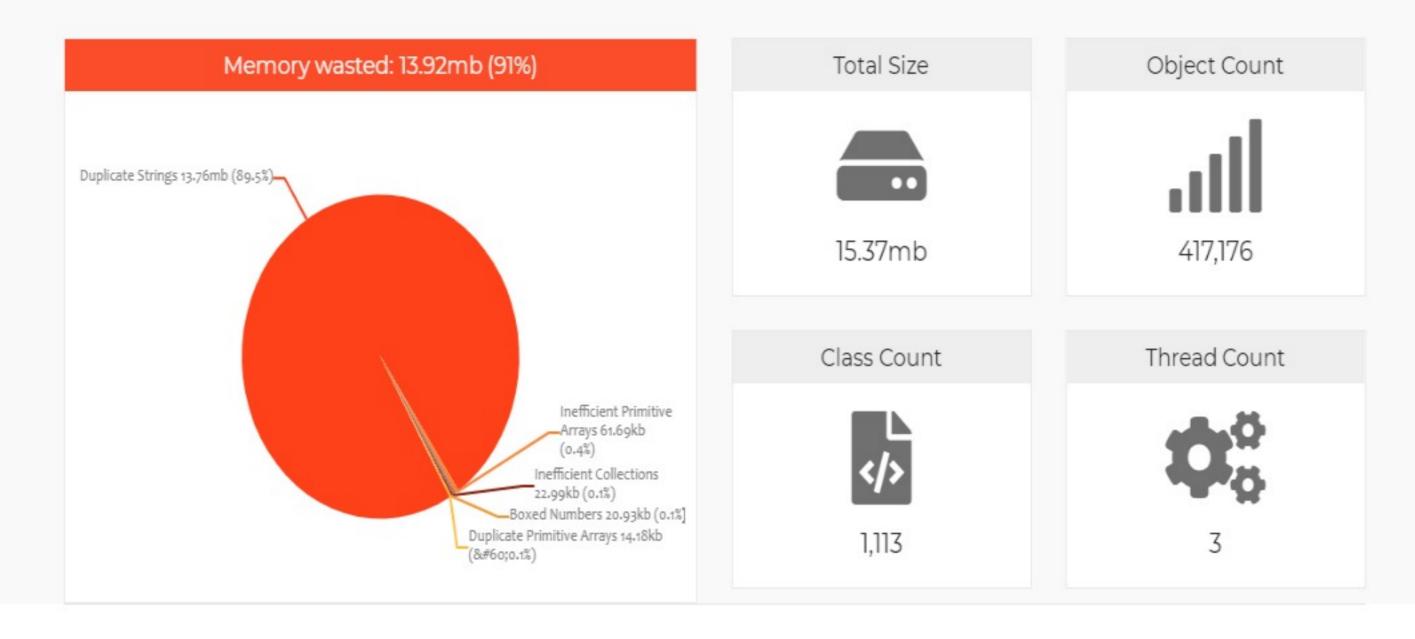
1. Heap Statistics

Learn more about Heap Statistics



2. What's in your Memory (by class)?

Learn more about What's in Memory

Class	Percentage	Size	Count
String C	91.1%	14.01mb	203,327

				П
juArrayList 🗹	6.0%	942.21kb	63	
Object[]	0.3%	50.28kb	1,281	
java lang reflect Method 🗹	0.3%	49.16kb	572	
char[][]	0.3%	41.87kb	203,346	
byte[][]	0.2%	25.41kb	42	

Show all records >>

3. Large objects

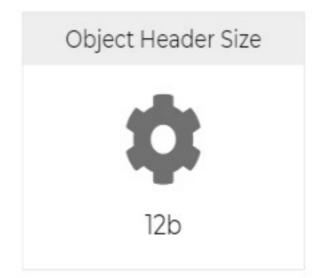
Learn more about Large Objects

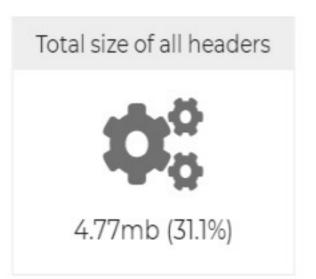
Name	Percentage	Size
Java Static.com.rollingstone.StringDeduplicationExample.myStrings strings strings<td>95.3%</td><td>14.65mb</td>	95.3%	14.65mb
Unreachable (garbage) objects 🗹	1.0%	153.94kk
Java Static [java.lang.management.ManagementFactory.platformMBeanServer], Java Local(com.sun.jmx.mbeanserver.JmxMBeanServer) [@ffa24f88] (1 thread(s)) 🗹	0.8%	129.7kb
Java Static java.lang.invoke.MethodType.internTable 🗹	0.2%	35.38kb
Java Static sun management Management Factory Helper.hs Diag Command MBean 🗹	0.2%	28.09kb

