

num	#instances	#bytes	class name (module)
1:	429	522240	[I(java.base@17.0.5)
2:	1871	107624	[B(java.base@17.0.5)
3:	497	61400	java.lang.Class(java.base@17.0.5)
4:	554	50024	[Ljava.lang.Object;(java.base@17.0.5)
5:	1632	39168	java.lang.String(java.base@17.0.5)
6:	6	33016	[C(java.base@17.0.5)
7:	996	31872	java.util.HashMap\$Node(java.base@17.0.5)
8:	891	28512	java.util.concurrent.ConcurrentHashMap\$Node(java.base@17.0.5)
9:	273	26016	[Ljava.util.HashMap\$Node;(java.base@17.0.5)
10:	275	13200	java.util.HashMap(java.base@17.0.5)
11:	17	10640	[Ljava.util.concurrent.ConcurrentHashMap\$Node;(java.base@17.0.5)
12:	362	8688	java.lang.module.ModuleDescriptor\$Exports(java.base@17.0.5)
13:	319	7656	java.util.KeyValueHolder(java.base@17.0.5)
14:	270	6480	java.util.ImmutableCollections\$Set12\$1(java.base@17.0.5)
15:	257	6168	java.util.ImmutableCollections\$Set12(java.base@17.0.5)
16:	106	5992	[Ljava.lang.String;(java.base@17.0.5)
17:	62	4960	java.net.URI(java.base@17.0.5)
18:	182	4368	java.util.ImmutableCollections\$SetN\$SetNIterator(java.base@17.0.5)
19:	132	4224	java.lang.module.ModuleDescriptor\$Requires(java.base@17.0.5)
20:	256	4096	java.lang.Integer(java.base@17.0.5)
21:	250	4000	java.util.Optional(java.base@17.0.5)
22:	62	3968	java.lang.module.ModuleDescriptor(java.base@17.0.5)
23:	159	3816	java.util.ImmutableCollections\$SetN(java.base@17.0.5)
24:	68	3808	java.lang.Module(java.base@17.0.5)
25:	10	3680	java.lang.Thread(java.base@17.0.5)
26:	62	3472	jdk.internal.module.Builder(java.base@17.0.5)
27:	62	3472	jdk.internal.module.ModuleReferenceImpl(java.base@17.0.5)
28:	203	3248	java.util.HashSet(java.base@17.0.5)

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29:	62	2568	[Ljava.lang.module.ModuleDescriptor\$Exports;(java.base@17.0.5)
30:	37	2368	java.util.concurrent.ConcurrentHashMap(java.base@17.0.5)
31:	64	2256	[Ljava.lang.module.ResolvedModule;(java.base@17.0.5)
32:	85	2040	java.lang.StringBuilder(java.base@17.0.5)
33:	62	1984	jdk.internal.loader.BuiltinClassLoader\$LoadedModule(java.base@17.0.5)
34:	62	1680	[Ljava.lang.module.ModuleDescriptor\$Requires;(java.base@17.0.5)
35:	62	1488	java.lang.module.ResolvedModule(java.base@17.0.5)
36:	62	1488	jdk.internal.module.ServicesCatalog\$ServiceProvider(java.base@17.0.5)
37:	62	1488	jdk.internal.module.SystemModuleFinders\$2(java.base@17.0.5)
38:	60	1440	java.lang.module.ModuleDescriptor\$Provides(java.base@17.0.5)
39:	62	1344	[Ljava.lang.module.ModuleDescriptor\$Provides;(java.base@17.0.5)
40:	50	1200	java.util.ImmutableCollections\$List12(java.base@17.0.5)
41:	4	1088	[J(java.base@17.0.5)
42:	67	1072	java.lang.Object(java.base@17.0.5)
43:	4	1056	[Ljava.util.Map\$Entry;(java.base@17.0.5)
