

PolePosition

the open source database benchmark

<http://www.polepos.org>

Participating teams

perst

the open source object database for Java and .NET

<http://www.perst.org>

db4o

the open source object database for Java and .NET

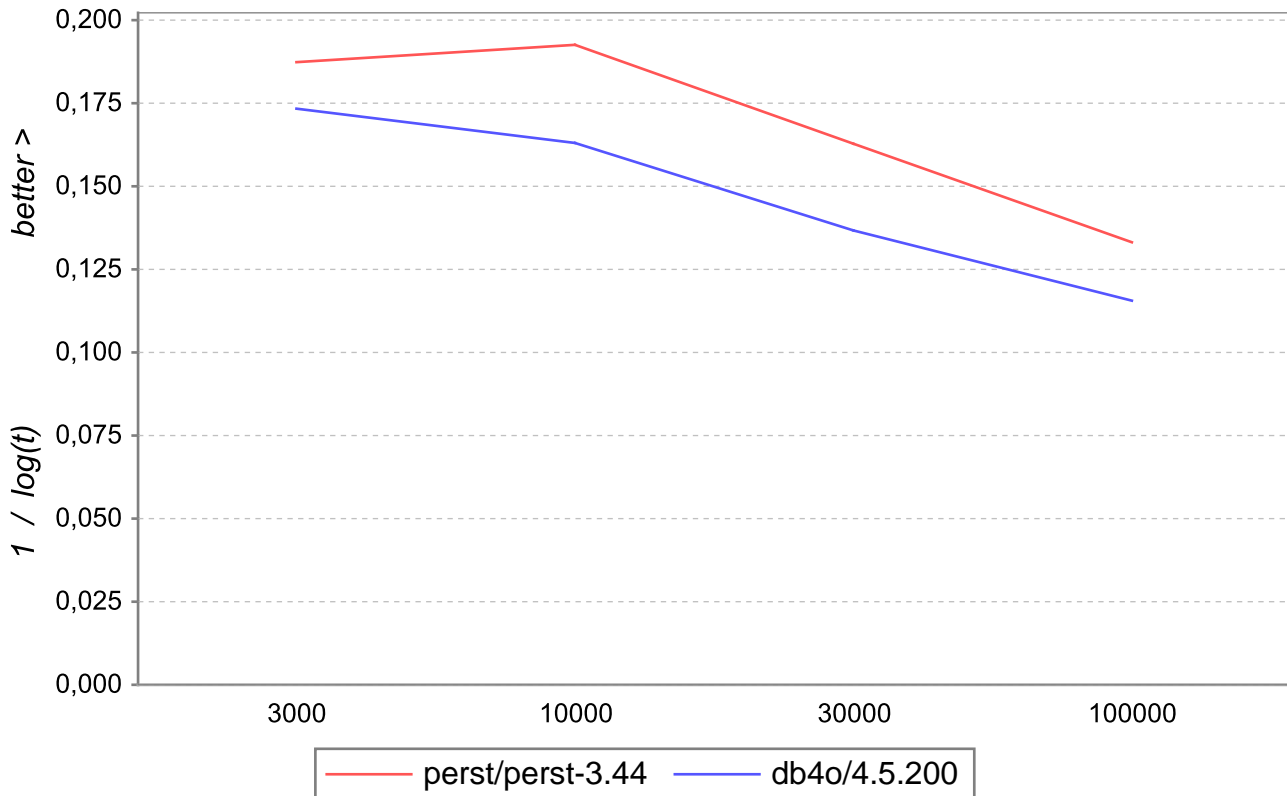
<http://www.db4o.com>

Circuit: Melbourne

writes, reads and deletes unstructured flat objects of one kind in bulk mode

Lap: write

t [time in ms]	objects:3000	objects:10000	objects:30000	objects:100000
perst/perst-3.44	208	180	465	1826
db4o/4.5.200	320	461	1502	5717

