

v0.9.3-dev -- PR 165 with thread pools disabled

cargo run --release -- --invalidate --eviction-listener=queued

Differences

Cache	Max Capacity	Clients	Inserts	Reads	Hit Ratio	Invalidates	Evicted by Size	Expired	Duration Secs
Sync Cache	100,000	8	12,839,033	14,356,740	10.571	128,640	12,603,911	0	11.599
		16	12,844,971	14,356,740	10.530	128,386	12,613,644	0	12.665
		24	12,848,294	14,356,740	10.507	127,993	12,621,361	0	13.616
		32	12,852,304	14,356,740	10.479	128,785	12,621,879	0	14.179
		40	12,849,153	14,356,740	10.501	128,245	12,612,241	0	14.777
		48	12,852,293	14,356,740	10.479	128,589	12,622,749	0	16.768
Sync Segmented	100,000	8	12,868,154	14,356,740	10.369	124,532	12,642,724	0	7.118
		16	12,864,577	14,356,740	10.393	124,995	12,638,461	0	6.492
		24	12,862,857	14,356,740	10.405	125,064	12,637,040	0	6.329
		32	12,863,231	14,356,740	10.403	124,882	12,639,078	0	6.319
		40	12,858,967	14,356,740	10.433	124,066	12,629,084	0	6.237
		48	12,855,197	14,356,740	10.459	125,463	12,629,571	0	6.180
Sync Cache	800,000	8	5,287,005	14,356,740	63.174	1,009,558	3,477,852	0	7.278
		16	5,301,706	14,356,740	63.072	1,002,376	3,498,671	0	7.908
		24	5,300,323	14,356,740	63.081	1,006,697	3,486,905	0	8.360
		32	5,305,828	14,356,740	63.043	1,004,129	3,502,135	0	8.702
		40	5,300,399	14,356,740	63.081	1,006,352	3,494,493	0	9.042
		48	5,311,044	14,356,740	63.007	1,000,679	3,507,166	0	9.367
Sync Segmented	800,000	8	4,923,011	14,356,740	65.709	1,068,499	3,054,247	0	5.731
		16	4,911,557	14,356,740	65.789	1,074,644	3,036,777	0	5.132
		24	4,913,262	14,356,740	65.777	1,075,063	3,037,854	0	5.216
		32	4,929,429	14,356,740	65.665	1,068,227	3,060,828	0	5.331
		40	4,922,600	14,356,740	65.712	1,073,389	3,048,799	0	5.341
		48	4,920,769	14,356,740	65.725	1,074,830	3,045,772	0	5.297

Hit Ratio	Duration Secs
0.022	100.277%
0.044	101.604%
0.008	105.062%
0.008	99.189%
-0.015	103.249%
0.022	102.513%
-0.017	100.907%
-0.004	99.251%
0.010	100.285%
-0.014	98.982%
-0.017	98.190%
0.057	98.001%
0.030	98.097%
0.033	99.886%
0.125	100.917%
0.124	100.023%
0.058	99.713%
-0.033	99.038%
-0.108	102.084%
-0.001	99.150%
0.025	100.404%
-0.044	101.873%
0.000	100.282%
-0.040	100.608%

v0.9.3-dev -- Before applying PR 165

Cache	Max Capacity	Clients	Inserts	Reads	Hit Ratio	Invalidates	Evicted by Size	Expired	Duration Secs
Sync Cache	100,000	8	12,842,249	14,356,740	10.549	129,241	12,607,332	0	11.567
		16	12,851,336	14,356,740	10.486	128,306	12,606,346	0	12.465
		24	12,849,435	14,356,740	10.499	128,547	12,606,090	0	12.862
		32	12,853,385	14,356,740	10.471	128,374	12,614,775	0	14.295
		40	12,847,036	14,356,740	10.516	128,814	12,603,435	0	14.312
		48	12,855,393	14,356,740	10.457	127,883	12,618,691	0	16.357
Sync Segmented	100,000	8	12,865,618	14,356,740	10.386	124,742	12,638,679	0	7.054
		16	12,864,114	14,356,740	10.397	124,335	12,638,219	0	6.541
		24	12,864,415	14,356,740	10.395	125,237	12,635,222	0	6.311
		32	12,861,214	14,356,740	10.417	125,521	12,634,451	0	6.384
		40	12,856,454	14,356,740	10.450	124,864	12,630,803	0	6.352
		48	12,863,315	14,356,740	10.402	124,989	12,638,103	0	6.255
Sync Cache	800,000	8	5,291,268	14,356,740	63.144	1,001,826	3,479,338	0	7.411
		16	5,306,333	14,356,740	63.039	1,006,816	3,490,000	0	7.917
		24	5,318,256	14,356,740	62.956	991,266	3,517,318	0	8.284
		32	5,323,624	14,356,740	62.919	989,280	3,525,314	0	8.700
		40	5,308,746	14,356,740	63.023	1,004,593	3,495,870	0	9.068
		48	5,306,250	14,356,740	63.040	1,006,011	3,490,234	0	9.458
Sync Segmented	800,000	8	4,907,538	14,356,740	65.817	1,077,526	3,029,353	0	5.614
		16	4,911,487	14,356,740	65.790	1,074,998	3,022,642	0	5.176
		24	4,916,907	14,356,740	65.752	1,075,120	3,040,731	0	5.195
		32	4,923,006	14,356,740	65.709	1,072,191	3,050,578	0	5.233
		40	4,922,665	14,356,740	65.712	1,073,609	3,045,727	0	5.326
		48	4,915,051	14,356,740	65.765	1,075,970	3,038,527	0	5.265