutoModifyRestore in SerialHeap::do_collection
JDK-8328930	[AIX] remove pase related coding
JDK-8328932	Parallel: Proper partial object setup in fill_dense_prefix_end
JDK-8328934	Assert that ABS input and output are legal
JDK-8328938	C2 SuperWord: disable vectorization for large stride and scale
JDK-8328948	GHA: Restoring sysroot from cache skips the build after JDK-8326960
JDK-8328953	JEditorPane.read throws ChangedCharSetException

ID проблемы	Резюме
JDK-8328957	Update PKCS11Test.java to not use hardcoded path
JDK-8328986	Deprecate UseRTM* flags for removal
JDK-8328997	Remove unnecessary template parameter lists in GrowableArray
JDK-8328998	Encoding support for Intel APX extended general-purpose registers
JDK-8328999	Update GIFlib to 5.2.2
JDK-8329004	Update Libpng to 1.6.43
JDK-8329012	IGV: Update required JDK version in README.md
JDK-8329013	StackOverflowError when starting Apache Tomcat with signed jar
JDK-8329074	AIX build fails after JDK-8328824
JDK-8329083	RISC-V: Update profiles supported on riscv
JDK-8329086	Clean up java.desktop native compilation
JDK-8329088	Stack chunk thawing races with concurrent GC stack iteration
JDK-8329089	Empty immutable list throws the wrong exception type for remove(first   last) operations
JDK-8329096	G1: Change the type of G1BlockOffsetTable::_offset_base to uint8_t*
JDK-8329099	Undocumented exception thrown by Instruction factory methods accepting Opcode
JDK-8329102	Clean up jdk.jpackage native compilation

ID проблемы	Резюме
JDK-8329103	assert(!thread→in_asgct()) failed during multi-mode profiling
JDK-8329109	Threads::print_on() tries to print CPU time for terminated GC threads
JDK-8329112	Clean up CDS checking of unsupported module options
JDK-8329113	Deprecate -XX:+UseNotificationThread
JDK-8329115	Crash involving return from inner switch
JDK-8329118	Run MessageFormat additional subformat pattern tests under en_US locale
JDK-8329126	No native wrappers generated anymore with -XX:-TieredCompilation after JDK-8251462
JDK-8329131	Fold libjli_static back into libjli on AIX
JDK-8329134	Reconsider TLAB zapping
JDK-8329135	Store Universe::*exception_instance() in CDS archive
JDK-8329138	Convert JFR FileForceEvent to static mirror event
JDK-8329150	Remove CDS support for LatestMethodCache
JDK-8329163	C2: possible overflow in PhaseIdealLoop::extract_long_range_checks()
JDK-8329169	Parallel: Remove unused local variable in MutableSpace::print_on
JDK-8329174	update CodeBuffer layout in comment after constants section moved
JDK-8329178	Clean up jdk.accessibility native compilation

ID проблемы	Резюме
JDK-8329189	runtime/stack/Stack016.java fails on libgraal
JDK-8329190	(ch) DatagramChannel.receive should throw ClosedChannelException when called on closed channel
JDK-8329191	JVMCI compiler warning is truncated
JDK-8329194	Cleanup Type::cmp definition and usage
JDK-8329201	C2: Replace TypeInterfaces::intersection_with() + eq() with contains()
JDK-8329203	Parallel: Investigate Mark-Compact for Full GC to decrease memory usage
JDK-8329210	Delete Redundant Printer Dialog Modality Test
JDK-8329213	Better validation for com.sun.security.ocsp.useget option
JDK-8329222	java.text.NumberFormat (and subclasses) spec updates
JDK-8329223	Parallel: Parallel GC resizes heap even if -Xms = -Xmx
JDK-8329254	optimize integral reverse operations on x86 GFNI target.
JDK-8329257	AIX: Switch HOTSPOT_TOOLCHAIN_TYPE from xlc to gcc
JDK-8329258	TailCall should not use frame pointer register for jump target
JDK-8329261	G1: interpreter post-barrier x86 code asserts index size of wrong buffer
JDK-8329273	C2 SuperWord: Some basic MemorySegment IR tests
JDK-8329289	Unify SetupJdkExecutable and SetupJdkLibrary

ID проблемы	Резюме
JDK-8329292	Fix missing cleanups in java.management and jdk.management
JDK-8329296	Update Elements for '///' documentation comments
JDK-8329320	Simplify awt/print/PageFormat/NullPaper.java test
JDK-8329322	Convert PageFormat/Orient.java to use PassFaiUFrame
JDK-8329330	NoClassDefFoundError: Could not initialize class jdk.jfr.internal.MirrorEvents
JDK-8329331	Intrinsify Unsafe::setMemory
JDK-8329332	Remove CompiledMethod and CodeBlobLayout classes
JDK-8329337	Problem list BufferStrategyExceptionTest.java on Windows
JDK-8329340	Remove unused libawt code
JDK-8329352	Remove dead code in splashscreen_sys.c
JDK-8329353	ResolvedReferencesNotNullTest.java failed with Incorrect resolved references array, quxString should not be archived
JDK-8329354	java/text/Format/MessageFormat/CompactSubFormats.java fails
JDK-8329355	Test compiler/c2/irTests/TestIfMinMax.java fails on RISC-V
JDK-8329358	Generational ZGC: Remove the unused method ZPointer::set_remset_bits
JDK-8329368	Generational ZGC: Remove the unnecessary friend classes in ZAllocator
JDK-8329416	Split relocation pointer map into read-write and read-only maps

ID проблемы	Резюме
JDK-8329417	Remove objects with no pointers from relocation bitmap
JDK-8329418	Replace pointers to tables with offsets in relocation bitmap
JDK-8329420	Java 22 (and 23) launcher calls default constructor although main() is static
JDK-8329421	Native methods can not be selectively printed
JDK-8329425	ProblemList containers/docker/TestJFREvents.java on linux-x64
JDK-8329426	ProblemList vmTestbase/nsk/jvmti/scenarios/capability/CM03/cm03t001/TestDescription.java with Xcomp on windows-x64
JDK-8329427	ProblemList javax/sound/sampled/Clip/ClipFlushCrash.java on linux-x64
JDK-8329428	ProblemList vmTestbase/nsk/stress/thread/thread006.java on linux-all in Xcomp
JDK-8329430	MetaspaceShared::preload_and_dump should clear pending exception
JDK-8329431	Improve speed of writing CDS heap objects
JDK-8329432	PopFrame and ForceEarlyReturn functions should use JvmtiHandshake
JDK-8329433	Reduce nmethod header size
JDK-8329469	Generational ZGC: Move the methods forwarding_[index find insert] from zRelocate.cpp to ZForwarding
JDK-8329470	Remove obsolete CDS SharedStrings tests
JDK-8329488	Move OopStorage code from safepoint cleanup and remove safepoint cleanup code

ID проблемы	Резюме
JDK-8329491	GetThreadListStackTraces function should use JvmtiHandshake
JDK-8329493	Parallel: Remove unused ParallelArguments::heap_max_size_bytes
JDK-8329494	Serial: Merge GenMarkSweep into MarkSweep
JDK-8329510	Update ProblemList for JFileChooser/8194044/FileSystemRootTest.java
JDK-8329521	Serial: Rename MarkSweep to SerialFullGC
JDK-8329527	Opcodes.IFNONNULL.primaryTypeKind() is not ReferenceType
JDK-8329528	G1 does not update TAMS correctly when dropping retained regions during Concurrent Start pause
JDK-8329529	Serial: Move _saved_mark_word out of ContiguousSpace
JDK-8329531	compiler/c2/irTests/TestIfMinMax.java fails with IRViolationException: There were one or multiple IR rule failures.
JDK-8329533	TestCDSVMCrash fails on libgraal
JDK-8329537	Nested and enclosing classes should be linked separately in breadcrumb navigation
JDK-8329538	Accelerate P256 on x86_64 using Montgomery intrinsic
JDK-8329545	[s390x] Fix garbage value being passed in Argument Register
JDK-8329546	Assume sized integral types are available
JDK-8329555	Crash in intrinsifying heap-based MemorySegment Vector store/loads
JDK-8329557	Fix statement around MathContext.DECIMAL128 rounding

ID проблемы	Резюме
JDK-8329559	Test javax/swing/JFrame/bug4419914.java failed because The End and Start buttons are not placed correctly and Tab focus does not move as expected
JDK-8329564	[JVMCI] TranslatedException::debugPrintStackTrace does not work in the libjvmci compiler.
JDK-8329570	G1: Excessive is_obj_dead_cond calls in verification
JDK-8329580	Parallel: Remove VerifyObjectStartArray
JDK-8329581	Java launcher no longer prints a stack trace
JDK-8329593	Drop adjustments to target parallelism when virtual threads do I/O on files opened for buffered I/O
JDK-8329594	G1: Consistent Titles to Thread Work Items.
JDK-8329595	spurious variable "might not have been initialized" on static final field
JDK-8329603	G1: Merge G1BlockOffsetTablePart into G1BlockOffsetTable
JDK-8329605	hs errfile generic events - move memory protections and nmethod flushes to separate sections
JDK-8329617	Update stylesheet for specs and tool documentation
JDK-8329623	NegativeArraySizeException encoding large String to UTF-8
JDK-8329624	Add visitors for preview language features
JDK-8329628	Additional changes after JDK-8329332
JDK-8329629	GC interfaces should work directly against nmethod instead of CodeBlob



