

summary

			master	cr w/o acceptCurrent		cr				
			ms	ms	x improvement	ms	x improvement			
standalone	packed	10k	4.5	2.8	1.6	2.6	1.8			
		100k	28.8	11.3	2.5	10.8	2.7			
		1m	251.2	112.2	2.2	78.4	3.2			
		10m	2441.3	1134.0	2.2	883.0	2.8			
	unpacked	10k	2.9	1.9	1.5	2.1	1.4			
		100k	25.6	11.2	2.3	13.2	1.9			
		1m	251.1	113.5	2.2	93.6	2.7			
		10m	2490.2	1167.6	2.1	845.8	2.9			
		writer	packed	10k	6.0	3.7	1.6	3.9	1.5	
				100k	40.7	22.4	1.8	13.2	3.1	
1m	383.2			195.9	2.0	112.3	3.4			
unpacked	10m		3626.0	1866.4	1.9	957.8	3.8			
	10k		4.7	2.7	1.7	2.2	2.1			
	100k		40.2	22.3	1.8	17.0	2.4			
		1m	404.3	235.7	1.7	139.4	2.9			
		10m	4119.2	2477.9	1.7	1351.6	3.0			

Master = current master code

cr w/o acceptCurrent = code in review without the acceptCurrent optimization

cr = code in review

Ms = milliseconds

x improvement = improvement multiple over master

Standalone = standalone test

Writer = test while a writer performs updates every 1ms

Packed = index created after data inserted (size 251583696)

Unpacked = index created before data inserted (size 460325152)

10k = count 10000 keys

100k = count 100000 keys

1m = count 1000000 keys

10m = count 10000000 keys