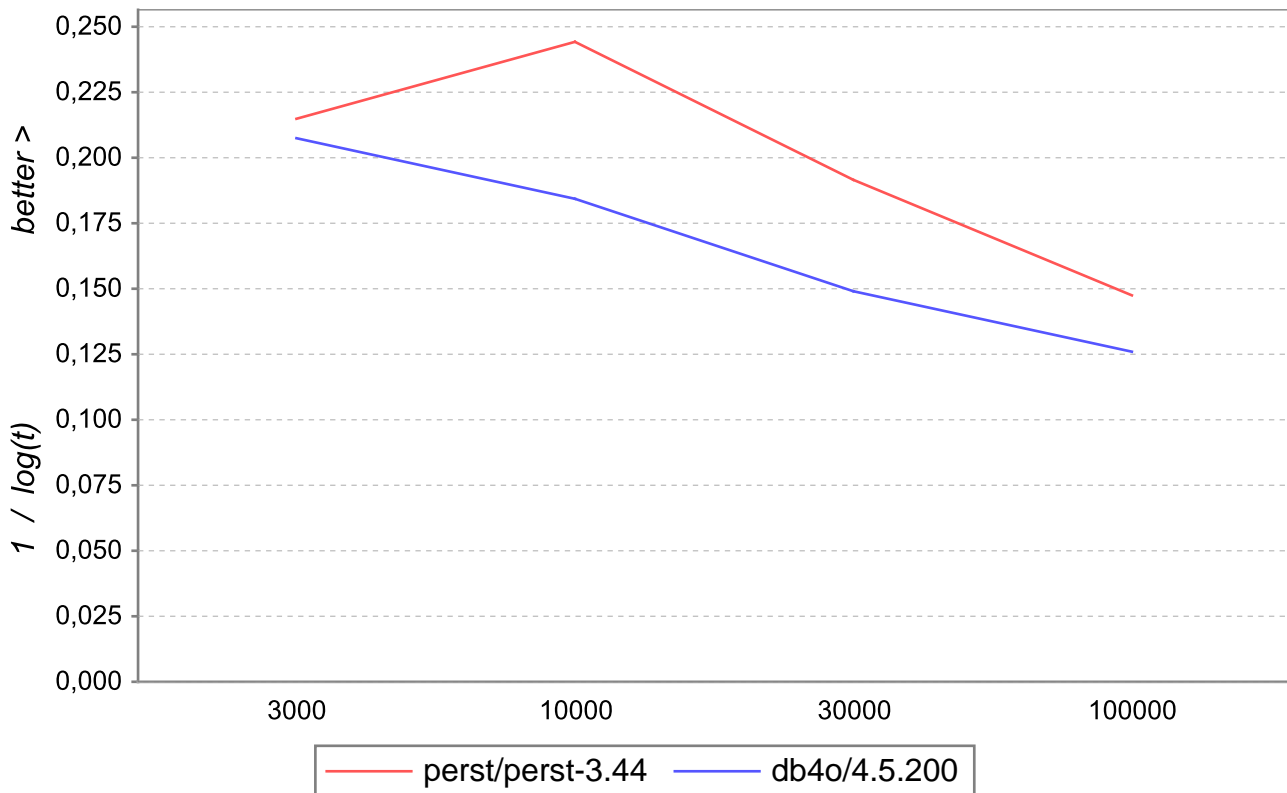


Circuit: Melbourne

writes, reads and deletes unstructured flat objects of one kind in bulk mode

Lap: read

t [time in ms]	objects:3000	objects:10000	objects:30000	objects:100000
perst/perst-3.44	105	60	185	880
db4o/4.5.200	124	227	820	2801

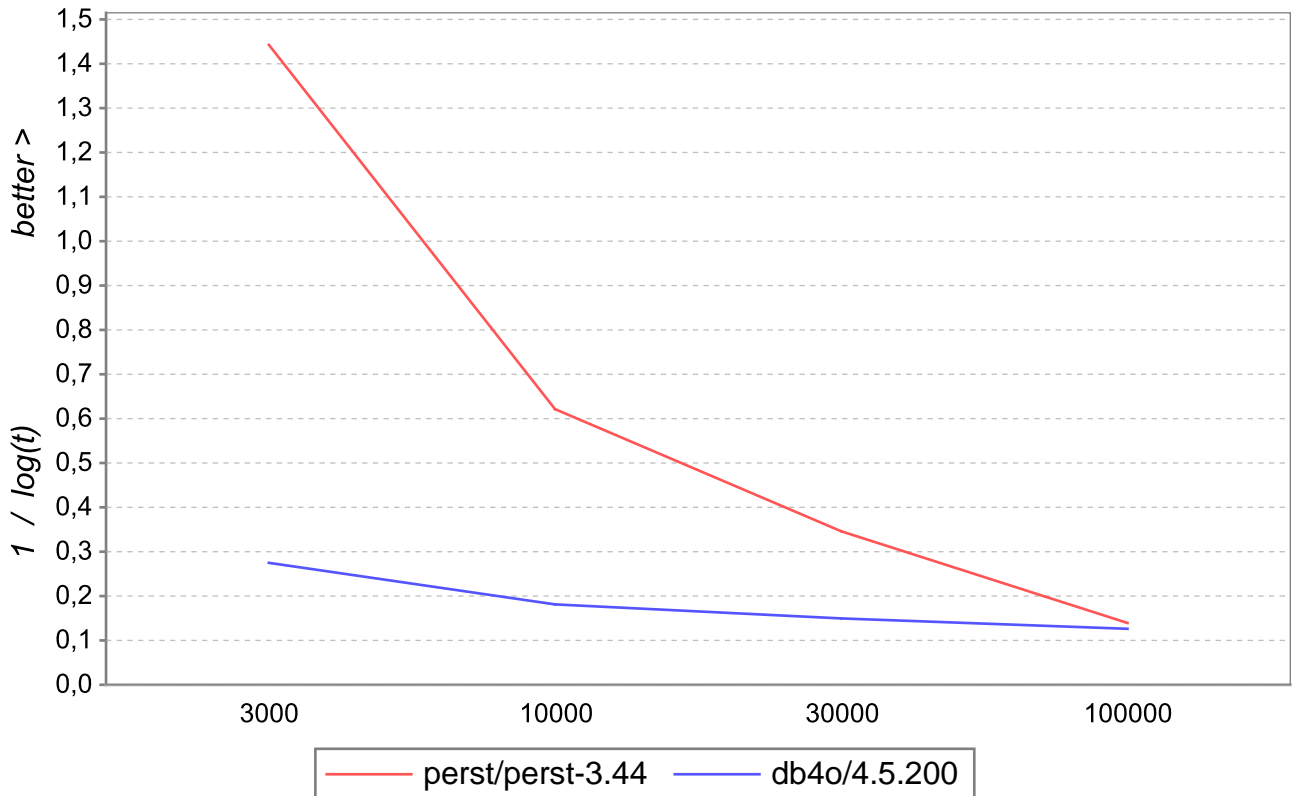


Circuit: Melbourne

writes, reads and deletes unstructured flat objects of one kind in bulk mode

Lap: read_hot

t [time in ms]	objects:3000	objects:10000	objects:30000	objects:100000
perst/perst-3.44	2	5	18	1307
db4o/4.5.200	38	249	800	2767