ID проблемы	Резюме
JDK-8329636	Deprecate -XX:+PreserveAllAnnotations
JDK-8329637	Apparent typo in java.security file property jdk.tls.keyLimits
JDK-8329641	RISC-V: Enable some tests related to SHA-2 intrinsic
JDK-8329644	Discuss expected visitor evolution patterns in javax.lang.model.util
JDK-8329651	TestLibGraal.java crashes with assert(_stack_base != nullptr)
JDK-8329653	JLILaunchTest fails on AIX after JDK-8329131
JDK-8329655	Cleanup KlassObj and klassOop names after the PermGen removal
JDK-8329656	assertion failed in MAP_ARCHIVE_MMAP_FAILURE path: Invalid immediate -5 0
JDK-8329658	Serial: Refactor ContiguousSpace::_next_compaction_space
JDK-8329659	Serial: Extract allowed_dead_ratio from ContiguousSpace
JDK-8329660	G1: Improve TestGCLogMessages to be more precise
JDK-8329661	Refactor ScavengableNMethods::verify_unlisted_nmethods
JDK-8329662	Add a test to verify the behaviour of the default HEAD() method on HttpRequest.Builder
JDK-8329663	hs_err file event log entry for thread adding/removing should print current thread
JDK-8329665	fatal error: memory leak: allocating without ResourceMark
JDK-8329667	[macos] Issue with JTree related fix for JDK-8317771

ID проблемы	Резюме
JDK-8329672	Only call SetupNativeCompilation from SetupJdkNativeCompilation
JDK-8329674	JvmtiEnvThreadState::reset_current_location function should use JvmtiHandshake
JDK-8329691	Support nonlikelyScript parent locale inheritance
JDK-8329692	Add more details to FrameStateTest.java test instructions
JDK-8329703	Remove unused apple.jpeg file from SwingSet2 demo
JDK-8329704	Implement framework for proper handling of JDK_LIBS
JDK-8329717	Missing @since tags in elements in DocumentationTool and Taglet
JDK-8329718	Incorrect @since tags in elements in jdk.compiler and java.compiler
JDK-8329720	Gtest failure printing markword after JDK-8325303
JDK-8329726	Use non-short forward jumps in lightweight locking
JDK-8329729	java/util/Properties/StoreReproducibilityTest.java times out
JDK-8329733	Update the documentation in java.net.SocketOptions to direct to java.net.StandardSocketOptions
JDK-8329745	Update the documentation of ServerSocket and Socket to refer to StandardSocketOptions instead of legacy SocketOptions
JDK-8329748	Change default value of AssertWXAtThreadSync to true
JDK-8329749	Obsolete the unused UseNeon flag
JDK-8329750	Change Universe functions to return more specific Klass* types

ID проблемы	Резюме
JDK-8329757	Crash with fatal error: DEBUG MESSAGE: Fast Unlock lock on stack
JDK-8329761	Remove unused KeyBuilder and unusedSets from StyleContext
JDK-8329764	G1: Handle null references during verification first
JDK-8329766	Serial: Refactor SerialBlockOffsetTable API
JDK-8329767	G1: Move G1BlockOffsetTable::set_for_starts_humongous to HeapRegion
JDK-8329771	G1: Refactor G1BlockOffsetTable::verify
JDK-8329774	Break long lines in jdk/src/jdk.hotspot.agent/doc /transported_core.html
JDK-8329775	Serial: Remove unused declarations in serialFullGC.hpp
JDK-8329781	Serial: Remove serialFullGC.inline.hpp
JDK-8329784	Run MaxMetaspaceSizeTest.java with -Xshare:off
JDK-8329787	Fix typo in CLDRConverter
JDK-8329797	Shenandoah: Default case invoked for: "MaxL" (bad AD file)
JDK-8329805	Deprecate for removal ObjectOutputStream.PutField.write
JDK-8329823	RISC-V: Need to sync CPU features with related JVM flags
JDK-8329825	Clarify the value type for java.net.SocketOptions.SO_LINGER
JDK-8329839	Cleanup ZPhysicalMemoryBacking trace logging
JDK-8329840	Fix ZPhysicalMemorySegment::_end type

ID проблемы	Резюме
JDK-8329850	[AIX] Allow loading of different members of same shared library archive
JDK-8329858	G1: Make G1VerifyLiveAndRemSetClosure stateless
JDK-8329862	libjli GetApplicationHome cleanups and enhance jli tracing
JDK-8329864	TestLibGraal.java still crashes with assert(_stack_base != nullptr)
JDK-8329875	Serial: Move preservedMarks.inline.hpp to serialFullGC.cpp
JDK-8329878	Reduce public interface of CardTableBarrierSet
JDK-8329884	Serial: Fix build failure due to "Copy"™ has not been declared
JDK-8329898	Revert one use of markWord.is_unlocked back to is_neutral
JDK-8329948	Remove string template feature
JDK-8329955	Class-File API ClassPrinter does not print bootstrap methods arguments
JDK-8329956	G1: Remove unimplemented collection_set_candidate_short_type_str
JDK-8329958	Windows x86 build fails: downcallLinker.cpp(36) redefinition
JDK-8329961	Buffer overflow in os::Linux::kernel_version
JDK-8329962	Remove CardTable::invalidate
JDK-8329967	Build failure after JDK-8329628
JDK-8329970	Update autoconf build-aux files with latest from 2024-01-01

ID проблемы	Резюме
JDK-8329982	compiler/jvmci/jdk.vm.ci.code.test/src/jdk/vm/ci/code/test/SimpleDebugInfoTest.java failed assert(oopDesc::is_oop_or_null(val)) failed: bad oop found
JDK-8329995	Restricted access to <code>/proc</code> can cause JFR initialization to crash
JDK-8329997	Add provisions for checking memory segment alignment constraints
JDK-8329998	Remove double initialization for parts of small TypeArrays in ZObjArrayAllocator
JDK-8330000	ZGC: ZObjArrayAllocator may unnecessarily clear TypeArrays twice
JDK-8330002	Remove redundant public keyword in BarrierSet
JDK-8330003	Serial: Move the logic of FastEvacuateFollowersClosure to SerialHeap
JDK-8330004	Refactor cloning down code in Split If for Template Assertion Predicates
JDK-8330005	RandomGeneratorFactory.getDefault() throws exception when the runtime image only has java.base module
JDK-8330006	Serial: Extract out ContiguousSpace::block_start_const
JDK-8330008	[s390x] Test bit "in-memory" in case of DiagnoseSyncOnValueBasedClasses
JDK-8330011	[s390x] update block-comments to make code consistent
JDK-8330016	Stress seed should be initialized for runtime stub compilation
JDK-8330024	[AIX] replace my_disclaim64 helper by direct call to disclaim64
JDK-8330026	Serial: Move some includes to vmStructs_serial.hpp
JDK-8330027	Identity hashes of archived objects must be based on a reproducible random seed

ID проблемы	Резюме
JDK-8330033	com/sun/net/httpserver/bugs/B6431193.java fails in AssertionError after JDK-8326568
JDK-8330047	ASAN build error with gcc 13
JDK-8330049	Remove unused AbstractLinker::linkerByteOrder
JDK-8330051	Small ObjectMonitor spinning code cleanups
JDK-8330053	JFR: Use LocalDateTime instead ZonedDateTime
JDK-8330063	Upgrade jQuery to 3.7.1
JDK-8330064	JFR: Incorrect function declarations for register/unregister_stack_filter
JDK-8330066	HeapDumpPath and HeapDumpGzipLevel VM options do not mention HeapDumpBeforeFullGC and HeapDumpAfterFullGC
JDK-8330076	NMT: add/make a mandatory MEMFLAGS argument to family of os::reserve/commit/uncommit memory API
JDK-8330077	Allow max number of events to be buffered to be configurable to avoid OVERFLOW_EVENT
JDK-8330094	RISC-V: Save and restore FRM in the call stub
JDK-8330095	RISC-V: Remove obsolete vandn_vi instruction
JDK-8330103	Compiler memory statistics should keep separate records for C1 and C2
JDK-8330105	SharedRuntime::resolve* should respect interpreter-only mode
JDK-8330106	C2: VectorInsertNode::make() shouldn't call ConINode::make() directly

ID проблемы	Резюме
JDK-8330107	Separate out "awt" libraries from Awt2dLibraries.gmk
JDK-8330108	Increase CipherInputStream buffer size
JDK-8330110	AIX build fails after JDK-8329704 - issue with libjli.a
JDK-8330131	Problemlist serviceability/jvmti/vthread/GetThreadStateMountedTest/GetThreadStateMountedTest.java
JDK-8330133	libj2pkcs11.so crashes on some pkcs#11 v3.0 libraries
JDK-8330145	Serial: Refactor SerialHeap::scan_evacuated_objs
JDK-8330146	assert(!_thread→is_in_any_VTMS_transition()) failed
JDK-8330153	C2: dump barrier information for all Mach nodes
JDK-8330154	Serial: Remove TenuredSpace::update_for_block
JDK-8330155	Serial: Remove TenuredSpace
JDK-8330156	RISC-V: Range check auipc + signed 12 imm instruction
JDK-8330158	C2: Loop strip mining uses ABS with min int
JDK-8330163	C2: improve CMoveNode::Value() when condition is always true or false
JDK-8330165	C2: make superword consistently use PhaseDealLoop::register_new_node()
JDK-8330172	G1: Consolidate update_bot_for_block and update_bot_for_obj in HeapRegion
JDK-8330176	Typo in Linker javadoc

ID проблемы	Резюме
JDK-8330178	Clean up non-standard use of /** comments in <code>java.base</code>
JDK-8330179	Clean up non-standard use of /** comments in <code>jdk.compiler</code>
JDK-8330181	Move PcDesc cache from nmethod header
JDK-8330185	Potential uncaught unsafe memory copy exception
JDK-8330196	Make <code>java/lang/invoke/defineHiddenClass/BasicTest</code> release agnostic
JDK-8330197	Make <code>javac/diags/example</code> release agnostic
JDK-8330213	RISC-V: C2: <code>assert(false)</code> failed: bad AD file after JDK-8316991
JDK-8330215	Trim working set for <code>OldObjectSamples</code>
JDK-8330242	RISC-V: Simplify and remove <code>CORRECT_COMPILER_ATOMIC_SUPPORT</code> in <code>atomic_linux_riscv.hpp</code>
JDK-8330247	C2: CTW fail with <code>assert(adr_t→is_known_instance_field())</code> failed: instance required
JDK-8330253	Remove <code>verify_consistent_lock_order</code>
JDK-8330261	Clean up linking steps
JDK-8330262	C2: simplify transfer of GC barrier data from Ideal to Mach nodes
JDK-8330266	RISC-V: Restore <code>frm</code> to <code>RoundingMode::rne</code> after JNI
JDK-8330272	Wrong javadoc for <code>ValueLayout.JAVA_LONG/JAVA_DOUBLE</code> on x86 32bit
JDK-8330275	Crash in <code>XMark::follow_array</code>