44:	1	1040	[Ljava.lang.Integer;(java.base@17.0.5)
45:	62	1016	[Ljava.lang.module.ModuleDescriptor\$Opens;(java.base@17.0.5)
46:	60	960	jdk.internal.module.SystemModuleFinders\$3(java.base@17.0.5)
47:	36	936	[Ljdk.internal.module.ServicesCatalog\$ServiceProvider;(java.base@17.0.5)
48:	21	840	java.io.ObjectStreamField(java.base@17.0.5)
49:	30	720	java.util.concurrent.CopyOnWriteArrayList(java.base@17.0.5)
50:	19	608	java.util.Locale(java.base@17.0.5)
51:	19	608	sun.util.locale.BaseLocale(java.base@17.0.5)
52:	14	560	java.security.AccessControlContext(java.base@17.0.5)
53:	12	480	java.lang.OutOfMemoryError(java.base@17.0.5)
54:	1	376	java.lang.ref.Finalizer\$FinalizerThread(java.base@17.0.5)
55:	1	376	jdk.internal.misc.InnocuousThread(java.base@17.0.5)
56:	1	368	java.lang.ref.Reference\$ReferenceHandler(java.base@17.0.5)
57:	14	336	java.util.ImmutableCollections\$ListN(java.base@17.0.5)

58:	4	320	[S(java.base@17.0.5)
59:	5	320	java.net.URL(java.base@17.0.5)
60:	1	264	[Ljava.lang.ClassLoader;(java.base@17.0.5)
61:	1	264	[Ljava.lang.Module;(java.base@17.0.5)
62:	1	264	[Ljava.lang.module.ModuleDescriptor;(java.base@17.0.5)
63:	1	264	[Ljava.lang.module.ModuleReference;(java.base@17.0.5)
64:	1	264	[jdk.internal.module.ModuleHashes;(java.base@17.0.5)
65:	1	264	[jdk.internal.module.ModuleResolution;(java.base@17.0.5)
66:	1	264	[jdk.internal.module.ModuleTarget;(java.base@17.0.5)
67:	7	224	java.util.Hashtable\$Entry(java.base@17.0.5)
68:	7	208	[Ljava.io.ObjectStreamField;(java.base@17.0.5)
69:	5	200	java.io.FileDescriptor(java.base@17.0.5)
70:	5	200	java.security.CodeSource(java.base@17.0.5)
71:	5	200	java.security.ProtectionDomain(java.base@17.0.5)
72:	5	200	java.util.WeakHashMap\$Entry(java.base@17.0.5)
73:	6	192	java.io.File(java.base@17.0.5)
74:	6	192	java.lang.invoke.MethodHandles\$Lookup(java.base@17.0.5)
75:	8	192	java.util.ArrayList(java.base@17.0.5)
76:	6	192	java.util.ImmutableCollections\$MapN(java.base@17.0.5)
77:	2	176	java.lang.reflect.Method(java.base@17.0.5)
78:	4	144	[Ljava.lang.Thread;(java.base@17.0.5)
79:	3	144	java.lang.ThreadGroup(java.base@17.0.5)
80:	3	144	java.util.Hashtable(java.base@17.0.5)
81:	3	128	[Ljava.util.Hashtable\$Entry;(java.base@17.0.5)
82:	4	128	java.lang.ref.ReferenceQueue(java.base@17.0.5)
83:	4	128	jdk.internal.loader.NativeLibraries(java.base@17.0.5)
84:	2	112	[Ljava.lang.invoke.MethodHandle;(java.base@17.0.5)
85:	2	112	java.io.FileCleanable(java.base@17.0.5)
86:	2	112	java.nio.HeapByteBuffer(java.base@17.0.5)

87:	1	104	jdk.internal.loader.ClassLoaders\$AppClassLoader(java.base@17.0.5)
88:	1	104	jdk.internal.loader.ClassLoaders\$BootClassLoader(java.base@17.0.5)
