Benchmark	type	code-hints	JQF-full
getFreePhysicalMemorySize2*	Х	Х	Х
getSystemCpuLoad*	6938	8271	8271
${\it getTotalPhysicalMemorySize*}$	6573	7853	7853
getExpression	X	×	×
getCurrent*	260021	279418	279418
setCurrent*	329232	312113	312113
countItems*	305130	303602	303602
action	4	×	4
bounds*	305737	300813	300813
deliverEvent	4	×	4
disable*	X	314953	314953
enable*	X	307519	307519
enableBoolean*	395255	334530	334530
gotFocus	X	×	×
hide2*	X	305397	305397
inside	X	4	4
is Focus Traversable*	316656	300184	300184
keyDown2*	4	×	4
keyUp	X	×	×
layout*	4	303872	303872
locate*	573490	386835	386835
location*	306696	303470	303470
lostFocus	4	×	4
minimumSize*	304086	302118	302118
mouseDown	X	×	×
mouseDrag	X	×	×
mouseEnter	X	×	×
mouseExit	X	×	×
mouseMove	X	×	×
mouseUp	X	×	X
move*	X	312475	312475
nextFocus*	320021	304093	304093
postEvent	4	×	4
preferredSize*	314121	302367	302367
reshape*	X	337485	337485
resize*	X	303325	303325
resizeDimension*	308473	304091	304091
show2*	X	304598	304598
showBoolean*	353176	305720	305720
size*	303019	304129	304129
getOrientation	X	×	X
countComponents*	307227	480819	480819
insets*	363695	350580	350580

locate2*	layout*	4	326694	326694
minimumSize* 311775 326174 326174 preferredSize* 304025 338000 338000 hide2 X X X X show2 X X X X getMaxDecent* 7 4739 4739 4739 getClipRect* 5817 4563 4563 4663 addItem* 314291 310050 310050 301050 addItemStringInt* 307321 304672 304672 304672 304672 304672 304672 304672 304672 304672 304672 304672 304672 304672 304672 304672 304672 304672 304672 304622 300222 300222 300222 300222 300222 300222 300222 300420 309400 delItem2* 313268 X 313268 X 313268 X 313268 X 313268 X 303978 303978 303978 303978 303960 30420 300420				
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hide2 X X X show2 X X X getMaxDecent* 5 4739 4739 getClipRect* 5817 4563 4563 addItem* 314291 310050 310050 addItemStringInt* 307321 304672 304672 allowsMultipleSelections* 303349 300222 300222 clear* 7 300838 300838 countItems* 305333 309400 309400 delItem2* 313268 X 313268 isSelected* 302943 303978 303978 minimumSizeInt* 7 300420 300420 preferredSizeInt* 306185 304571 304571 minimumSizeInt* 7 300420 300420 preferredSizeInt* 303962 301560 301560 setMultipleSelections* 306267 303943 30943 countItems* 303021 300741 300741 countMenus*				
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setLineIncrement* 338810 310100 310100 setPageIncrement* 310031 303304 303304 appendText* 304258 300289 300289 insertText X X X minimumSize* 305891 303443 303443 minimumSizeIntInt* 4 300703 300703 preferredSize* 306466 306168 306168 preferredSizeIntInt* 309061 307489 307489 replaceText* 305456 301808 301808 minimumSize* 353665 305336 305336	getPageIncrement*	311350	310929	310929
setPageIncrement* 310031 303304 303304 appendText* 304258 300289 300289 insertText X X X minimumSize* 305891 303443 303443 minimumSizeIntInt* 4 300703 300703 preferredSize* 306466 306168 306168 preferredSizeIntInt* 309061 307489 307489 replaceText* 305456 301808 301808 minimumSize* 353665 305336 305336	getVisible*	315993	305636	305636
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minimumSize* 353665 305336 305336	replaceText*	305456	301808	301808
			305336	
	${\rm minimumSizeInt}^*$		312644	312644

preferredSize*	306455	307405	307405
preferredSizeInt*	500455	307321	307321
setEchoCharacter*	311932	302279	302279
getFontMetrics	X	X	X
hide2*	320302	315524	315524
postEvent2	520502 4	X	4
reshape3*	×	X	×
show3*	×	X	X
equals	X	X	X
concetenateTransform*	100133	107870	107870
preConcetenateTransform*	118632	114213	114213
instantiate	X	X	X
isJavaLetter*	1958	1304	1304
isJavaLetterOrDigit	X	X	X
isSpace*	7 4	1236	1236
newInstance	4	X	4 4
getPackage	4662	X	4662
getPackage2	X	X	X
major*	5780	6038	6038
minor*	6199	6191	6191
security*	5830	6042	6042
$\operatorname{getBytes}$	X	X	X
hasPrivateAccess*	4843	5137	5137
isAccessible	X	X	X
getTTL	×	×	×
$\det \mathrm{TTL}$	x	X	×
getTTL2*	5320	5742	5742
setTTL3*	7356		7356
decode	7330 4	X 4	7550 4
encode	×	×	×
setURL	×	X	X
loadClass*	? \$	6122	6122
done	×	X	X
invoke	×	X	×
newCall	×	X	×
exportObject	×	X	×
getVersion	×	X	X
setParameter2*	×	X	×
engineSetParameter	×	X	×
getBigDecimal	×	X	×
getLogStream	×	X	×
setLogStream*	4	47970	47970
${ m getBigDecimal 1}$	×	X	X
m getBigDecimal2	×	×	×
getUnicodeStream1	×	×	×
getUnicodeStream2	×	X	×
Ser e meddeburdani2	•	•	•