ID проблемы	Резюме
JDK-8330276	Console methods with explicit Locale
JDK-8330278	Have SSLSocketTemplate.doClientSide use loopback address
JDK-8330279	Typo in <code>java.text.Bidi</code> class description
JDK-8330280	<code>SharedRuntime::get_resolved_entry</code> should not return <code>c2i</code> entry if the callee is special native intrinsic
JDK-8330303	Crash: <code>assert(_target_jt == nullptr    _target_jt-&gt;vthread() == target_h())</code> failed
JDK-8330339	G1: Move some public methods to private in <code>G1BlockOffsetTable</code> APIs
JDK-8330351	Remove the <code>SHARED_LIBRARY</code> and <code>STATIC_LIBRARY</code> macros
JDK-8330359	G1: Remove unused forward declaration in <code>g1BlockOffsetTable.hpp</code>
JDK-8330362	G1: Inline offset array element accessor in <code>G1BlockOffsetTable</code>
JDK-8330386	Replace <code>Opaque4Node</code> of <code>Initialized Assertion Predicate</code> with new <code>OpaqueInitializedAssertionPredicateNode</code>
JDK-8330387	Crash with a different types patterns (primitive vs generic) in <code>instanceof</code>
JDK-8330388	Remove <code>invokedynamic</code> cache index encoding
JDK-8330419	Unused code in <code>ConnectionGraph::specialize_castpp</code>
JDK-8330458	Add missing <code>@since</code> tag to <code>ClassFile.JAVA_23_VERSION</code>
JDK-8330463	Rename <code>invalidate()</code> to <code>write_region()</code> in <code>ModRefBarrierSet</code>
JDK-8330464	<code>hserr</code> generic events - add entry for the <code>before_exit</code> calls

ID проблемы	Резюме
JDK-8330467	NoClassDefFoundError when lambda is in a hidden class
JDK-8330475	Remove unused default value for ModRefBarrierSet::write_ref_array_pre
JDK-8330520	linux clang build fails in os_linux.cpp with static_assert with no message is a C++17 extension
JDK-8330523	Reduce runtime and improve efficiency of KeepAliveTest
JDK-8330524	Linux ppc64le compile warning with clang in os_linux_ppc.cpp
JDK-8330532	Improve line-oriented text parsing in HotSpot
JDK-8330533	JFR: LocalDateTime should not use milliseconds since epoch
JDK-8330539	Use #include <alloca.h> instead of -Dalloca'(size)'=__builtin_alloca'(size)' for AIX
JDK-8330540	Rename the enum type CompileCommand to CompileCommandEnum
JDK-8330542	Template for Creating Strict JAXP Configuration File
JDK-8330565	C2: Multiple crashes with CTW after JDK-8316991
JDK-8330569	Rename Nix to Posix in platform-dependent attachListener code
JDK-8330572	jdk.internal.net.http.HttpConnection calls an expensive checkOpen() when returning a HTTP/1.1 connection to the pool
JDK-8330576	ZYoungCompactionLimit should have range check
JDK-8330577	G1 sometimes sends jdk.G1HeapRegionTypeChange for non-changes
JDK-8330578	The VM creates instance of abstract class VirtualMachineError

ID проблемы	Резюме
JDK-8330584	IGV: XML does not save all node properties
JDK-8330585	Refactor/rename forwarder handling
JDK-8330587	IGV: remove ControlFlowTopComponent
JDK-8330595	Invoke ObjectMethods::bootstrap method exactly
JDK-8330607	Deprecate -XX:+UseEmptySlotsInSupers
JDK-8330611	AES-CTR vector intrinsic may read out of bounds (x86_64, AVX-512)
JDK-8330615	avoid signed integer overflows in zip_util.c readCen / hashN
JDK-8330621	Make 5 compiler tests use ProcessTools.executeProcess
JDK-8330624	Inconsistent use of semicolon in the code snippet of java.io.Serializable javadoc
JDK-8330625	Compilation memory statistic: prevent tearing of the final report
JDK-8330626	ZGC: Windows address space placeholders not managed correctly
JDK-8330647	Two CDS tests fail with -UseCompressedOops and UseSerialGC/UseParallelGC
JDK-8330670	Obsolete ScavengeBeforeFullGC
JDK-8330677	Add Per-Compilation memory usage to JFR
JDK-8330681	Explicit hashCode and equals for java.lang.runtime.SwitchBootstraps\$TypePairs
JDK-8330684	ClassFile API runs into StackOverflowError while parsing certain class' bytes
JDK-8330685	ZGC: share barrier spilling logic

ID проблемы	Резюме
JDK-8330686	Fix typos in the DatabaseMetaData javadoc
JDK-8330693	Generational ZGC: Simplify ZAddress::finalizable_good and ZAddress::mark_good
JDK-8330694	Rename 'HeapRegion' to 'G1HeapRegion'
JDK-8330703	Improve link syntax in javax.lang.model.util
JDK-8330704	Clean up non-standard use of /** comments in some langtools tests
JDK-8330733	Generational ZGC: Remove ZBarrier::verify_old_object_live_slow_path
JDK-8330734	JFR: Re-engineer mirror class mechanism
JDK-8330735	RISC-V: No need to move sp to tmp register in set_last_Java_frame
JDK-8330748	ByteArrayOutputStream.writeTo(OutputStream) pins carrier
JDK-8330795	C2: assert((uint)type <= T_CONFLICT && _zero_type[type] != nullptr) failed: bad type with -XX:-UseCompressedClassPointers
JDK-8330802	Desugar switch in Locale::createLocale
JDK-8330805	ARM32 build is broken after JDK-8139457
JDK-8330813	Don't call methods from Compressed(Oops Klass) if the associated mode is inactive
JDK-8330814	Cleanups for KeepAliveCache tests
JDK-8330815	Use pattern matching for instanceof in KeepAliveCache
JDK-8330817	jdk/internal/vm/Continuation/OSRTest.java times out on libgraal

ID проблемы	Резюме
JDK-8330819	C2 SuperWord: bad dominance after pre-loop limit adjustment with base that has CastLL after pre-loop
JDK-8330820	Remove remnants of operator_new.cpp in build system
JDK-8330821	Rename UnsafeCopyMemory
JDK-8330822	Remove ModRefBarrierSet::write_ref_array_work
JDK-8330844	Add aliases for conditional jumps and additional instruction forms for x86
JDK-8330847	G1 accesses uninitialized memory when predicting eden copy time
JDK-8330849	Add test to verify memory usage with recursive locking
JDK-8330852	All callers of JvmtiEnvBase::get_threadOop_and_JavaThread should pass current thread explicitly
JDK-8330853	Add missing checks for ConnectionGraph::can_reduce_cmp() call
JDK-8330862	GCBarrierIRExample fails when a different GC is selected via the command line
JDK-8330864	No error message when ExceptionInInitializerError thrown in static initializer
JDK-8330960	Serial: Remove SerialFullGC::_total_invocations
JDK-8330961	Remove redundant public specifier in ModRefBarrierSet
JDK-8330969	scalability issue with loaded JVMTI agent
JDK-8330972	Serial: Inline Generation::max_contiguous_available
JDK-8330981	ZGC: Should not dedup strings in the finalizer graph

ID проблемы	Резюме
JDK-8330989	unify os::create_binary_file across platforms
JDK-8330998	System.console() writes to stderr when stdout is redirected
JDK-8331004	Serial: Remove unused GenClosure
JDK-8331011	[XWayland] TokenStorage fails under Security Manager
JDK-8331018	Clean up non-standard use of /** comments in <code>jdk.jshell</code>
JDK-8331021	Deprecate and then obsolete the DontYieldALot flag
JDK-8331027	JDK's <code>ct.sym</code> file packs corrupted module-info classes
JDK-8331030	<code>langtools/tools/javac/tree</code> tests fail with SOE with <code>fastdebug</code> and <code>-Xcomp</code>
JDK-8331031	unify <code>os::dont_yield</code> and <code>os::naked_yield</code> across Posix platforms
JDK-8331033	EA fails with "EA unexpected CallLeaf unsafe_setmemory" after JDK-8329331
JDK-8331048	G1: Prune rebuild candidates based on <code>G1HeapWastePercent</code> early
JDK-8331050	Serial: Remove unused <code>_saved_mark_word</code> in <code>DefNewGeneration</code> and <code>TenuredGeneration</code>
JDK-8331054	C2 MergeStores: assert failed: unexpected basic type after JDK-8318446 and JDK-8329555
JDK-8331061	Serial: Missed BOT update in <code>TenuredGeneration::expand_and_allocate</code>
JDK-8331063	Some <code>HttpClient</code> tests don't report leaks
JDK-8331077	<code>nroff</code> man page update for <code>jar</code> tool

ID проблемы	Резюме
JDK-8331081	'internal proprietary API' diagnostics if --system is configured to an earlier JDK version
JDK-8331085	Crash in MergePrimitiveArrayStores::is_compatible_store()
JDK-8331087	Move immutable nmethod data from CodeCache
JDK-8331088	Incorrect TraceLoopPredicate output
JDK-8331094	ZGC: GTest fails due to incompatible Windows version
JDK-8331097	Tests build is broken after pr/18914
JDK-8331098	[Aarch64] Fix crash in Arrays.equals() intrinsic with -CCP
JDK-8331108	Unused Math.abs call in java.lang.FdLibm.Expm1#compute
JDK-8331113	createJMHBundle.sh support configurable maven repo mirror
JDK-8331114	Further improve performance of MethodTypeDesc::descriptorString
JDK-8331118	Remove Serial includes from space.hpp
JDK-8331134	Port SimpleStringBuilderStrategy to use ClassFile API
JDK-8331142	Add test for number of loader threads in BasicDirectoryModel
JDK-8331150	RISC-V: Fix "bad AD file" bug
JDK-8331153	JFR: Improve logging of jdk/jfr/api/consumer/filestream/TestOrdered.java
JDK-8331159	VM build without C2 fails after JDK-8180450