89:	1	104	jdk.internal.loader.ClassLoaders\$PlatformClassLoader(java.base@17.0.5)
90:	1	96	[Lsun.util.locale.BaseLocale;(java.base@17.0.5)
91:	3	96	java.io.FileInputStream(java.base@17.0.5)
92:	4	96	java.lang.module.ModuleDescriptor\$Modifier(java.base@17.0.5)
93:	4	96	java.lang.module.ModuleDescriptor\$Opens(java.base@17.0.5)
94:	4	96	java.lang.module.ModuleDescriptor\$Requires\$Modifier(java.base@17.0.5)
95:	6	96	java.lang.ref.ReferenceQueue\$Lock(java.base@17.0.5)
96:	2	96	sun.nio.cs.StreamEncoder(java.base@17.0.5)
97:	2	96	sun.nio.cs.UTF_8\$Encoder(java.base@17.0.5)
98:	4	80	[Ljava.lang.Class;(java.base@17.0.5)
99:	2	80	[Ljava.lang.OutOfMemoryError;(java.base@17.0.5)
100:	5	80	[Ljava.security.Principal;(java.base@17.0.5)
101:	1	80	[Ljava.util.WeakHashMap\$Entry;(java.base@17.0.5)
102:	2	80	java.io.BufferedWriter(java.base@17.0.5)
103:	2	80	java.io.PrintStream(java.base@17.0.5)
104:	2	80	java.lang.ModuleLayer(java.base@17.0.5)
105:	2	80	java.lang.module.Configuration(java.base@17.0.5)
106:	5	80	java.security.ProtectionDomain\$Key(java.base@17.0.5)
107:	2	80	java.util.HashMap\$KeyIterator(java.base@17.0.5)
108:	3	72	jdk.internal.misc.Signal(java.base@17.0.5)
109:	2	64	complesso.Complesso
110:	2	64	java.io.BufferedOutputStream(java.base@17.0.5)
111:	2	64	java.io.FileOutputStream(java.base@17.0.5)
112:	1	64	java.lang.Class\$ReflectionData(java.base@17.0.5)
113:	2	64	java.lang.ref.ReferenceQueue\$Null(java.base@17.0.5)
114:	2	64	java.util.HexFormat(java.base@17.0.5)
115:	2	64	jdk.internal.loader.URLClassPath\$FileLoader\$1(java.base@17.0.5)

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116:	1	56	java.util.Properties(java.base@17.0.5)
117:	2	48	[Ljava.security.ProtectionDomain;(java.base@17.0.5)
118:	2	48	java.io.File\$PathStatus(java.base@17.0.5)
119:	2	48	java.io.OutputStreamWriter(java.base@17.0.5)
120:	1	48	java.lang.NullPointerException(java.base@17.0.5)
121:	3	48	java.nio.charset.CodingErrorAction(java.base@17.0.5)
122:	2	48	java.security.SecureClassLoader\$1(java.base@17.0.5)
123:	2	48	java.util.ArrayDeque(java.base@17.0.5)
124:	2	48	java.util.ImmutableCollections\$MapN\$MapNIterator(java.base@17.0.5)
125:	1	48	java.util.WeakHashMap(java.base@17.0.5)
126:	2	48	jdk.internal.misc.Signal\$NativeHandler(java.base@17.0.5)
127:	3	48	jdk.internal.module.ServicesCatalog(java.base@17.0.5)
128:	1	48	jdk.internal.ref.CleanerImpl\$PhantomCleanableRef(java.base@17.0.5)
129:	3	48	jdk.internal.reflect.ReflectionFactory\$GetReflectionFactoryAction(java.base@17.0.5)
130:	1	40	java.io.BufferedInputStream(java.base@17.0.5)
131:	1	40	java.lang.ArithmeticException(java.base@17.0.5)
132:	1	40	java.lang.Package\$VersionInfo(java.base@17.0.5)
133:	1	40	java.lang.VirtualMachineError(java.base@17.0.5)
