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▼ **Description**

The thread **java.lang.Thread @ 0x8a704f00 debezium-oracleconnector-dbz_GLAE_prod-change-event-source-coordinator** keeps local variables with total size **1 859 017 952 (87,11 %)** bytes.

The memory is accumulated in one instance of "**java.lang.Object[]**", loaded by "**<system class loader>**", which occupies **1 797 417 752 (84,22 %)** bytes.

The stacktrace of this Thread is available. [See stacktrace](#). [See stacktrace with involved local variables](#).

Keywords

```
java.lang.Object[]
io.debezium.connector.oracle.logminer.processor.AbstractLogMinerEventProcessor.hasNextWithMetricsUpdate(Ljava/sql/ResultSet;)Z
AbstractLogMinerEventProcessor.java:440
io.debezium.connector.oracle.logminer.processor.AbstractLogMinerEventProcessor.processResults(Ljava/sql/ResultSet;)V
AbstractLogMinerEventProcessor.java:144
io.debezium.connector.oracle.logminer.processor.memory.MemoryLogMinerEventProcessor.process(Lio/debezium/connector/oracle/Scn;Lio/debezium/cc
MemoryLogMinerEventProcessor.java:111
io.debezium.connector.oracle.logminer.LogMinerStreamingChangeEventSource.execute(Lio/debezium/pipeline/source/spi/ChangeEventSource$ChangeE
LogMinerStreamingChangeEventSource.java:144
```

▼ **Shortest Paths To the Accumulation Point**

Class Name	Shallow Heap	Retained Heap
java.lang.Object[1215487] @ 0xf2e00000	4 861 968	1 797 417 752
elementData java.util.ArrayList @ 0x89b45b58	24	1 797 417 776
events io.debezium.connector.oracle.logminer.events.Transaction @ 0x89b45ad0	32	1 856 582 136
value java.util.HashMap\$Node @ 0x89b45a68	32	1 856 582 240
[44] java.util.HashMap\$Node[64] @ 0x900bc7c0	272	1 858 832 504
table java.util.HashMap @ 0x900bc780	48	1 858 832 584
cache io.debezium.connector.oracle.logminer.processor.memory.MemoryTransactionCache @ 0x8a66ed98	16	1 858 832 600
transactionCache io.debezium.connector.oracle.logminer.processor.memory.MemoryLogMinerEventProcessor @ 0x8a6d8c60	112	1 859 011 920
<Java Local> java.lang.Thread @ 0x8a704f00 debezium-oracleconnector-dbz_GLAE_prod-change-event-source-coordinator JNI Global, Thread	120	1 859 017 952

▼ **Accumulated Objects in Dominator Tree**

Class Name	Shallow Heap	Retained Heap	Percentage
java.lang.Thread @ 0x8a704f00 debezium-oracleconnector-dbz_GLAE_prod-change-event-source-coordinator	120	1 859 017 952	87,11 %
io.debezium.connector.oracle.logminer.processor.memory.MemoryLogMinerEventProcessor @ 0x8a6d8c60	112	1 859 011 920	87,11 %
io.debezium.connector.oracle.logminer.processor.memory.MemoryTransactionCache @ 0x8a66ed98	16	1 858 832 600	87,10 %
java.util.HashMap @ 0x900bc780	48	1 858 832 584	87,10 %
java.util.HashMap\$Node[64] @ 0x900bc7c0	272	1 858 832 504	87,10 %
java.util.HashMap\$Node @ 0x89b45a68	32	1 856 582 240	87,00 %
io.debezium.connector.oracle.logminer.events.Transaction @ 0x89b45ad0	32	1 856 582 136	87,00 %
java.util.ArrayList @ 0x89b45b58	24	1 797 417 776	84,22 %
java.lang.Object[1215487] @ 0xf2e00000	4 861 968	1 797 417 752	84,22 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xce114448	40	5 464	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xef960510	40	5 464	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0x8cc5d170	40	5 464	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xc824a6d0	40	5 464	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xc0f03218	40	5 464	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xd8db22728	40	5 464	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xcba41518	40	5 464	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0x97c6c848	40	5 464	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xb18465e8	40	5 464	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xf3c93020	40	5 464	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0x9d697850	40	5 448	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xec1f3310	40	5 448	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xda381be0	40	5 448	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0x8d2e9dc0	40	5 448	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xd054b498	40	5 448	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xb91c17c0	40	5 448	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0x8420a220	40	5 448	0,00 %