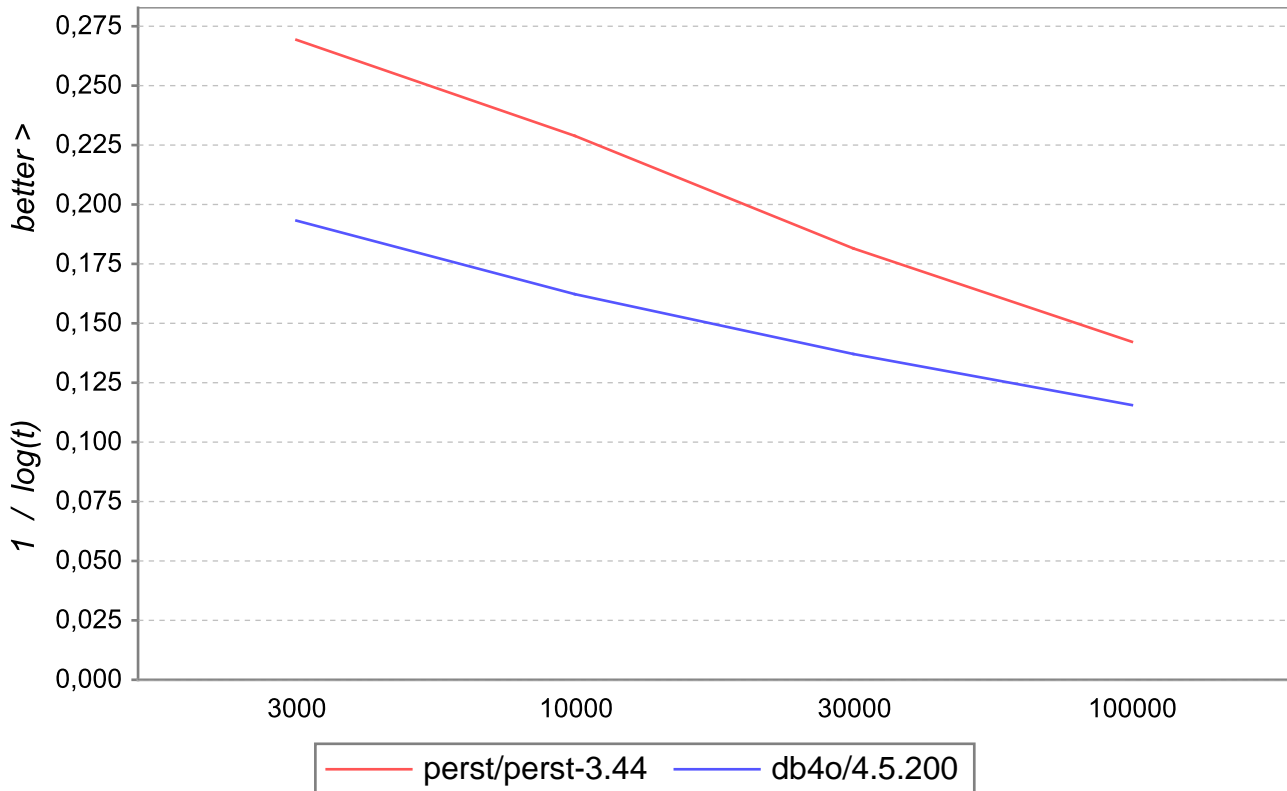


Circuit: Melbourne

writes, reads and deletes unstructured flat objects of one kind in bulk mode

Lap: delete

t [time in ms]	objects:3000	objects:10000	objects:30000	objects:100000
perst/perst-3.44	41	79	247	1131
db4o/4.5.200	177	475	1473	5713