134:	1	40	java.lang.ref.SoftReference(java.base@17.0.5)
135:	1	40	java.util.HashMap\$EntryIterator(java.base@17.0.5)
136:	1	40	jdk.internal.loader.URLClassPath(java.base@17.0.5)
137:	1	40	jdk.internal.ref.CleanerImpl\$CleanerCleanable(java.base@17.0.5)
138:	2	32	[Ljava.lang.StackTraceElement;(java.base@17.0.5)
139:	1	32	[Ljava.lang.ThreadGroup;(java.base@17.0.5)
140:	1	32	[Ljava.lang.module.ModuleDescriptor\$Modifier;(java.base@17.0.5)
141:	1	32	[Ljava.lang.module.ModuleDescriptor\$Requires\$Modifier;(java.base@17.0.5)
142:	1	32	[Ljdk.internal.module.ServicesCatalog;(java.base@17.0.5)
143:	2	32	java.io.FileInputStream\$1(java.base@17.0.5)
144:	1	32	java.io.UnixFileSystem(java.base@17.0.5)

145:	2	32	java.lang.Boolean(java.base@17.0.5)
146:	1	32	java.lang.Module\$ArchivedData(java.base@17.0.5)
147:	1	32	java.lang.Package(java.base@17.0.5)
148:	2	32	java.lang.ThreadLocal(java.base@17.0.5)
149:	1	32	java.lang.module.ModuleDescriptor\$Version(java.base@17.0.5)
150:	2	32	java.nio.ByteOrder(java.base@17.0.5)
151:	2	32	java.security.SecureClassLoader\$CodeSourceKey(java.base@17.0.5)
152:	1	32	java.util.Collections\$UnmodifiableMap(java.base@17.0.5)
153:	2	32	java.util.HashMap\$KeySet(java.base@17.0.5)
154:	1	32	java.util.ImmutableCollections\$ListItr(java.base@17.0.5)
155:	2	32	java.util.ImmutableCollections\$MapN\$1(java.base@17.0.5)
156:	1	32	java.util.concurrent.ConcurrentHashMap\$ReservationNode(java.base@17.0.5)
157:	2	32	java.util.concurrent.atomic.AtomicInteger(java.base@17.0.5)
158:	1	32	jdk.internal.loader.ArchivedClassLoaders(java.base@17.0.5)
159:	2	32	jdk.internal.loader.ClassLoaderValue(java.base@17.0.5)
160:	1	32	jdk.internal.module.ArchivedModuleGraph(java.base@17.0.5)
161:	1	24	[Ljava.io.File\$PathStatus;(java.base@17.0.5)
162:	1	24	[Ljava.lang.reflect.Method;(java.base@17.0.5)
163:	1	24	java.lang.PublicMethods\$MethodList(java.base@17.0.5)
164:	1	24	java.lang.RuntimePermission(java.base@17.0.5)
165:	1	24	java.lang.reflect.ReflectPermission(java.base@17.0.5)
166:	1	24	java.security.BasicPermissionCollection(java.base@17.0.5)
167:	1	24	java.security.Permissions(java.base@17.0.5)
168:	1	24	java.util.AbstractMap\$1\$1(java.base@17.0.5)
169:	1	24	java.util.Collections\$EmptyMap(java.base@17.0.5)
170:	1	24	java.util.Collections\$SetFromMap(java.base@17.0.5)
171:	1	24	jdk.internal.loader.URLClassPath\$3(java.base@17.0.5)
172:	1	24	jdk.internal.loader.URLClassPath\$FileLoader(java.base@17.0.5)
173:	1	24	jdk.internal.module.ModuleHashes(java.base@17.0.5)

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174:	1	24	jdk.internal.module.ModuleHashes\$Builder(java.base@17.0.5)