Class Name	Shallow Heap	Retained Heap	Percentage
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xcc543d10	40	5 448	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0x94feca38	40	5 448	0,00 %
io.debezium.connector.oracle.logminer.events.DmlEvent @ 0xe4f8e898	40	5 448	0,00 %
Σ Total: 20 entries	800	109 120	0,01 %

▼ Accumulated Objects by Class in Dominator Tree

Label	Number of Objects	Used Heap Size	Retained Heap Size
io.debezium.connector.oracle.logminer.events.DmlEvent First 10 of 906 706 objects	906 706	36 268 240	1 792 555 784

▼ All Accumulated Objects by Class

Class Name	Objects	Shallow Heap
char[] First 10 of 20 866 290 objects	20 866 290	972 170 480
java.lang.String First 10 of 20 866 290 objects	20 866 290	500 790 960
java.lang.Object[] First 10 of 1 813 413 objects	1 813 413	135 861 600
io.debezium.connector.oracle.logminer.events.DmlEvent First 10 of 906 706 objects	906 706	36 268 240
java.math.BigInteger First 10 of 906 705 objects	906 705	36 268 200
io.debezium.connector.oracle.logminer.parser.LogMinerDmlEntryImpl First 10 of 906 706 objects	906 706	29 014 592
io.debezium.relational.TableId First 10 of 906 705 objects	906 705	29 014 560
java.time.Instant First 10 of 906 705 objects	906 705	21 760 920
int[] First 10 of 906 705 objects	906 705	21 760 920
io.debezium.connector.oracle.Scn First 10 of 906 705 objects	906 705	14 507 280
Σ Total: 10 entries	49 892 930	1 797 417 752

▼ Thread Details

▼ Thread `debezium-oracleconnector-dbz_GLAE_prod-change-event-source-coordinator`

▼ Thread Properties

Object / Stack Frame	java.lang.Thread @ 0x8a704f00
Name	debezium-oracleconnector-dbz_GLAE_prod-change-event-source-coordinator
Shallow Heap	120
Retained Heap	1 859 017 952
Max. Locals' Retained Heap	
Context Class Loader	org.apache.kafka.connect.runtime.isolation.PluginClassLoader @ 0x82478490
Is Daemon	false
Priority	5
State	[alive, runnable]
State value	0x5
Σ Total: 10 entries	