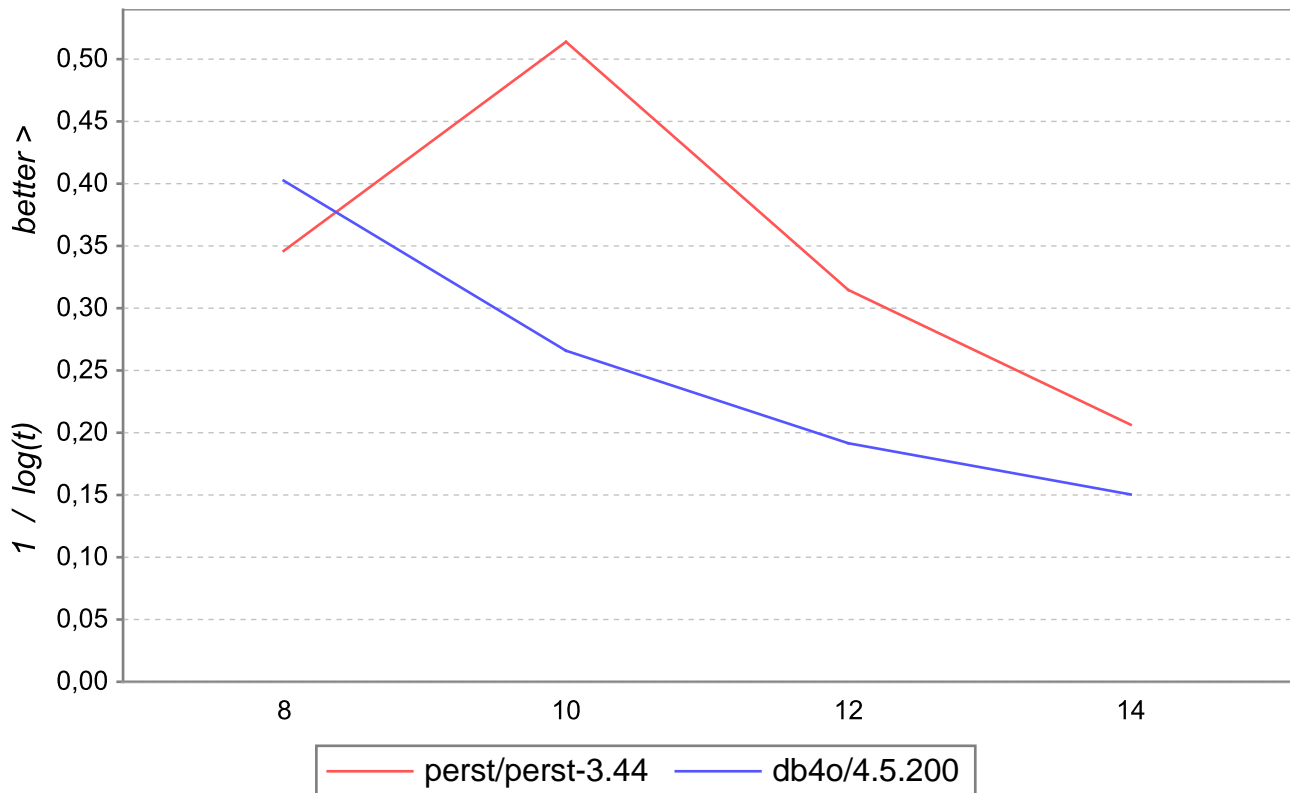


Circuit: Sepang

writes, reads and then deletes an object tree

Lap: write

t [time in ms]	depth:8	depth:10	depth:12	depth:14
perst/perst-3.44	18	7	24	127
db4o/4.5.200	12	43	185	771

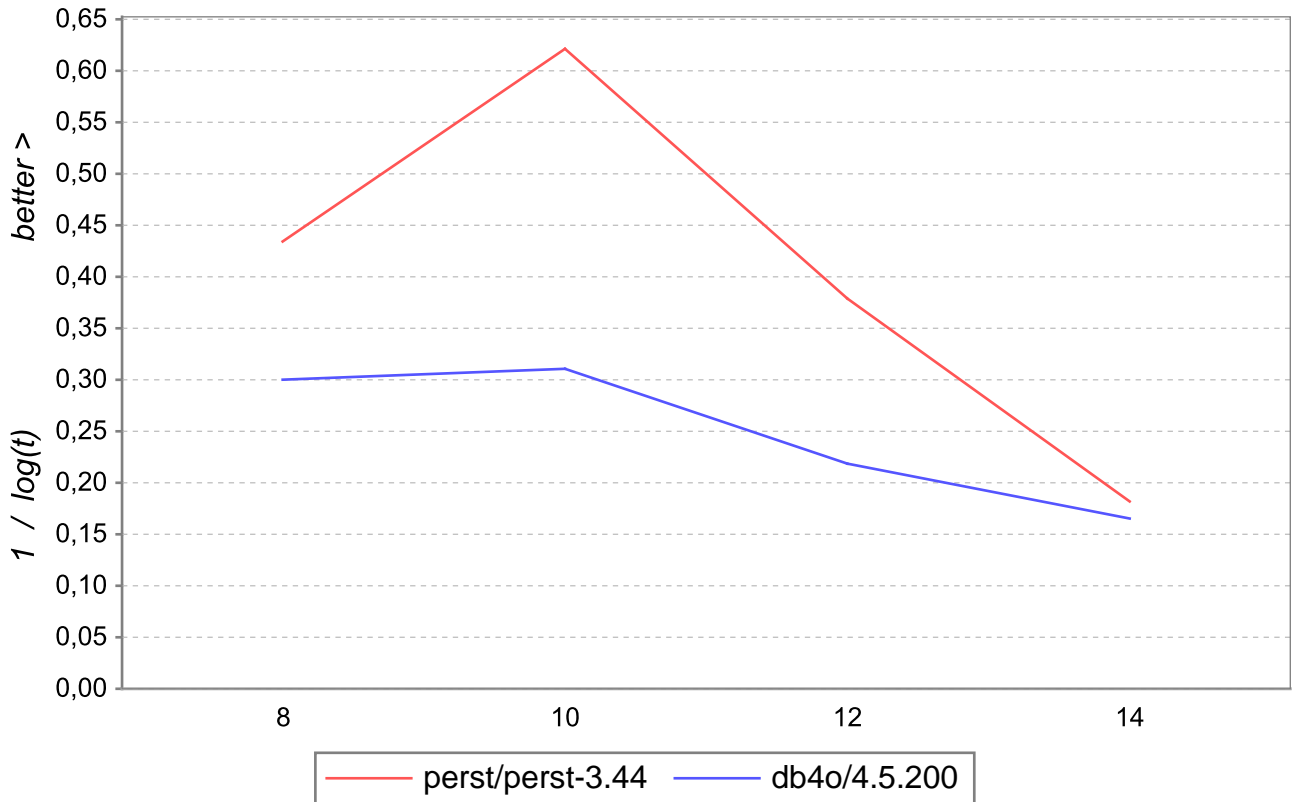


Circuit: Sepang

writes, reads and then deletes an object tree

Lap: read

t [time in ms]	depth:8	depth:10	depth:12	depth:14
perst/perst-3.44	10	5	14	244
db4o/4.5.200	28	25	97	424