ID проблемы	Резюме
JDK-8331164	createJMHBundle.sh download jars fail when url needed to be redirected
JDK-8331167	UBSan enabled build fails in adlc on macOS
JDK-8331175	Parallel: Remove VerifyRememberedSets
JDK-8331185	Enable compiler memory limits in debug builds
JDK-8331187	Optimize MethodTypeDesc and ClassDesc.ofDescriptor for primitive types
JDK-8331189	Implementation of Scoped Values (Third Preview)
JDK-8331193	Return references when possible in GrowableArray
JDK-8331194	NPE in ArrayCreationTree.java with -XX:-UseCompressedOops
JDK-8331200	Serial: Remove unused methods in SerialHeap
JDK-8331202	Support for Duration until another Instant
JDK-8331207	Misleading example in DateFormat#parse docs
JDK-8331208	Memory stress test that checks OutOfMemoryError stack trace fails
JDK-8331212	Error recovery for broken switch expressions could be improved
JDK-8331222	Malformed text in the jpackage doc page
JDK-8331224	ClassCastException in ObjectInputStream hides ClassNotFoundException
JDK-8331231	containers/docker/TestContainerInfo.java fails
JDK-8331252	C2: MergeStores: handle negative shift values



ID проблемы	Резюме
JDK-8331253	16 bits is not enough for nmethod::_skipped_instructions_size field
JDK-8331264	Reduce java.lang.constant initialization overhead
JDK-8331281	RISC-V: C2: Support vector-scalar and vector-immediate bitwise logic instructions
JDK-8331284	Inline methods in softRefPolicy.cpp
JDK-8331285	Deprecate and obsolete OldSize
JDK-8331291	java.lang.classfile.Attributes class performs a lot of static initializations
JDK-8331298	avoid alignment checks in UBSAN enabled build
JDK-8331320	ClassFile API OutOfMemoryError with certain class files
JDK-8331331	:tier1 target explanation in doc/testing.md is incorrect
JDK-8331334	com/sun/net/httpserver/HttpsParametersClientAuthTest.java fails in testServerNeedClientAuth(false)
JDK-8331344	No compiler replay file with CompilerCommand MemLimit
JDK-8331346	Update PreviewFeature of STREAM_GATHERERS to JEP-473
JDK-8331348	Some incremental builds deposit files in the make directory
JDK-8331352	error: template-id not allowed for constructor/destructor in C++20
JDK-8331360	RISCV: u32 _partial_subtype_ctr loaded/stored as 64
JDK-8331389	runtime/ErrorHandling/TestDwarf.java fails with "Crash JVM should not exit gracefully"

ID проблемы	Резюме
JDK-8331392	G1: Make HRPrinter distinguish between different types of reclamation
JDK-8331393	AArch64: u32 _partial_subtype_ctr loaded/stored as 64
JDK-8331394	G1: Remove SKIP_RETIRED_FULL_REGIONS define in G1HRPrinter
JDK-8331398	G1: G1HeapRegionPrinter reclamation events should print the original region type
JDK-8331399	RISC-V: Don't us mv instead of la
JDK-8331400	AArch64: Sync aarch64_vector.ad with aarch64_vector_ad.m4
JDK-8331401	G1: Make G1HRPrinter AllStatic
JDK-8331402	G1: Remove is_active() calls in G1HRPrinter logging
JDK-8331404	IGV: Show line numbers for callees in properties
JDK-8331405	Shenandoah: Optimize ShenandoahLock with TTAS
JDK-8331410	Remove unused MemAllocator::mem_allocate_inside_tlab
JDK-8331418	ZGC: generalize barrier liveness logic
JDK-8331421	ubsan: vmreg.cpp checking error member call on misaligned address
JDK-8331427	Rename confusingly named ArraysSupport.signedHashCode
JDK-8331428	ubsan: JVM flag checking complains about MaxTenuringThresholdConstraintFunc, InitialTenuringThresholdConstraintFunc and AllocatePrefetchStepSizeConstraintFunc
JDK-8331429	[JVMCI] Cleanup JVMCIRuntime allocation routines

ID проблемы	Резюме
JDK-8331466	Problemlist serviceability/dcmd/gc/RunFinalizationTest.java on generic-all
JDK-8331478	JFR: Rename printHelp methods for jdk.jfr.internal.dcmd classes
JDK-8331485	Odd Results when Parsing Scientific Notation with Large Exponent
JDK-8331495	Limit BasicDirectoryModel/LoaderThreadCount.java to Windows only
JDK-8331507	JFR: Improve example usage in -XX:StartFlightRecording:help
JDK-8331511	Tests should not use the "Classpath" exception form of the legal header
JDK-8331513	Tests should not use the "Classpath" exception form of the legal header
JDK-8331514	Tests should not use the "Classpath" exception form of the legal header
JDK-8331516	Tests should not use the "Classpath" exception form of the legal header
JDK-8331518	Tests should not use the "Classpath" exception form of the legal header
JDK-8331535	Incorrect prompt for Console.readLine
JDK-8331537	Test code should not use the "Classpath" exception clause
JDK-8331540	[BACKOUT] NMT: add/make a mandatory MEMFLAGS argument to family of os::reserve/commit/uncommit memory API
JDK-8331541	[i386] linking with libjvm.so fails after JDK-8283326
JDK-8331546	Build failure after 8330076
JDK-8331549	Inline MemAllocator::mem_allocate_slow

ID проблемы	Резюме
JDK-8331557	Serial: Refactor SerialHeap::do_collection
JDK-8331558	AArch64: optimize integer remainder
JDK-8331562	G1: Remove API to force allocation of new regions
JDK-8331569	G1: Rename G1HRPrinter to G1HeapRegionPrinter
JDK-8331572	Allow using OopMapCache outside of STW GC phases
JDK-8331573	Rename CollectedHeap::is_gc_active to be explicitly about STW GCs
JDK-8331575	C2: crash when ConvL2I is split thru phi at LongCountedLoop
JDK-8331577	RISC-V: C2 CountLeadingZerosV
JDK-8331578	RISC-V: C2 CountTrailingZerosV
JDK-8331579	Reference to primitive type fails without error or warning
JDK-8331582	Incorrect default Console provider comment
JDK-8331591	sun.font.CharSequenceCodePointIterator is buggy and unused
JDK-8331605	jdk/test/lib/TestMutuallyExclusivePlatformPredicates.java test failure
JDK-8331626	unsafe.cpp:162:38: runtime error in index_oop_from_field_offset_long - applying non-zero offset 4563897424 to null pointer
JDK-8331633	Use MIN2 in bound_minus_alignment
JDK-8331636	[BACKOUT] Build failure after 8330076

ID проблемы	Резюме
JDK-8331646	Add specific regression leap year tests
JDK-8331653	JFR: Improve logging for <code>jdk/jfr/api/consumer/recordingstream;TestStop.java</code>
JDK-8331655	ClassFile API <code>ClassCastException</code> with verbose output of certain class files
JDK-8331660	Parallel: Cleanup includes in <code>parallelScavangeHeap</code> files
JDK-8331670	Deprecate the Memory-Access Methods in <code>sun.misc.Unsafe</code> for Removal
JDK-8331675	gtest <code>CollectorPolicy.young_min_ergo_vm</code> fails after 8272364
JDK-8331680	<code>NumberFormat</code> is missing some bad exponent strict parse cases
JDK-8331681	Test that <code>jdk.internal.io.JdkConsole</code> does not interpret prompts
JDK-8331683	Clean up <code>GetCarrierThread</code>
JDK-8331695	Serial: <code>DefNewGeneration:_promotion_failed</code> used without being initialized
JDK-8331708	<code>jdk/internal/jline/RedirectedStdOut.java</code> times-out on <code>macosx-aarch64</code>
JDK-8331714	Make <code>OopMapCache</code> installation lock-free
JDK-8331715	Remove virtual specifiers in <code>ContiguousSpace</code>
JDK-8331724	Refactor <code>j.l.constant</code> implementation to internal package
JDK-8331731	<code>ubsan: reloclInfo.cpp:155:30: runtime error: applying non-zero offset to null pointer</code>
JDK-8331734	Atomic <code>MemorySegment</code> <code>VarHandle</code> operations fails for element layouts
JDK-8331736	C2: Live Node limit exceeded limit after JDK-8316991

ID проблемы	Резюме
JDK-8331744	java.lang.classfile.TypeKind improvements
JDK-8331746	Create a test to verify that the cmm id is not ignored
JDK-8331764	C2 SuperWord: refactor _align_to_ref/_mem_ref_for_main_loop_alignment
JDK-8331771	ZGC: Remove OopMapCacheAlloc_lock ordering workaround
JDK-8331789	ubsan: deoptimization.cpp:403:29: runtime error: load of value 208, which is not a valid value for type 'bool'
JDK-8331798	Remove unused arg of checkErgonomics() in TestMaxHeapSizeTools.java
JDK-8331851	Add specific regression leap year tests for Calendar.roll()
JDK-8331854	ubsan: copy.hpp:218:10: runtime error: addition of unsigned offset to 0x7fc2b4024518 overflowed to 0x7fc2b4024510
JDK-8331855	Convert jdk.jdeps jdeprscan and jdeps to use the Classfile API
JDK-8331858	[nmt] VM.native_memory statistics should work in summary mode
JDK-8331862	Remove split relocation info implementation
JDK-8331863	DUIterator_Fast used before it is constructed
JDK-8331864	Update Public Suffix List to 1cbd6e7
JDK-8331865	Consolidate size and alignment checks in LayoutPath
JDK-8331866	Add warnings for locale data dependence
JDK-8331876	JFR: Move file read and write events to java.base