▼ Thread Stack

```

debezium-oracleconnector-dbz_GLAE_prod-change-event-source-coordinator
  at java.nio.HeapByteBuffer.slice()Ljava/nio/ByteBuffer; (HeapByteBuffer.java:101)
  at oracle.net.ns.NIOPacket.readPacketFromSocketChannel(Z)V (NIOPacket.java:221)
  at oracle.net.ns.NIOPacket.readFromSocketChannel(ZZ)V (NIOPacket.java:141)
  at oracle.net.ns.NIOPacket.readFromSocketChannel(Z)V (NIOPacket.java:114)
  at oracle.net.ns.NIONSDataChannel.readDataFromSocketChannel(V) (NIONSDataChannel.java:98)
  at oracle.jdbc.driver.T4CMAREngineNIO.prepareForUnmarshall(V) (T4CMAREngineNIO.java:834)
  at oracle.jdbc.driver.T4CMAREngineNIO.getBytes([BII)I (T4CMAREngineNIO.java:636)
  at oracle.jdbc.driver.T4CMAREngineNIO.unmarshalNBytes([BII)I (T4CMAREngineNIO.java:605)
  at oracle.jdbc.driver.T4CMAREngineNIO.buffer2Value(B)J (T4CMAREngineNIO.java:771)
  at oracle.jdbc.driver.T4CMAREngineNIO.unmarshalSB4(I)I (T4CMAREngineNIO.java:556)
  at oracle.jdbc.driver.DynamicByteArray.unmarshalCLR(Loracle/jdbc/driver/T4CMAREngine;)I (DynamicByteArray.java:211)
  at oracle.jdbc.driver.T4CMarshaller$BasicMarshaller.unmarshalBytes(Loracle/jdbc/driver/Accessor;)Z (T4CMarshaller.java:136)
  at oracle.jdbc.driver.T4CMarshaller$BasicMarshaller.unmarshalOneRow(Loracle/jdbc/driver/Accessor;)Z (T4CMarshaller.java:115)
  at oracle.jdbc.driver.T4CVarCharAccessor.unmarshalOneRow(Z)Z (T4CVarCharAccessor.java:239)
  at oracle.jdbc.driver.T4CTTIRxd.unmarshal([Loracle/jdbc/driver/Accessor;II)Z (T4CTTIRxd.java:1693)
  at oracle.jdbc.driver.T4CTTIRxd.unmarshal([Loracle/jdbc/driver/Accessor;I)Z (T4CTTIRxd.java:1410)
  at oracle.jdbc.driver.T4C8Oall.readRXD(Z)Z (T4C8Oall.java:929)
  at oracle.jdbc.driver.T4CTTIFun.receive(V) (T4CTTIFun.java:638)
  at oracle.jdbc.driver.T4CTTIFun.doRPC(V) (T4CTTIFun.java:291)
  at oracle.jdbc.driver.T4C8Oall.doOALL(ZZZZZ)V (T4C8Oall.java:492)
  at oracle.jdbc.driver.T4CPreparedStatement.doOall8(ZZZZZ)V (T4CPreparedStatement.java:148)
  at oracle.jdbc.driver.T4CPreparedStatement.fetch(I)Z (T4CPreparedStatement.java:1200)
  at oracle.jdbc.driver.OracleStatement.fetchMoreRows(J)J (OracleStatement.java:3759)
  at oracle.jdbc.driver.InsensitiveScrollableResultSet.fetchMoreRows(V) (InsensitiveScrollableResultSet.java:821)
  at oracle.jdbc.driver.InsensitiveScrollableResultSet.fetchNextRows(J)V (InsensitiveScrollableResultSet.java:759)
  at oracle.jdbc.driver.InsensitiveScrollableResultSet.absoluteInternal(J)Z (InsensitiveScrollableResultSet.java:731)
  at oracle.jdbc.driver.InsensitiveScrollableResultSet.next(Z) (InsensitiveScrollableResultSet.java:436)
  at io.debezium.connector.oracle.logminer.processor.AbstractLogMinerEventProcessor.hasNextWithMetricsUpdate(Ljava/sql/ResultSet;)Z (AbstractLogMi
  
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at io.debezium.connector.oracle.logminer.processor.AbstractLogMinerEventProcessor.processResults(Ljava/sql/ResultSet;)V (AbstractLogMinerEventPr
at io.debezium.connector.oracle.logminer.processor.memory.MemoryLogMinerEventProcessor.process(Lio/debezium/connector/oracle/Scn;Lio/debezium/cc
at io.debezium.connector.oracle.logminer.LogMinerStreamingChangeEventSource.execute(Lio/debezium/pipeline/source/spi/ChangeEventSource$ChangeEve
at io.debezium.pipeline.ChangeEventSourceCoordinator.streamEvents(Lio/debezium/pipeline/source/spi/ChangeEventSource$ChangeEventSourceContext;Li
at io.debezium.pipeline.ChangeEventSourceCoordinator.lambda$start$0(Ljava/util/concurrent/atomic/AtomicReference;Lio/debezium/connector/common/C
at io.debezium.pipeline.ChangeEventSourceCoordinator$$Lambda$1231.run()V (Unknown Source)
at java.util.concurrent.Executors$RunnableAdapter.call()Ljava/lang/Object; (Executors.java:511)
at java.util.concurrent.FutureTask.run()V (FutureTask.java:266)
at java.util.concurrent.ThreadPoolExecutor.runWorker(Ljava/util/concurrent/ThreadPoolExecutor$Worker;)V (ThreadPoolExecutor.java:1149)
at java.util.concurrent.ThreadPoolExecutor$Worker.run()V (ThreadPoolExecutor.java:624)
at java.lang.Thread.run()V (Thread.java:748)
```

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