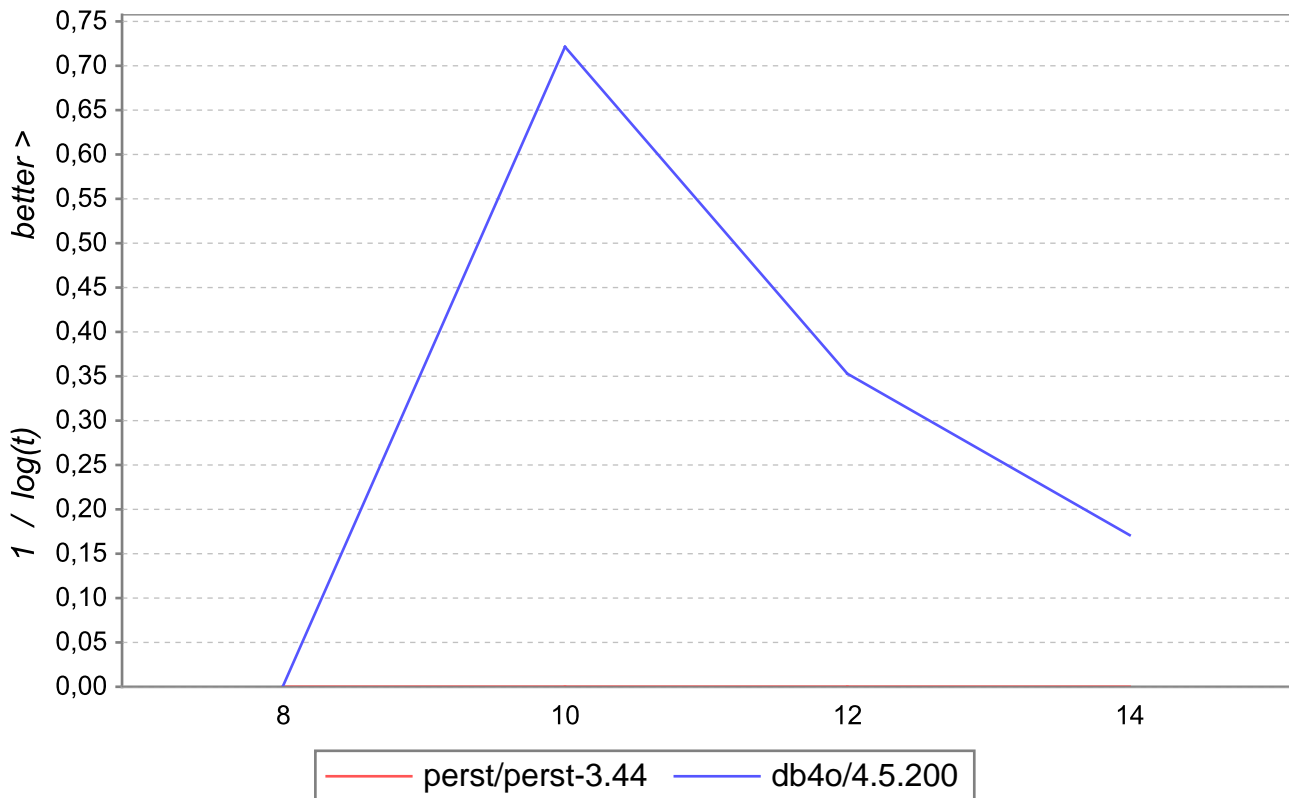


Circuit: Sepang

writes, reads and then deletes an object tree

Lap: read_hot

t [time in ms]	depth:8	depth:10	depth:12	depth:14
perst/perst-3.44	0	0	0	0
db4o/4.5.200	1	4	17	347