ID проблемы	Резюме
JDK-8331877	JFR: Remove JIInliner framework
JDK-8331879	Clean up non-standard use of <code>///</code> comments in <code>java.base</code>
JDK-8331885	C2: meet between unloaded and speculative types is not symmetric
JDK-8331886	Allow markdown src file overrides
JDK-8331896	JFR: Improve check for JDK classes
JDK-8331905	Fix direct includes of <code>g1_globals.hpp</code>
JDK-8331907	BigInteger and BigDecimal should use optimized division
JDK-8331908	Simplify log code in <code>vectorintrinsic.cpp</code>
JDK-8331920	ubsan: <code>g1CardSetContainers.inline.hpp:266:5: runtime error: index 2 out of bounds for type 'G1CardSetHowl::ContainerPtr'</code> reported
JDK-8331921	Hotspot assembler files should use common logic to setup exported functions
JDK-8331924	Parallel: Remove unused <code>MutableSpace::mangle_unused_area_complete</code>
JDK-8331931	JFR: Avoid loading regex classes during startup
JDK-8331932	Startup regressions in 23-b13
JDK-8331934	[s390x] Add support for primitive array C1 clone intrinsic
JDK-8331939	Add custom hook for <code>TestImage</code>
JDK-8331940	ClassFile API <code>ArrayIndexOutOfBoundsException</code> with certain class files

ID проблемы	Резюме
JDK-8331941	Make CollectedHeap::parallel_object_iterator public
JDK-8331942	On Linux aarch64, CDS archives should be using 64K alignment by default
JDK-8331947	Preview creates checkbox for JEP-less preview feature
JDK-8331950	Remove MemoryPoolMBean/isCollectionUsageThresholdExceeded from ZGC ProblemLists
JDK-8331953	ubsan: metaspaceShared.cpp:1305:57: runtime error: applying non-zero offset 12849152 to null pointer
JDK-8331975	Enable case-insensitive check in ccache and keytab entry lookup
JDK-8331977	Crash: SIGSEGV in dlerror()
JDK-8331987	Enhance stacktrace clarity for CompletableFuture CancellationException
JDK-8331993	Add counting leading/trailing zero tests for Integer
JDK-8331999	BasicDirectoryModel/LoaderThreadCount.java frequently fails on Windows in CI
JDK-8332003	Clarify javadoc for MemoryLayout::offsetHandle
JDK-8332006	Test com/sun/net/httpserver/TcpNoDelayNotRequired.java run timeout with -Xcomp
JDK-8332008	Enable issuetitle check
JDK-8332015	since-checker - Add @ since tags to jdk.httpserver
JDK-8332020	jwebserver tool prints invalid URL in case of IPv6 address binding
JDK-8332029	Provide access to initial value of stderr via JavaLangAccess



ID проблемы	Резюме
JDK-8332032	C2: Remove ExpandSubTypeCheckAtParseTime flag
JDK-8332039	Cannot invoke "com.sun.source.util.DocTreePath.getTreePath()" because "path" is null
JDK-8332042	Move MEMFLAGS to its own include file
JDK-8332064	Implementation of Structured Concurrency (Third Preview)
JDK-8332065	Calling readLine(null...) or readPassword(null...) on System.console() hangs jshell
JDK-8332066	AArch64: Math test failures since JDK-8331558
JDK-8332070	Convert package.html files in <code>java.management</code> to <code>package-info.java</code>
JDK-8332071	Convert package.html files in <code>java.management.rmi</code> to <code>package-info.java</code>
JDK-8332080	Update troff man page for javadoc
JDK-8332082	Shenandoah: Use consistent tests to determine when pre-write barrier is active
JDK-8332084	Ensure <code>JdkConsoleImpl.restoreEcho</code> visibility in a shutdown hook
JDK-8332085	Remove 10 year old transition check in <code>GenerateCurrencyData</code> tool
JDK-8332086	Remove the usage of <code>ServiceLoader</code> in <code>j.u.r.RandomGeneratorFactory</code>
JDK-8332096	hotspot-ide-project fails with this-escape
JDK-8332098	Add missing <code>@since</code> tags to <code>jdk.jdi</code>
JDK-8332100	Add missing <code>@since</code> to <code>KeyValue::EC_TYPE</code> in <code>java.xml.crypto</code>

ID проблемы	Резюме
JDK-8332101	Add an @since to StandardOperation:REMOVE in <code>jdk.dynalink</code>
JDK-8332102	Add @since to package-info of <code>jdk.security.jarsigner</code>
JDK-8332106	VerifyError when using switch pattern in <code>this(...)</code> or <code>super(...)</code>
JDK-8332109	Convert remaining tests using <code>com.sun.tools.classfile</code> to ClassFile API
JDK-8332110	[macos] <code>jpackage</code> tries to sign added files without the <code>--mac-sign</code> option
JDK-8332111	[BACKOUT] A way to align already compiled methods with compiler directives
JDK-8332112	Update <code>nsk.share.Log</code> to don't print summary during VM shutdown hook
JDK-8332119	Incorrect <code>IllegalArgumentException</code> for C2 compiled permute kernel
JDK-8332122	[nmt] Totals for <code>malloc</code> should show total peak
JDK-8332123	[nmt] Move <code>mallocLimit</code> code to the <code>nmt</code> subdir
JDK-8332130	RISC-V: remove wrong instructions of Vector Crypto Extension
JDK-8332153	RISC-V: enable tests and add comment for vector shift instruct (shared by vectorization and Vector API)
JDK-8332154	Memory leak in <code>SynchronousQueue</code>
JDK-8332176	Refactor <code>ClassListParser::parse()</code>
JDK-8332181	Deprecate for removal the <code>MulticastSocket.send(DatagramPacket, byte)</code> and <code>setTTL/getTTL</code> methods on <code>DatagramSocketImpl</code> and <code>MulticastSocket</code>
JDK-8332226	"Invalid package name:" from source launcher

ID проблемы	Резюме
JDK-8332228	TypePollution.java: Unrecognized VM option 'UseSecondarySuperCache'
JDK-8332230	jshell throws AssertionError when processing annotations
JDK-8332236	javac crashes with module imports and implicitly declared class
JDK-8332237	[nmt] Remove the need for ThreadStackTracker::track_as_vm()
JDK-8332239	Improve CSS for block tags
JDK-8332245	C2: missing record_for_ign() call in GraphKit::must_be_not_null()
JDK-8332248	(fc) java/nio/channels/FileChannel/BlockDeviceSize.java failed with RuntimeException
JDK-8332253	Linux arm32 build fails after 8292591
JDK-8332255	Shenandoah: Remove duplicate definition of init mark closure
JDK-8332256	Shenandoah: Do not visit heap threads during shutdown
JDK-8332257	Shenandoah: Move evacuation methods to implementation file
JDK-8332259	JvmtiTrace::safe_get_thread_name fails if current thread is in native state
JDK-8332265	RISC-V: Materialize pointers faster by using a temp register
JDK-8332297	annotation processor that generates records sometimes fails due to NPE in javac
JDK-8332303	Better JMX interoperability with older JDKs, after removing Subject Delegation
JDK-8332327	Return _methods_jmethod_ids field back in VMStructs

ID проблемы	Резюме
JDK-8332340	Add JavacBench as a test case for CDS
JDK-8332360	JVM hangs at exit when running on a uniprocessor
JDK-8332376	Add @since tags to <code>java.management.rmi</code>
JDK-8332393	Problemlist <code>compiler/rangechecks/TestArrayAccessAboveRCAfterRCCastIIEliminated.java</code>
JDK-8332394	Add friendly output when @IR rule missing value
JDK-8332401	G1: <code>TestFromCardCacheIndex.java</code> with <code>-XX:GCCardSizeInBytes=128</code> triggers underflow assertion
JDK-8332403	Anachronistic reference to Netscape Communicator in Swing API docs
JDK-8332416	Add more font selection options to <code>Font2DTest</code>
JDK-8332424	Update IANA Language Subtag Registry to Version 2024-05-16
JDK-8332431	<code>NullPointerException</code> in <code>JTable</code> of <code>SwingSet2</code>
JDK-8332448	Make <code>SpaceMangler</code> inherit <code>AllStatic</code>
JDK-8332457	Examine startup overheads from <code>JDK-8294961</code>
JDK-8332462	ubsan: <code>c1_ValueStack.hpp:229:49: runtime error: load of value 171, which is not a valid value for type 'bool'</code>
JDK-8332463	Byte conditional pattern case element dominates short constant case element
JDK-8332473	ubsan: <code>growableArray.hpp:290:10: runtime error: null pointer passed as argument 1, which is declared to never be null</code>

ID проблемы	Резюме
JDK-8332476	<code>j.u.r.RandomGeneratorFactor.create(long byte[])</code> should throw rather than silently fallback to no-arg <code>create()</code>
JDK-8332486	ClassFile API <code>ArrayIndexOutOfBoundsException</code> with label metadata
JDK-8332487	Regression in <code>Crypto-AESGCMBench.encrypt</code> (and others) after JDK-8328181
JDK-8332490	JMH <code>org.openjdk.bench.java.util.zip.InflaterInputStreams.inflaterInputStreamRead</code> OOM
JDK-8332494	<code>java/util/zip/EntryCount64k.java</code> failing with <code>java.lang.RuntimeException: '\A\Z'</code> missing from stderr
JDK-8332495	<code>java/util/logging/LoggingDeadlock2.java</code> fails with <code>AssertionError: Some tests failed</code>
JDK-8332497	<code>javac</code> prints an <code>AssertionError</code> when annotation processing runs on program with module imports
JDK-8332498	[aarch64, x86] improving <code>OpToAssembly</code> output for <code>partialSubtypeCheckConstSuper</code> <code>Instruct</code>
JDK-8332499	<code>Gtest codestrings.validate_vm</code> fail on linux x64 when <code>hstdis</code> is present
JDK-8332505	JEP 457: <code>ClassRemapper</code> forgets to remap bootstrap method references
JDK-8332507	compilation result depends on compilation order
JDK-8332514	Allow class space size to be larger than 3GB
JDK-8332527	ZGC: generalize object cloning logic
JDK-8332528	Generate code in <code>SwitchBootstraps.generateTypeSwitch</code> that require fewer adaptations

