Bench configuration	
total	10000000
durationDiviser	10
batchExpiredBy	50
expireDelay	3600
sleepDuration	5
expiredProportion	3

Computed data	
Total expired in queue	3333333

	Dataset size in mb	Total indexing duration in seconds	Total batch duration in sec
Redis	1991,04	770	233
Mariadb	1200,64	4768	2589

Dataset size repartition

Mariadb 37,6%
Redis 62,4%

Total indexing duration repartition

Redis 13,9%
Mariadb 86,1%

Total batch duration repartition

Redis 8,3%
Mariadb 91,7%
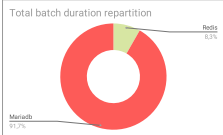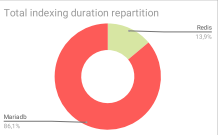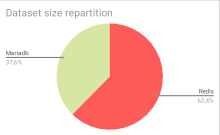
Duration in ms to insert one item in the queue vs length of the queue

Position	Redis	MariaDB	Diff
1 000 000	0,07	0,4	-82,50%
2 000 000	0,09	0,41	-78,05%
3 000 000	0,06	0,42	-85,71%
4 000 000	0,08	0,41	-80,49%
5 000 000	0,07	0,41	-82,93%
6 000 000	0,09	0,42	-78,57%
7 000 000	0,08	0,51	-84,31%
8 000 000	0,06	0,63	-90,48%
9 000 000	0,06	0,47	-87,23%
10 000 000	0,07	0,81	-91,36%

Fastest is Redis with avg -84,16%
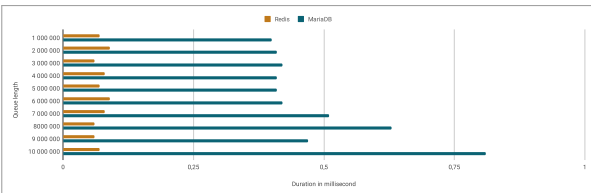
Duration in ms to batch items vs length of the queue

Position	Redis	MariaDB	Diff
1 000 000	3,31	22,51	-85,30%
2 000 000	4,41	36,25	-87,83%
3 000 000	3,14	34,58	-90,92%
4 000 000	3,8	36,24	-89,51%
5 000 000	3,55	36,66	-90,32%
6 000 000	4	35,86	-88,85%
7 000 000	4,28	34,86	-87,72%
8 000 000	3,14	43,48	-92,78%
9 000 000	2,63	50,84	-94,83%
10 000 000	3,51	42,87	-91,81%

Fastest is Redis with avg -89,99%
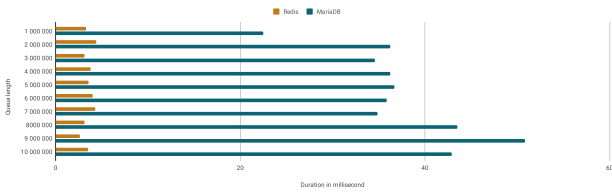
Duration in ms to batch all expired items vs remaining expired items in queue

Iteration	Remaining items pct	Redis	MariaDB	Diff
3000	95,50%	3,86	34,52	-88,82%
9000	86,50%	2,59	73,48	-96,48%
15000	77,50%	2,25	34,18	-93,42%
24000	64,00%	3,44	34,44	-90,01%
33000	50,50%	2,06	42,43	-95,14%
39000	41,50%	3,91	35,9	-89,11%
42000	37,00%	4	32,86	-87,83%
48000	28,00%	3,36	38,32	-91,23%
60000	10,00%	3,54	47,58	-92,56%
66666	0,00%	2,41	39,87	-93,96%

Fastest is Redis with avg -91,85%