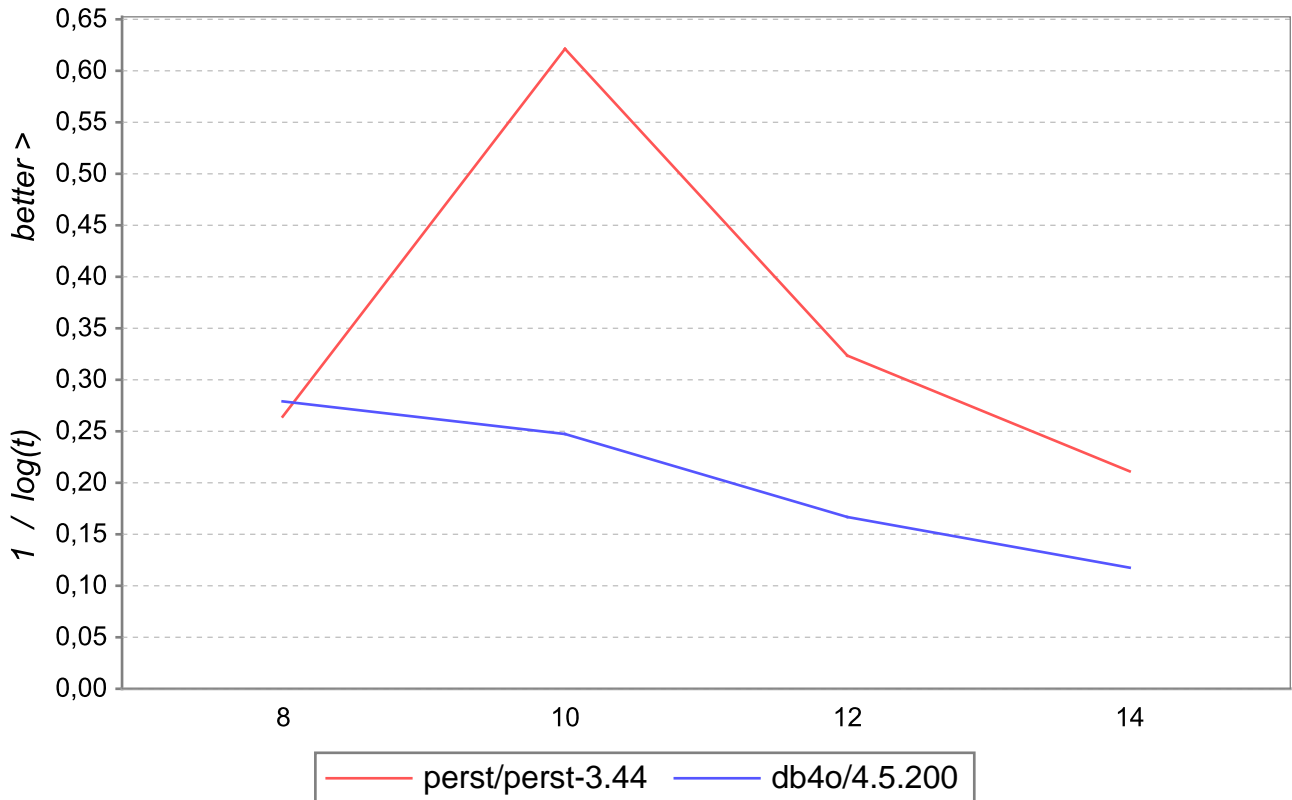


Circuit: Sepang

writes, reads and then deletes an object tree

Lap: delete

t [time in ms]	depth:8	depth:10	depth:12	depth:14
perst/perst-3.44	44	5	22	114
db4o/4.5.200	36	57	402	4940

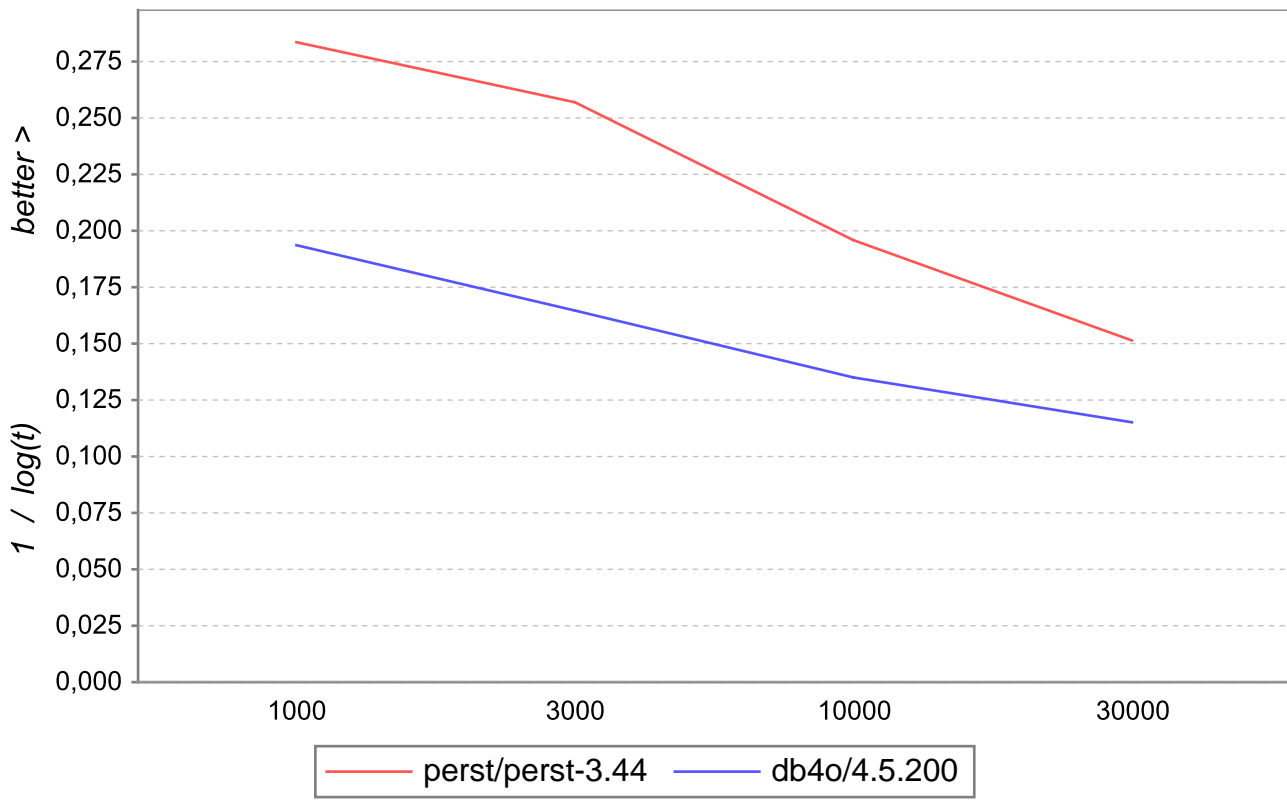


Circuit: Bahrain

write, query, update and delete simple flat objects individually

Lap: write

t [time in ms]	selects:900 objects:1000 updates:100	selects:900 objects:3000 updates:100	selects:900 objects:10000 updates:100	selects:900 objects:30000 updates:100
perst/perst-3.44	34	49	165	738
db4o/4.5.200	175	434	1647	5913