ID проблемы	Резюме
JDK-8332533	RISC-V: Enable vector variable shift instructions for machines with RVV
JDK-8332538	Switch off JIT memory limit check for TestAlignVectorFuzzer.java
JDK-8332545	Fix handling of HTML5 entities in Markdown comments
JDK-8332547	Unloaded signature classes in DirectMethodHandles
JDK-8332550	[macos] Voice Over: java.awt.IllegalComponentStateException: component must be showing on the screen to determine its location
JDK-8332586	Avoid cloning empty arrays in java.lang.reflect.{Method,Constructor}
JDK-8332589	ubsan: unix/native/libjava/ProcessImpl_md.c:562:5: runtime error: null pointer passed as argument 2, which is declared to never be null
JDK-8332595	Serial: Remove unused TenuredGeneration::should_collect
JDK-8332597	Remove redundant methods from j.l.classfile.ClassReader API
JDK-8332610	Remove unused nWakeup in ObjectMonitor
JDK-8332614	Type-checked ConstantPool.entryByIndex and ClassReader.readEntryOrNull
JDK-8332615	RISC-V: Support vector unsigned comparison instructions for machines with RVV
JDK-8332631	Update nsk.share.jpda.BindServer to don't use finalization
JDK-8332641	Update nsk.share.jpda.Jdb to don't use finalization
JDK-8332670	C1 clone intrinsic needs memory barriers
JDK-8332671	Logging for pretouching thread stacks shows wrong memory range

ID проблемы	Резюме
JDK-8332675	test/hotspot/jtreg/gc/testlibrary/Helpers.java compileClass javadoc does not match after 8321812
JDK-8332676	Remove unused BarrierSetAssembler::incr_allocated_bytes
JDK-8332678	Serial: Remove use of should_clear_all_soft_refs in serial folder
JDK-8332683	G1: G1CardSetArray::EntryDataType triggers ubsan runtime errors
JDK-8332717	ZGC: Division by zero in heuristics
JDK-8332720	ubsan: instanceKlass.cpp:3550:76: runtime error: member call on null pointer of type 'struct Array'
JDK-8332724	x86 MacroAssembler may over-align code
JDK-8332725	Binding patterns with inferred type have erroneous node in the AST
JDK-8332735	[JVMCI] Add extra JVMCI events for exception translation
JDK-8332739	Problemlist compiler/codecache/CheckLargePages until JDK-8332654 is fixed
JDK-8332740	[BACKOUT] JDK-8331081 'internal proprietary API' diagnostics if --system is configured to an earlier JDK version
JDK-8332743	Update comment related to JDK-8320522
JDK-8332745	Method::is_vanilla_constructor is never used
JDK-8332749	Broken link in MemorySegment.Scope.html
JDK-8332750	Broken link in CatalogFeatures.html

ID проблемы	Резюме
JDK-8332751	Broken link in VirtualMachine.html
JDK-8332777	Update JCTest suite
JDK-8332785	Replace naked uses of UseSharedSpaces with CDSConfig::is_using_archive
JDK-8332807	Parallel: Make some APIs in ParMarkBitMap private
JDK-8332808	Always set java.io.tmpdir to a suitable value in the build
JDK-8332825	ubsan: guardedMemory.cpp:35:11: runtime error: null pointer passed as argument 2, which is declared to never be null
JDK-8332826	Make hashCode methods in ArraysSupport friendlier
JDK-8332829	[BACKOUT] C2: crash in compiled code because of dependency on removed range check CastIIs
JDK-8332841	GenShen: Pull shared members from control thread into common base class
JDK-8332849	Update doc/testing.{md,html} (spelling and stale information)
JDK-8332858	References with escapes have broken positions after they are transformed
JDK-8332864	Parallel: Merge ParMarkBitMapClosure into MoveAndUpdateClosure
JDK-8332865	ubsan: os::attempt_reserve_memory_between reports overflow
JDK-8332866	Crash in ImageIO JPEG decoding when MEM_STATS is enabled
JDK-8332871	Parallel: Remove public bits APIs in ParMarkBitMap
JDK-8332880	JFR GCHelper class recognizes "Archive" regions as valid



ID проблемы	Резюме
JDK-8332883	Some simple cleanup in vectornode.cpp
JDK-8332885	Clarify failure_handler self-tests
JDK-8332890	Module imports don't work inside the same module
JDK-8332894	ubsan: vmError.cpp:2090:26: runtime error: division by zero
JDK-8332898	failure_handler: log directory of commands
JDK-8332899	RISC-V: add comment and make the code more readable (if possible) in MacroAssembler::movptr
JDK-8332900	RISC-V: refactor nativeInst_riscv.cpp and macroAssembler_riscv.cpp
JDK-8332904	ubsan ppc64le: c1_LIRGenerator_ppc.cpp:581:21: runtime error: signed integer overflow: 9223372036854775807 + 1 cannot be represented in type 'long int'
JDK-8332905	C2 SuperWord: bad AD file, with RotateRightV and first operand not a pack
JDK-8332917	failure_handler should execute gdb "info threads" command on linux
JDK-8332919	SA PointerLocation needs to print a newline after dumping java thread info for JNI Local Ref
JDK-8332920	C2: Partial Peeling is wrongly applied for CmpU with negative limit
JDK-8332921	Ctrl+C does not call shutdown hooks after JLine upgrade
JDK-8332922	Test java/io/IO/IO.java fails when /usr/bin/expect not exist
JDK-8332923	ObjectMonitorUsage.java failed with unexpected waiter_count

ID проблемы	Резюме
JDK-8332935	Crash: assert(*lastPtr != 0) failed: Mismatched JNIInterface tables, check for new entries
JDK-8332936	Test vmTestbase/metaspaces/gc/watermark_70_80/TestDescription.java fails with no GC's recorded
JDK-8332956	Problem list CodeCacheFullCountTest.java until JDK-8332954 is fixed
JDK-8332959	C2: ZGC fails with 'Incorrect load shift' when invoking Object.clone() reflectively on an array
JDK-8332960	ubsan: classListParser.hpp:159:12: runtime error: load of value 2101478704, which is not a valid value for type 'ParseMode'
JDK-8332961	Parallel: Limit PParallelCompact::verify_complete range
JDK-8333005	Deadlock when setting or updating the inline cache
JDK-8333006	RISC-V: C2: Support vector-scalar and vector-immediate arithmetic instructions
JDK-8333013	Update vmTestbase/nsk/share/LocalProcess.java to don't use finalization
JDK-8333035	Parallel: Remove ParMarkBitMap::IterationStatus
JDK-8333046	Clean codes in sun.security.util.math
JDK-8333047	Remove arena-size-workaround in jvmtiUtils.cpp
JDK-8333086	Using Console.println is unnecessarily slow due to JLine initialization
JDK-8333093	Incorrect comment in zAddress_aarch64.cpp
JDK-8333099	Missing check for is_LoadVector in StoreNode::Identity

ID проблемы	Резюме
JDK-8333103	Re-examine the console provider loading
JDK-8333105	Shenandoah: Results of concurrent mark may be lost for degenerated cycle
JDK-8333107	javac fails with an exception when processing broken lambda
JDK-8333108	Update vmTestbase/nsk/share/DebuggeeProcess.java to don't use finalization
JDK-8333116	test/jdk/tools/jpackage/share/ServiceTest.java test fails
JDK-8333128	Linux x86_32 configure fail with --with-hsdis=binutils --with-binutils-src
JDK-8333129	Move ShrinkHeapInSteps flag to Serial GC
JDK-8333130	MakeJAR2.sh uses hard-coded JDK version
JDK-8333131	Source launcher should work with service loader SPI
JDK-8333149	ubsan : memset on nullptr target detected in jvmtiEnvBase.cpp get_object_monitor_usage
JDK-8333154	RISC-V: Add support for primitive array C1 clone intrinsic
JDK-8333169	javac NullPointerException record.type
JDK-8333177	Invalid value used for enum Cell in ciTypeFlow::get_start_state
JDK-8333178	ubsan: jvmti_tools.cpp:149:16: runtime error: null pointer passed as argument 2, which is declared to never be null
JDK-8333182	Add truncated tracing mode for TraceBytecodes
JDK-8333189	Make sure clang on linux uses lld as linker

ID проблемы	Резюме
JDK-8333200	Test containers/docker/TestPids.java fails Limit value -1 is not accepted as unlimited
JDK-8333226	Regressions 2-3% in Compress ZGC after 8331253
JDK-8333229	Parallel: Rename ParMarkBitMap::_region_start to _heap_start
JDK-8333235	vmTestbase/nsk/jdb/kill/kill001/kill001.java fails with C1
JDK-8333236	Test java/foreign/TestAccessModes.java is timing out after passing
JDK-8333252	C2: assert(assertion_predicate_has_loop_opaque_node(iff)) failed: must find OpaqueLoop* nodes
JDK-8333264	Remove unused resolve_sub_helper declaration after JDK-8322630
JDK-8333270	HandlersOnComplexResetUpdate and HandlersOnComplexUpdate tests fail with "Unexpected reference" if timeoutFactor is less than 1/3
JDK-8333276	RISC-V: client VM build failure after JDK-8241503
JDK-8333290	NMT report should not print Metaspace info if Metaspace is not yet initialized
JDK-8333301	Remove static builds using --enable-static-build
JDK-8333303	Issues with DottedVersion class
JDK-8333307	Don't suppress jpackage logging in tests when it is detecting packaging tools in the system
JDK-8333312	Incorrect since tags on new ClassReader and ConstantPool methods
JDK-8333326	Linux Alpine build fails after 8302744

