

BSTinsert

Metric	JavaScript	C	Kotlin	Java	Dart
Execution time (ms)	861.9545	0.015580	40.17104	4.645383	231
Max RSS Memory(kb)	30636	2016	53640	84312	13760
Minor (frame) pf	7283	141	7743	14276	1999
Voluntary con. switches	28	0	23	113	0
Involuntary con. switches	36	1	550	1346	7

countingSort

Metric	JavaScript	Swift	C	C++	Kotlin	Java	Dart
Execution time (ms)	12.28329	5.934953	0.241369	0.953557	6.542621	11.89039	2361
Max RSS Memory(kb)	30828	114000	1640	3992	50492	84908	14760
Minor (frame) pf	7414	10371	71	235	6863	14737	2243
Voluntary con. switches	3	7	0	0	20	84	0
Involuntary con. switches	30	18	1	1	539	1301	6

insertionSort

Metric	JavaScript	Swift	C	C++	Kotlin	Java	Dart
Execution time (ms)	107.1020	369.9809	0.242868	236.601	71.95877	79.92791	318616
Max RSS Memory(kb)	29760	113704	1664	3548	50448	85376	13912
Minor (frame) pf	6972	10325	71	138	6774	13910	2048
Voluntary con. switches	8	4	1	4	18	54	1
Involuntary con. switches	32	14	1	1	589	1161	6

mergeSort

Metric	JavaScript	Swift	C	C++	Kotlin	Java	Dart
Execution time (ms)	35.31069	16.42799	0.003601	3.40451	30.48851	4.668433	10018
Max RSS Memory(kb)	32472	115072	1780	3572	53960	86404	16484
Minor (frame) pf	7687	10667	83	146	7790	14422	2673
Voluntary con. switches	3	3	0	0	18	53	0
Involuntary con. switches	47	18	1	1	545	1279	7

BSTremove

Metric	C	Kotlin	Java	Dart
Execution time (ms)	0.003247	5.130309	6.614559	196
Max RSS Memory(kb)	1968	54100	84892	13660
Minor (frame) pf	139	7857	14586	1996
Voluntary con. switches	0	10	85	0
Involuntary con. switches	1	531	1247	7

bfs

Metric	C
Execution time (ms)	0.071004
Max RSS Memory(kb)	64100
Minor (frame) pf	15691
Voluntary con. switches	1
Involuntary con. switches	1

dfs

Metric	C
Execution time (ms)	0.007225
Max RSS Memory(kb)	32848
Minor (frame) pf	7889
Voluntary con. switches	0
Involuntary con. switches	1

gradientBitmapCalculator

Metric	C	Kotlin	Java	Go	Dart
Execution time (ms)	0.000092	9.961992	0.539375	0.013064	0.022
Max RSS Memory(kb)	1632	36216	84892	1820	12972
Minor (frame) pf	60	3205	13801	191	1804
Voluntary con. switches	0	9	36	2	0
Involuntary con. switches	1	356	1268	16	6