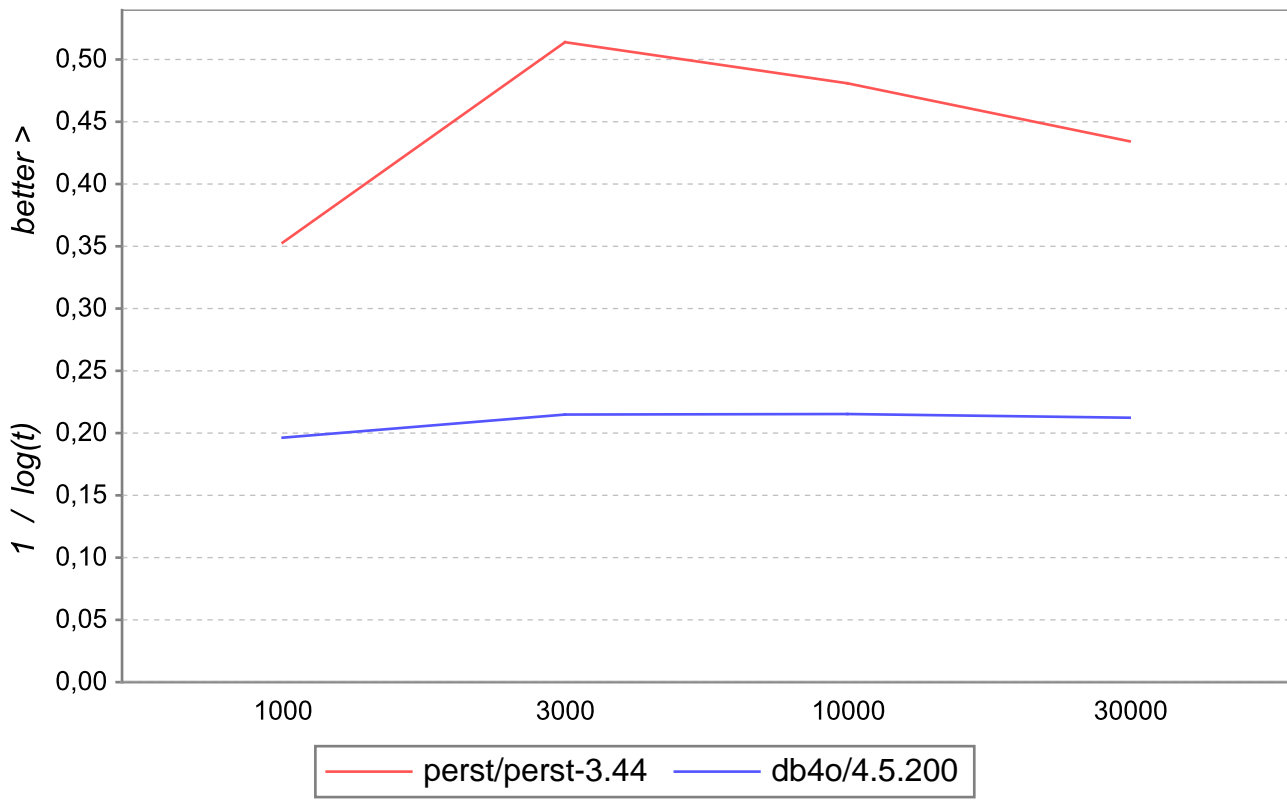


Circuit: Bahrain

write, query, update and delete simple flat objects individually

Lap: query_indexed_string

t [time in ms]	selects:900 objects:1000 updates:100	selects:900 objects:3000 updates:100	selects:900 objects:10000 updates:100	selects:900 objects:30000 updates:100
perst/perst-3.44	17	7	8	10
db4o/4.5.200	163	105	104	111