Show all records >>

4. Object Headers

Learn more about Object Headers





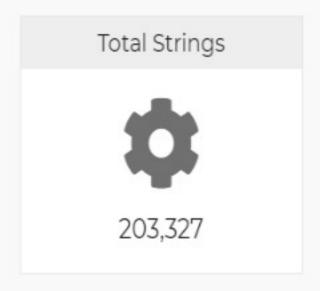
Class	Percentage	Total header size	Avg obj size	Count
char[]	15.1%	2.33mb	48	203,346
String	15.1%	2.33mb	24	203,327

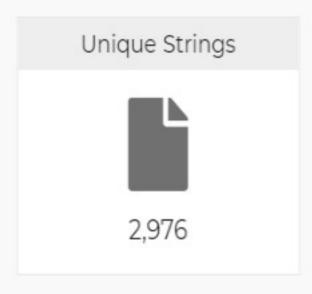
How to fix excessive Object headers?

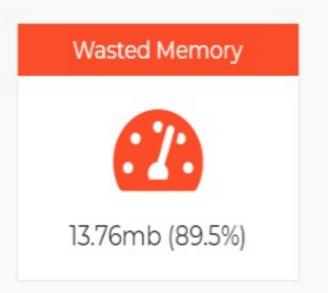
Please refer to our recommendations.

5. Duplicate Strings

Learn more about Duplicate Strings







♀ Top Duplicate Strings

Duplicate String	Percentage	Wasted	Count
"Hello World-39"	0.4%	70.24kb	1,000
"Hello World-140"	0.4%	70.24kb	1,000
"Hello World-35"	0.4%	70.24kb	1,000
"Hello World-8"	0.4%	70.24kb	1,000
"Hello World-78"	0.4%	70.24kb	1,000

Show all records >>

? Who is holding Duplicate Strings?

 Object Tree
 Percentage
 size

 {jutArraylist}.□
 89.3%
 14,048K

 String[]□
 <0.1%</td>
 1K

 sun management DiagnosticCommandArgumentInfo type □
 <0.1%</td>
 1K



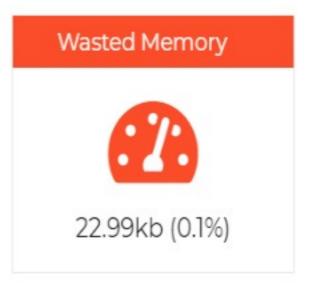
Please refer to our recommendations.

6. Inefficient collections

Learn more about Inefficient Collections







? Who is holding Inefficient Collections?

Object Tree

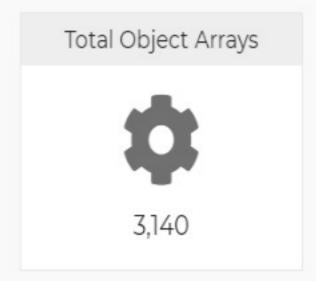
Object free	Percentage	SIZE
ju WeakHashMapSEntry value 🗹	<0.1%	1K
javalang management PlatformComponent keyProperties 🗹	<0.1%	960b
com sun jmx mbeanserver PerInterface setters.	<0.1%	808b

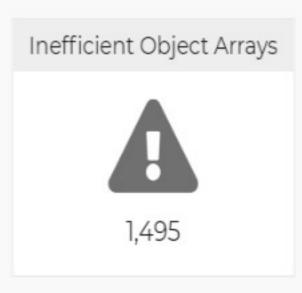


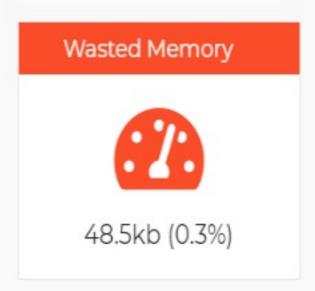
Please refer to our recommendations.

7. Inefficient Object Arrays

Learn more about Inefficient Object Arrays







? Who is holding Inefficient Object Arrays?