ID проблемы	Резюме
JDK-8333344	JMX attaching of Subject does not work when security manager not allowed
JDK-8333353	Delete extra empty line in CodeBlob.java
JDK-8333358	java/io/IO/IO.java test fails intermittently
JDK-8333366	C2: CmpU3Nodes are not pushed back to worklist in PhaseCCP leading to non-fixpoint assertion failure
JDK-8333394	C2: assert(bol→is_Opaque4()    bol→is_OpaqueInitializedAssertionPredicate()) failed: Opaque node of non-null-check or of Initialized Assertion Predicate
JDK-8333398	Uncomment the commented test in test/jdk/java/util/jar/JarFile/mrjar/MultiReleaseJarAPI.java
JDK-8333410	[AArch64] Clean unused classes in nativeInst_aarch64.hpp
JDK-8333434	IGV: Print loop node for PHASE_BEFORE/AFTER_CLOOPS
JDK-8333444	Parallel: Inline PParallelCompact::mark_obj
JDK-8333462	Performance regression of new DecimalFormat() when compare to jdk11
JDK-8333486	Parallel: Remove unused methods in psParallelCompact
JDK-8333542	Breakpoint in parallel code does not work
JDK-8333554	Parallel: Remove unused PParallelCompact::is_in
JDK-8333560	-Xlint:restricted does not work with --release
JDK-8333583	Crypto-XDH.generateSecret regression after JDK-8329538

ID проблемы	Резюме
JDK-8333586	Improve syntax of @see tags in javax.lang.model
JDK-8333590	UnmodifiableHeaders.toString() returns a value that represents empty headers
JDK-8333622	ubsan: relocInfo_x86.cpp:101:56: runtime error: pointer index expression with base (-1) overflowed
JDK-8333644	C2: assert(is_Boot()) failed: invalid node class: Phi
JDK-8333647	C2 SuperWord: some additional PopulateIndex tests
JDK-8333674	Disable CollectorPolicy.young_min_ergo_vm for PPC64
JDK-8333722	Fix CompilerDirectives for non-compiler JVM variants
JDK-8333724	Problem list security/infra/java/security/cert/CertPathValidator/certification/CAInterop.java#teliasonerarootcav1
JDK-8333743	Change .jcheck/conf branches property to match valid branches
JDK-8333748	javap crash - Fatal error: Unmatched bit position 0x2 for location CLASS
JDK-8333804	java/net/httpclient/ForbiddenHeadTest.java threw an exception with 0 failures
JDK-8333827	JDK 23 RDP1 L10n resource files update
JDK-8333829	ProblemList sun/security/pkcs11/sslecc/ClientJSSEServerJSSE.java due to JDK-8333317
JDK-8333849	(dc) DatagramChannel send/receive fails with UOE if buffer backed by memory segment allocated from shared arena

ID проблемы	Резюме
JDK-8333854	IllegalAccessError with proxies after JDK-8332457
JDK-8333884	MemorySegment::reinterpret removes read-only property
JDK-8333886	Explicitly specify that asSlice and reinterpret return a memory segment backed by the same region of memory.
JDK-8333931	Problemlist serviceability/jvmti/vthread/CarrierThreadEventNotification
JDK-8334032	javax.print: Missing @since tag in new class OutputBin
JDK-8334043	VerifyError when inner class is accessed in prologue
JDK-8334162	Gatherer.defaultCombiner has an erroneous @see-link
JDK-8334167	Test java/lang/instrument/NativeMethodPrefixApp.java timed out
JDK-8334222	exclude containers/cgroup/PlainRead.java
JDK-8334258	Compiler erroneously allows access to instance variable in argument expression of a constructor invocation
JDK-8334297	(so) java/nio/channels/SocketChannel/OpenLeak.java should not depend on SecurityManager
JDK-8334332	TestIOException.java fails if run by root
JDK-8334333	MissingResourceCauseTestRun.java fails if run by root
JDK-8334339	Test java/nio/file/attribute/BasicFileAttributeView/CreationTime.java fails on alinux3

ID проблемы	Резюме
JDK-8334402	ProblemList test/hotspot/jtreg/compiler/c2/TestMergeStores.java on big endian platforms
JDK-8334418	Update IANA Language Subtag Registry to Version 2024-06-14
JDK-8334421	assert(!oldbox→is_unbalanced()) failed: this should not be called for unbalanced region
JDK-8334433	jshell.exe runs an executable test.exe on startup
JDK-8334441	Mark tests in jdk_security_infra group as manual
JDK-8334488	Improve error for illegal early access from nested class
JDK-8334509	Cancelling PageDialog does not return the same PageFormat object
JDK-8334580	Deprecate no-arg constructor BasicSliderUI() for removal
JDK-8334594	Generational ZGC: Deadlock after OopMap rewrites in 8331572
JDK-8334600	TEST java/net/MulticastSocket/IPMulticastIF.java fails on linux-aarch64
JDK-8334629	[BACKOUT] PhaseldealLoop::conditional_move is too conservative
JDK-8334653	ISO 4217 Amendment 177 Update
JDK-8334708	FFM: two javadoc problems
JDK-8334719	(se) Deferred close of SelectableChannel may result in a Selector doing the final close before concurrent I/O on channel has completed
JDK-8334757	[AssertionError] Missing type variable in where clause



ID проблемы	Резюме
JDK-8334762	[BACKOUT BACKPORT] Improve error for illegal early access from nested class
JDK-8334781	[JFR crash] assert(((JfrTraceIdBits::load(klass & JfrTraceIdEpoch::this_epoch_method_and_class_bits()) != 0))) failed: invariant
JDK-8334886	jdk/jfr/api/recording/time/TestTimeMultiple.java failed with RuntimeException: getStopTime() > afterStop
JDK-8334890	Missing unconditional cross modifying fence in nmethod entry barriers
JDK-8335124	com/sun/management/ThreadMXBean/ThreadCpuTimeArray.java failed with CPU time out of expected range
JDK-8335134	Test com/sun/jdi/BreakpointOnClassPrepare.java timeout
JDK-8335220	C2: Missing check for Opaque4 node in EscapeAnalysis
JDK-8335221	Some C2 intrinsics incorrectly assume that type argument is compile-time constant
JDK-8335390	C2 MergeStores: wrong result with Unsafe
JDK-8335409	Can't allocate and retain memory from resource area in frame::oops_interpreted_do oop closure after 8329665
JDK-8335475	ClassBuilder incorrectly calculates max_locals in some cases
JDK-8335479	JFR: Missing documentation for -XX:StartFlightRecording
JDK-8335637	Add explicit non-null return value expectations to Object.toString()
JDK-8335766	Switch case with pattern matching and guard clause compiles inconsistently
JDK-8335817	javac AssertionError addLocalVar checkNull

ID проблемы	Резюме
JDK-8335820	java/lang/invoke/LFCaching/LFSingleThreadCachingTest.java fails due to IllegalArgumentException: hash must be nonzero
JDK-8335824	Test gc/arguments/TestMinInitialErgonomics.java is timing out
JDK-8335935	Chained builders not sending transformed models to next transforms
JDK-8335966	Remove incorrect problem listing of java/lang/instrument/NativeMethodPrefixAgent.java in ProblemList-Virtual.txt
JDK-8335967	"text-decoration: none" does not work with "A" HTML tags
JDK-8336036	Synthetic documentation for a record's equals is incorrect for floating-point types
JDK-8336259	Wrong link to stylesheet.css in JavaDoc API documentation
JDK-8336375	Crash on paste to JShell
JDK-8337054	JDK 23 RDP2 L10n resource files update
JDK-8337716	ByteBuffer hashCode implementations are inconsistent
JDK-8337831	Remove EA from the JDK 23 version string with first RC promotion
JDK-8338139	{ClassLoader,Memory}MXBean::isVerbose methods are inconsistent with their setVerbose methods

## Исправления в JFX

Следующий список содержит дефекты, исправленные в JFX версии 23.

ID проблемы	Резюме
JDK-8087444	CornerRadii with different horizontal and vertical values treated as uniform
JDK-8088172	[Mac] On German keyboard, pressing '+ q' inserts two apostrophes instead of one
JDK-8088923	IOOBE when adding duplicate categories to the BarChart
JDK-8089373	Translation from character to key code is not sufficient
JDK-8089803	[Mac, TextArea] Japanese IME, caret moves to the next line when pressing Return to select a candidate.
JDK-8090267	JFXPanel Input Problem
JDK-8092102	[Labeled] textTruncated property
JDK-8146918	ConcurrentModificationException in MediaPlayer
JDK-8186188	[TableColumnHeader] initial auto-size broken if has graphic
JDK-8193286	IntegerSpinnerFactory does not wrap value correctly
JDK-8198830	[BarChart] auto-range of CategoryAxis not working on dynamically setting data
JDK-8207379	Robot screen capture test fails with HiDPI at some screen locations
JDK-8221261	Deadlock on macOS in JFXPanel app when handling IME calls
JDK-8242553	IntegerSpinner and DoubleSpinner do not wrap around values correctly in some cases
JDK-8255679	RegionBackgroundImageUITest.unalignedImage_Cover fails because of wrong color
JDK-8260013	Snapshot does not work for nodes in a subscene

ID проблемы	Резюме
JDK-8267565	Support "@3x" and greater high-density image naming convention
JDK-8270996	[javadoc] missing comments in serialized classes
JDK-8271865	SortedList::getViewIndex behaves not correctly for some index values
JDK-8273349	Check uses of Stream::peek in controls and replace as needed
JDK-8273657	[TextField] all text content must be selected initially
JDK-8278021	Fix warnings in macOS glass native code and treat warnings as errors
JDK-8279140	ComboBox can lose selected value on item change via setAll
JDK-8281327	fix does not work for all cases
JDK-8282999	Add support for EXT-X-MEDIA tag in HTTP Live Streaming
JDK-8289115	Touch events is not dispatched after upgrade to JAVAFX17+
JDK-8295945	Revert unintended change to copyright start year
JDK-8299738	ISE if Platform::exit called with fullScreen Stage on macOS 13
JDK-8301900	[TextArea] Committing text with ENTER in an IME window inserts newline
JDK-8306322	JDK8130122Test fails intermittently
JDK-8307117	[TextArea] wrapText property ignored when changing font
JDK-8307980	Rotate Transformation never invalidates inverseCache
JDK-8308955	MediaPlayer/AudioClip skip data on seek/loop

