

DANIELA VILLAMAR
MIRKA MOZON

PRUEBAS PROFILER

HT9

PRUEBA SPLAY

Se guarda..

Method	Total Time ▼	Inv.	Avg. Time	Median Time	Min. Time	Max. Time	Std. Dev. ?	Outlier Co... ?
BSTFactory.create(java.lang.String)	1,685 µs	1	1,685 µs	1,685 µs	1,685 µs	1,685 µs	10 µs	0
Main.lambda\$0(BSTInterface, java.lang.St...	752 µs	6	125 µs	17 µs	17 µs	618 µs	233 µs	35.35
SplayTree.put(java.lang.Comparable, java...	680 µs	6	113 µs	10 µs	10 µs	591 µs	214 µs	58.1
SplayTree.splay(SplayTree\$Node, java.lan...	53 µs	9	5 µs	0 µs	0 µs	19 µs	5 µs	19
SplayTree.<init>()	39 µs	1	39 µs	39 µs	39 µs	39 µs	39 µs	0
SplayTree\$Node.<init>(SplayTree, java.la...	14 µs	6	2 µs	0 µs	0 µs	12 µs	2 µs	12
SplayTree.rotateLeft(SplayTree\$Node)	3 µs	3	1 µs	1 µs	1 µs	1 µs	1 µs	0
SplayTree.rotateRight(SplayTree\$Node)	1 µs	1	1 µs	1 µs	1 µs	1 µs	1 µs	0

Se traduce..

Method	Total Time ▼	Inv.	Avg. Time	Median Time	Min. Time	Max. Time	Std. Dev. ?	Outlier Co... ?
SplayTree.splay(SplayTree\$Node, java.lan...	140 µs	27	5 µs	0 µs	0 µs	25 µs	5 µs	25
SplayTree.get(java.lang.Comparable)	131 µs	14	9 µs	3 µs	3 µs	29 µs	9 µs	8.67
SplayTree.contains(java.lang.Comparable)	130 µs	11	11 µs	3 µs	3 µs	33 µs	11 µs	10
SplayTree.rotateRight(SplayTree\$Node)	8 µs	12	0 µs	0 µs	0 µs	1 µs	0 µs	1
SplayTree.rotateLeft(SplayTree\$Node)	5 µs	10	0 µs	0 µs	0 µs	1 µs	0 µs	1

DANIELA VILLAMAR
MIRKA MOZON

PRUEBA RED BLACK

Se guarda..

Method	Total Time ▼	Inv.	Avg. Time	Median Time	Min. Time	Max. Time	Std. Dev. ?	Outlier Co... ?
BSTFactory.create(java.lang.String)	4,738 µs	1	4,738 µs	4,738 µs	4,738 µs	4,738 µs	13 µs	0
RedBlackTree.put(RedBlackTree\$Node, ja...	1,075 µs	16	67 µs	2 µs	2 µs	728 µs	175 µs	363
Main.lambda\$0(BSTInterface, java.lang.St...	1,042 µs	6	173 µs	75 µs	44 µs	766 µs	274 µs	9.21
RedBlackTree.put(java.lang.Comparable, j...	961 µs	6	160 µs	34 µs	34 µs	736 µs	261 µs	20.65
RedBlackTree.<init>()	41 µs	1	41 µs	41 µs	41 µs	41 µs	41 µs	0
RedBlackTree.isRed(RedBlackTree\$Node)	40 µs	53	0 µs	0 µs	0 µs	10 µs	0 µs	10
RedBlackTree\$Node.<init>(RedBlackTree, ...	20 µs	6	3 µs	0 µs	0 µs	15 µs	3 µs	15
RedBlackTree.size(RedBlackTree\$Node)	17 µs	34	0 µs	0 µs	0 µs	2 µs	0 µs	2
RedBlackTree.rotateLeft(RedBlackTree\$No...	16 µs	5	3 µs	3 µs	3 µs	4 µs	3 µs	0.33
RedBlackTree.rotateRight(RedBlackTree\$N...	7 µs	2	3 µs	3 µs	3 µs	4 µs	3 µs	0.33
RedBlackTree.flipColors(RedBlackTree\$Node)	2 µs	2	1 µs	1 µs	1 µs	1 µs	1 µs	0

Se traduce..

Method	Total Time ▼	Inv.	Avg. Time	Median Time	Min. Time	Max. Time	Std. Dev. ?	Outlier Co... ?
RedBlackTree.contains(java.lang.Compara...	67 µs	11	6 µs	3 µs	3 µs	23 µs	6 µs	6.67
RedBlackTree.get(java.lang.Comparable)	61 µs	14	4 µs	1 µs	1 µs	15 µs	4 µs	14
RedBlackTree.get(RedBlackTree\$Node, ja...	45 µs	14	3 µs	1 µs	1 µs	7 µs	3 µs	6