Object Tree size

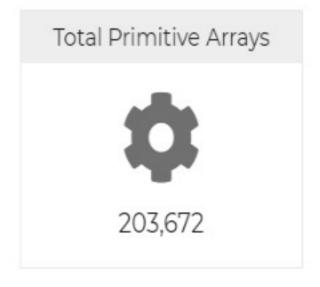
Unreachable (garbage) objects.	0.1%	17K
sun nio cs StandardCharsets\$Aliases ht 🗹	<0.1%	3K
javalang reflect Method parameter Types 🗹	<0.1%	1K

How to fix Inefficient Object Arrays?

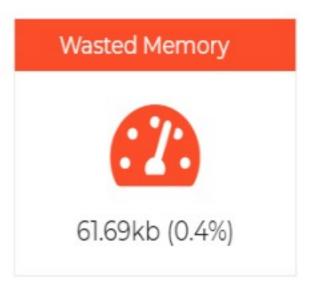
Please refer to our recommendations.

8. Inefficient Primitive Arrays

Learn more about Inefficient Primitive Arrays







Top inefficient Primitive Arrays

Problem	Percentage	Wasted
7% of byte[] contains no elements	0.1%	16.17kb
compared to the compared to th		10.0514

V.1% of char[] contains lot of us	0.1%	16.U5KD
< 0.1% of char[] contains no elements	0.1%	16.02kb

② Who is holding Inefficient Primitive Arrays?

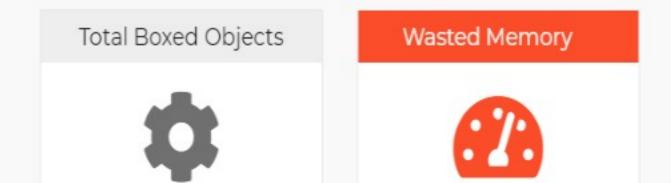
Object Tree	Percentage	size
java io BufferedWriter.cb. 2	0.2%	31K
java nio HeapByteBuffer hb. 🗹	0.1%	15K
java io BufferedInputStream buf 🗹	<0.1%	8K



Please refer to our recommendations.

9. Boxed Numbers

Learn more about **Boxed Numbers**



? Who is holding Boxed Numbers?

Object Tree	Percentage	size
jllong[]☑	<0.1%	4K
jlByte[].[2*	<0.1%	4K
jlShort[][<0.1%	4K



Please refer to our recommendations.

10. Duplicate Objects

Learn more about Duplicate Objects

Not Detected

11. Duplicate Primitive Arrays

Learn more about <u>Duplicate Primitive Arrays</u>



≡ Types of Duplicate Arrays

Array Type	Percentage	Wasted	Duplicate Count
byte[]	<0.1%	8.61kb	26
int[]	<0.1%	4.98kb	230
short[]	<0.1%	560b	7
char[]	<0.1%	48b	1
boolean[]	0.0%	n/a	0

Show all records >>

▼ Top Duplicate Arrays

Duplicate Array	Percentage	Wasted	Count
byte[8192](0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	<0.1%	8.02kb	2
int[0]()	<0.1%	2.73kb	176

short[32](0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	<0.1%	560b	8
int[32](0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	<0.1%	432b	4
int[2](1, 0)	<0.1%	264b	12

Show all records >>

? Who is holding Duplicate Arrays?

Object Tree	Percentage	size
java io BufferedInputStream buf 🗹	<0.1%	4K
javanio.HeapByteBuffer.hb. 🗹	<0.1%	4K
Unreachable (garbage) objects 🗹	<0.1%	2K

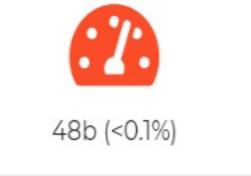


Please refer to our recommendations

12. Objects waiting for Finalization

Learn more about Objects waiting for Finalization

Wasted Memory



? What are the objects waiting for finalization?

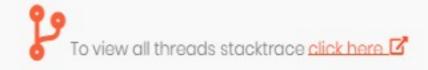
To see objects waiting for finalization, click here 2

How to fix objects waiting for finalization?

Please refer to our recommendations

13. Threads

Learn more about Threads



14. Heap settings

Learn more about Heap Settings

15. System Properties

Learn more about System Properties

Key	Value
awt.toolkit	sun.awt.windows.WToolkit
file.encoding	Cp1252
file.encoding.pkg	sun.io
file.separator	\
java.awt.graphicsenv	sun.awt.Win32GraphicsEnvironment

Show all records >>