175:	1	24	jdk.internal.module.SystemModuleFinders\$SystemModuleFinder(java.base@17.0.5)
176:	1	24	jdk.internal.ref.CleanerImpl(java.base@17.0.5)
177:	1	24	sun.nio.cs.StandardCharsets(java.base@17.0.5)
178:	1	24	sun.nio.cs.UTF_8(java.base@17.0.5)
179:	1	24	sun.security.util.LazyCodeSourcePermissionCollection(java.base@17.0.5)
180:	1	16	[Ljava.lang.Throwable;(java.base@17.0.5)
181:	1	16	[Ljava.security.cert.Certificate;(java.base@17.0.5)
182:	1	16	java.io.FileDescriptor\$1(java.base@17.0.5)
183:	1	16	java.lang.CharacterDataLatin1(java.base@17.0.5)
184:	1	16	java.lang.ModuleLayer\$Controller(java.base@17.0.5)
185:	1	16	java.lang.Runtime(java.base@17.0.5)
186:	1	16	java.lang.String\$CaseInsensitiveComparator(java.base@17.0.5)
187:	1	16	java.lang.System\$2(java.base@17.0.5)
188:	1	16	java.lang.Terminator\$1(java.base@17.0.5)
189:	1	16	java.lang.invoke.MemberName\$Factory(java.base@17.0.5)
190:	1	16	java.lang.invoke.StringConcatFactory\$1(java.base@17.0.5)
191:	1	16	java.lang.invoke.StringConcatFactory\$2(java.base@17.0.5)
192:	1	16	java.lang.invoke.StringConcatFactory\$3(java.base@17.0.5)
193:	1	16	java.lang.module.ModuleDescriptor\$1(java.base@17.0.5)
194:	1	16	java.lang.ref.Cleaner(java.base@17.0.5)
195:	1	16	java.lang.ref.Cleaner\$1(java.base@17.0.5)
196:	1	16	java.lang.ref.Reference\$1(java.base@17.0.5)
197:	1	16	java.lang.reflect.ReflectAccess(java.base@17.0.5)
198:	1	16	java.net.URI\$1(java.base@17.0.5)
199:	1	16	java.net.URL\$3(java.base@17.0.5)
200:	1	16	java.net.URL\$DefaultFactory(java.base@17.0.5)
201:	1	16	java.nio.Buffer\$1(java.base@17.0.5)
202:	1	16	java.security.ProtectionDomain\$JavaSecurityAccessImpl(java.base@17.0.5)

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203:	1	16	java.util.AbstractMap\$1(java.base@17.0.5)
204:	1	16	java.util.Collections\$EmptyList(java.base@17.0.5)
205:	1	16	java.util.Collections\$EmptySet(java.base@17.0.5)
206:	1	16	java.util.HashMap\$EntrySet(java.base@17.0.5)
207:	1	16	java.util.WeakHashMap\$KeySet(java.base@17.0.5)
208:	1	16	jdk.internal.misc.ScopedMemoryAccess(java.base@17.0.5)
209:	1	16	jdk.internal.misc.Unsafe(java.base@17.0.5)
210:	1	16	jdk.internal.module.ArchivedBootLayer(java.base@17.0.5)
211:	1	16	jdk.internal.module.ModuleLoaderMap\$Mapper(java.base@17.0.5)
212:	1	16	jdk.internal.module.ModulePatcher(java.base@17.0.5)
213:	1	16	jdk.internal.module.ModuleTarget(java.base@17.0.5)
214:	1	16	jdk.internal.module.SystemModules\$default(java.base@17.0.5)
215:	1	16	jdk.internal.ref.CleanerFactory\$1(java.base@17.0.5)
216:	1	16	jdk.internal.reflect.ReflectionFactory(java.base@17.0.5)
217:	1	16	jdk.internal.util.SystemProps\$Raw(java.base@17.0.5)
218:	1	16	sun.net.www.protocol.file.Handler(java.base@17.0.5)
Total:	11662	1050624	