ID проблемы	Резюме
JDK-8309374	Accessibility Focus Rectangle on ListItem is not drawn when ListView is shown for first time
JDK-8311124	[Windows] User installed font
JDK-8311492	FontSmoothingType LCD produces wrong color when transparency is used
JDK-8311895	CSS Transitions
JDK-8312603	ArrayIndexOutOfBoundsException in Marlin when scaleX is 0
JDK-8313032	Enhanced handling of Glass
JDK-8313040	Enhanced Font handling
JDK-8313048	Better Glyph handling
JDK-8313056	General enhancements of Glass
JDK-8313064	General enhancements of image handling
JDK-8313072	Enhanced handling of Fonts
JDK-8313105	Improved media framing
JDK-8313138	Scrollbar Keyboard enhancement
JDK-8314147	Updated the PhongMaterial documentation
JDK-8314215	Trailing Spaces before Line Breaks Affect the Center Alignment of Text
JDK-8314754	Minor ticks are not getting updated both the axes in LineChart

ID проблемы	Резюме
JDK-8316372	Monkey Tester Application Part 3
JDK-8318614	Update WebKit to 617.1
JDK-8318624	API docs specify incorrect default value for nodeOrientation property
JDK-8319844	Text/TextFlow.hitTest() is incorrect in RTL orientation
JDK-8320441	Additional fix for JDK-8313032
JDK-8320563	Remove D3D9 code paths in favor of D3D9Ex
JDK-8320912	IME should commit on focus change
JDK-8320965	Scrolling on a touch enabled display fails on Wayland
JDK-8321603	Bump minimum JDK version for JavaFX to JDK 21
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-8322619	Parts of SG no longer update during rendering - overlapping - culling - dirty
JDK-8322703	Intermittent crash in WebView in a JFXPanel from IME calls on macOS
JDK-8322748	Caret blinking in JavaFX should only stop when caret moves
JDK-8322784	JFXPanel calls InputMethodRequests on wrong thread
JDK-8322964	Optimize performance of CSS selector matching

ID проблемы	Резюме
JDK-8323209	Change JavaFX release version to 23
JDK-8323511	Scrollbar Click jumps inconsistent amount of pixels
JDK-8323543	NPE when table items are set to null
JDK-8323615	PopupControl.skin.setSkin(Skin) fails to call dispose() on discarded Skin
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-8324182	Deprecate for removal SimpleSelector and CompoundSelector classes
JDK-8324232	KeyEvent.getCode() is null inside JFXPanel
JDK-8324233	Update JPEG Image Decoding Software to 9f
JDK-8324237	Typo in comment in GlassApplication.m
JDK-8324239	JFXPanelHiDPITest fails on Windows 11
JDK-8324270	Update boot JDK to 21.0.2
JDK-8324326	Update ICU4C to 74.2
JDK-8324327	ColorPicker shows a white rectangle on clicking on picker
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-8324797	Code example in JavaDoc of ObservableValue#when doesn't compile

ID проблемы	Резюме
JDK-8324879	Platform-specific preferences keys are incorrect for Windows toolkit
JDK-8324939	Editable TableView loses focus after commit
JDK-8325073	[javadoc warnings] missing @param tags and other issues
JDK-8325075	Enable -Werror for javadoc to fail on any warnings
JDK-8325093	Update CONTRIBUTING.md for build jdk version
JDK-8325154	resizeColumnToFitContent is slower than it needs to be
JDK-8325258	Additional WebKit 617.1 fixes from WebKitGTK 2.42.5
JDK-8325402	TreeTableRow updateItem() does not check item with isItemChanged(..) unlike all other cell implementations
JDK-8325550	Grammatical error in AnchorPane.setLeftAnchor (and other setters) javadoc
JDK-8325566	[TestBug] Util.shutdown() to hide ALL Windows
JDK-8325591	[Mac] DRAG_DONE reports null transferMode when destination is external
JDK-8325798	Spinner throws uncatchable exception on tab out from garbled text
JDK-8325873	Update JDK_DOCS property to point to JDK 21 docs
JDK-8325900	Emit a warning on macOS if AWT has set the NSAppearance
JDK-8326618	Replace usage of deprecated method getId() in Thread
JDK-8326619	Stage.sizeToScene() on maximized/fullscreen Stage breaks the Window



ID проблемы	Резюме
JDK-8326712	Robot tests fail on XWayland
JDK-8326989	Text selection issues on WebView after WebKit 617.1
JDK-8327177	[macOS] wrong GlobalRef deleted in GlassMenu
JDK-8327255	[javac lint warnings] removal, missing-explicit-ctor
JDK-8327471	RTLTextFlowCharacterIndexTest fails on Linux
JDK-8327482	Fix missing image resource in HelloImage toy app
JDK-8327727	Changing the row factory of a TableView does not recreate the rows
JDK-8328136	Create release notes for JavaFX 22
JDK-8328399	Add hs_err_pid* to .gitignore
JDK-8328400	Minor Cleanup
JDK-8328577	Toolbar's overflow button overlaps the items
JDK-8328603	HLS video stream fails to render consistently
JDK-8328667	[Testbug] Enable ignored Spinner unit tests
JDK-8328718	Remove unused imports in javafx.controls
JDK-8328739	Remove unused imports in javafx.graphics
JDK-8328742	Remove unused imports in manual tests
JDK-8328745	Remove unused imports in system tests

ID проблемы	Резюме
JDK-8328746	Remove unused imports in demo apps
JDK-8328749	Remove unused imports in javafx.web
JDK-8328750	[TestBug] Improve Stub Font Support
JDK-8328751	Fix missing @Overrides in modules except javafx.web
JDK-8328752	Fix missing @Overrides in javafx.web
JDK-8328754	Fix missing @Overrides in test
JDK-8328811	Fix missing @Overrides in demos
JDK-8328818	Fix Decora JSL to remove missing @Override warnings
JDK-8328820	Remove unused imports in javafx.swing
JDK-8329011	Update SQLite to 3.45.3
JDK-8329705	Add missing Application thread checks to platform specific a11y methods
JDK-8329821	[Linux] When using i3 WM, menus are incorrectly sized
JDK-8330304	[MenuBar] Invisible Menu works incorrectly with keyboard arrows
JDK-8330462	StringIndexOutOfBoundsException when typing anything into TextField
JDK-8330590	[TextInputControl] previous word fails with Bhojpuri characters
JDK-8330701	Fix Eclipse project in tests/manual/text
JDK-8331214	[Doc] update spec for SpinnerFactory classes

ID проблемы	Резюме
JDK-8331319	IME Window breaks after popup menu
JDK-8331603	Cleanup native AbstractSurface methods getRGBImpl, setRGBImpl
JDK-8331616	ChangeListener is not triggered when the InvalidationListener is removed
JDK-8331748	Update libxml2 to 2.12.6
JDK-8331765	Websocket callbacks are not executed after WebKit 617.1 update
JDK-8332251	[javadoc] incorrect method references in Region and PopupControl
JDK-8332313	Update code review guidelines
JDK-8332328	[GHA] GitHub Actions build fails on Linux - unable to find gcc-13
JDK-8332539	Update libxml2 to 2.12.7
JDK-8332732	Clean up non-standard use of /// comments in JavaFX
JDK-8332748	Grammatical errors in animation API docs
JDK-8332863	Crash in JPEG decoder if we enable MEM_STATS
JDK-8333147	update maven classifier syntax to recent gradle version
JDK-8334138	Suppress removal warnings for sun.misc.Unsafe memory access methods
JDK-8334143	Suppress remaining removal warnings for internal methods and classes
JDK-8334161	Enable -Werror for javac tasks to fail on any warnings
JDK-8334656	Enable issuestitle check

ID проблемы	Резюме
JDK-8334657	Enable binary check
JDK-8334713	WebKit build failed on LoongArch64 because currentStackPointer is undefined
JDK-8334731	[GHA] build on macOS / aarch64
JDK-8334739	XYChart and (Stacked)AreaChart properties return incorrect beans
JDK-8335216	[windows] Missing error check for GetSystemDirectory in glass
JDK-8335630	Crash if Platform::exit called with fullScreen Stage on macOS 14
JDK-8335633	Missing @Override in Dimension
JDK-8336110	Update copyright header for files modified in 2024
JDK-8336272	[SizeToSceneTest] fullScreen tests fail on Ubuntu 22.04
JDK-8338478	[macos] Crash in CoreText with certain strings using JDK 22 or later

## 6. Изменения в сторонних библиотеках

Это список изменений в сторонних библиотеках.

Библиотека	Полное название	Новая версия	Модуль	Номер в системе JBS
ASM	ASM	9.6	java.base	JDK-8323835
CLDR	Common Locale Data Repository	45.0	java.base	JDK-8319990
CommonMark	CommonMark	0.22.0	jdk.internal.md	JDK-8298405
DejaVu fonts	DejaVu fonts	2.37	jdk.javadoc	JDK-8324774
GIFLIB	GIFLIB	5.2.2	java.desktop	JDK-8328999
JLine	JLine	3.26.1	jdk.internal.le	JDK-8327476
jQuery	jQuery	3.7.1	jdk.javadoc	JDK-8330063
LCMS	Little CMS	2.16	java.desktop	JDK-8321489
Libpng	Libpng	1.6.43	java.desktop	JDK-8329004
Zlib	Zlib	1.3.1	java.base	JDK-8326351

## 7. Обновление Axiom JDK Pro

Чтобы поддерживать актуальность и безопасность вашего экземпляра Axiom JDK Pro, всегда обновляйтесь до последней доступной версии после ее выпуска. Для обновления установите новую версию поверх предыдущей. Новую версию всегда следует устанавливать и тестировать в непроизводственной среде перед развертыванием в производственной системе.

Инструкции по установке см. в разделе *Установка Axiom JDK* на странице [Axiom JDK](#), либо в разделе документации на [портале поддержки](#). Доступ к этому portalу предоставляется клиентам с активным договором поддержки.