getTimezoneOffset* getYear*	X X	81828 15074	81828 15074	
	36141			
save		X	36141	
weakCompareAndSet5*	4	4	4	
weakCompareAndSet2	4	X	4	
weakCompareAndSet3	5926	X	5926	
weakCompareAndSet4	5687	×	5687	
weakCompareAndSet5	4	×	4	
getLoggingMXBean	X	×	X	
setMillis	X	×	×	
logrb1	X	×	×	
logrb2	X	×	×	
logrb3	X	×	×	
logrb4	X	×	×	
setMBeanServer	X	×	X	
deserialize1	X	×	X	
deserialize2	X	×	×	
deserialize3	X	×	×	
getDerivedGauge	X	×	X	
getDerivedGaugeTimeStamp	X	×	×	
getThreshold	X	×	X	
setThreshold2*	312122	301362	301362	
getDerivedGauge2	X	×	X	
getDerivedGaugeTimeStamp2	X	×	X	
getThreshold2	X	×	X	
setThreshold2	X	×	X	
getDerivedGauge8*	X	X	X	
getDerivedGaugeTimeStamp8*	X	X	X	
getDerivedGauge4	X	X	X	
getDerivedGaugeTimeStamp4	X	X	X	
getObservedObject	X	X	X	
setObservedObject3*	×	X	X	
getDerivedGauge5	×	×	X	
9	×			
getDerivedGaugeTimeStamp5		X	X	
getThreshold3	X	X	X	
setObservedObject2	X	X	X	
getDerivedGauge7*	X	X	X	
getDerivedGaugeTimeStamp7*	Х	X	X	
getDerivedGauge7	X	X	Х	
getDerivedGaugeTimeStamp7	Х	X	Х	
getPeerCertificateChain	Х	Х	Х	
getPeerCertificateChain2	×	×	X	
setUnicodeStream	4	×	4	
getLabel*	4	306752	306752	
setLabel*	345767	311110	311110	
disableSwingFocusManager2*	4	×	4	

isFocusManagerEnabled	X	X	X
shouldYieldFocus*	4	397834	397834
disable2*	×	X	X
enable2*	X	X	×
getNextFocusableComponent	X	X	X
isManagingFocus	4	X	4
requestDefaultFocus	7 4	×	7 4
reshape*	X	418805	7 418805
	X		
setNextFocusableComponent	-	X 304150	X
getMenuBar2* setMenuBar	$386159 \\ 327214$		$304150 \\ 327214$
		X	
getSelectedValues	X	X	X
getMenuBar2	X	X	X
getText1	X	X	X
getText2	X	X	X
getComponentAtIndex	X	X	X
getMenuBar2*	317872	309277	309277
setMenuBar2	X	Х	Х
createScrollPaneForTable	X	Х	Х
sizeColumnsToFit2*	×	Х	X
isBackingStoreEnabled	4	Х	4
setBackingStoreEnabled2*	Х	Х	Х
getKeyStroke2*	X	X	X
getViewportBorderBounds	309289	X	309289
findFocusOwner	4	X	4
modelToView1	X	X	X
modelToView2	×	X	X
viewToModel1	×	X	X
viewToModel2	×	X	X
uninstallListeners*	×	484892	484892
modelToView3	×	X	X
viewToModel3*	×	300174	300174
drawEchoCharacter*	4	54507	54507
drawSelectedText3*	×	X	X
drawUnselectedText3*	×	X	X
drawTabbedText*	4	8086	8086
getBreakLocation2*	×	X	X
getPositionAbove*	4	377539	377539
getPositionBelow*	4	355799	355799
getTabbedTextOffset1	×	X	X
getTabbedTextOffset2	×	X	X
getTabbedTextWidth3	×	X	X
drawLine*	4	25387	25387
drawSelectedText*	\$ \$ \$	24498	24498
drawUnselectedText*	'	24469	24469
insertAtBoundry	X	X	X

newInstance3*	4620	4413	4413
newInstance3*	4610	4401	4401
newInstance4	4512	X	4512
acceptSecContext	X	X	X
getMIC	X	X	X
initSecContext	X	X	X
unwrap	X	X	X
verifyMIC	X	X	X
wrap	X	X	X
Average	221682	225801	216628
Sound	78	102	111
Unsound	37	3	19
Missed	121	131	106
Average CH	233771	225801	224542
Sound CH	71	102	104
Unsound CH	23	1	4
Missed CH	31	22	17
Success Rate	0.33	0.43	0.47
Success Rate CH	0.57	0.82	0.83