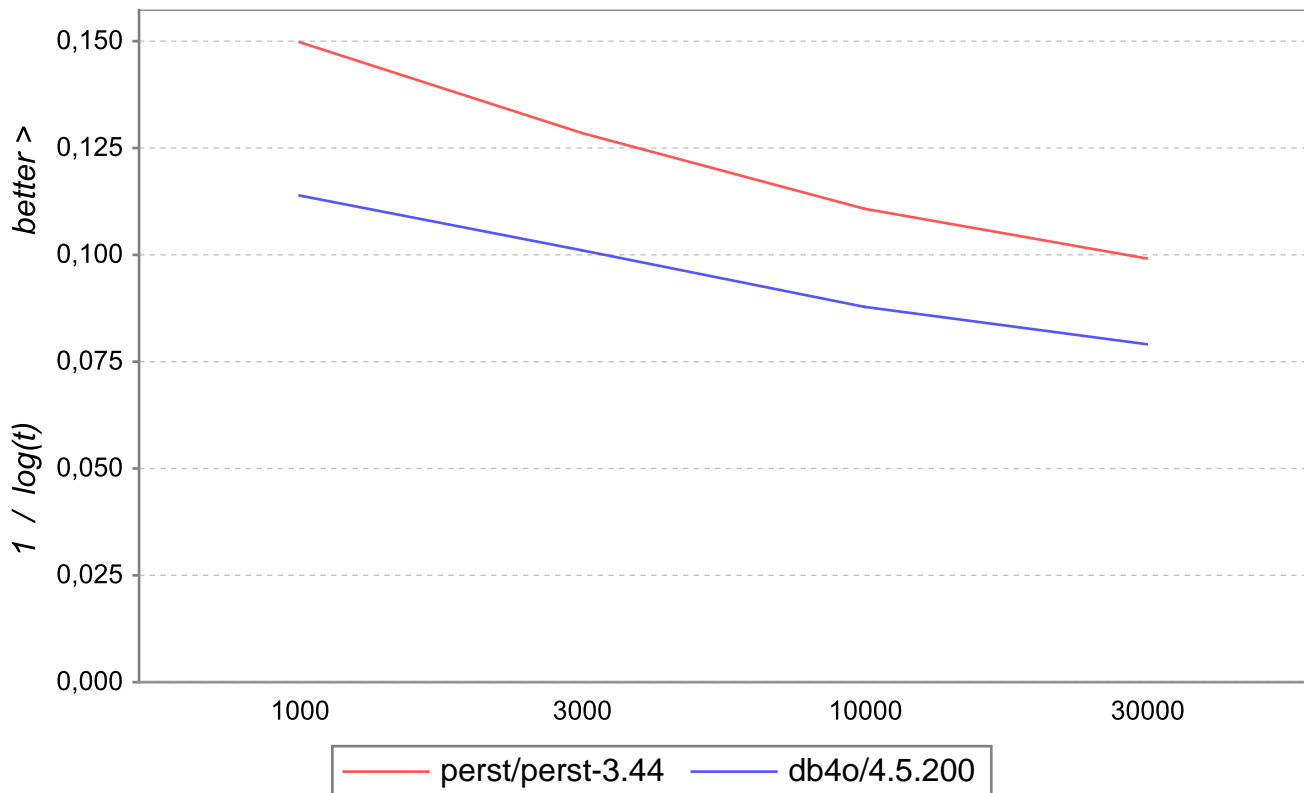


Circuit: Bahrain

write, query, update and delete simple flat objects individually

Lap: query_string

t [time in ms]	selects:900 objects:1000 updates:100	selects:900 objects:3000 updates:100	selects:900 objects:10000 updates:100	selects:900 objects:30000 updates:100
perst/perst-3.44	794	2396	8311	23973
db4o/4.5.200	6511	19833	88028	310143

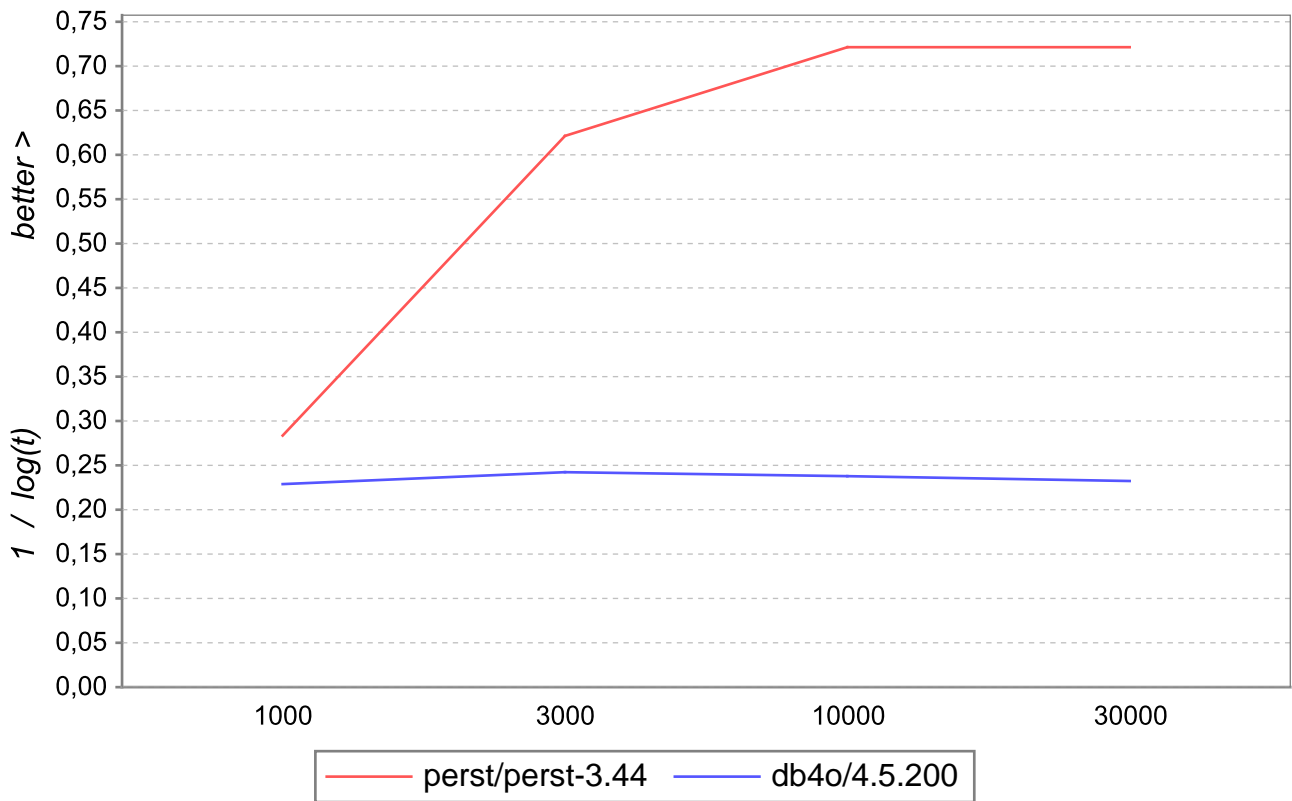


Circuit: Bahrain

write, query, update and delete simple flat objects individually

Lap: query_indexed_int

t [time in ms]	selects:900 objects:1000 updates:100	selects:900 objects:3000 updates:100	selects:900 objects:10000 updates:100	selects:900 objects:30000 updates:100
perst/perst-3.44	34	5	4	4
db4o/4.5.200	79	62	67	74

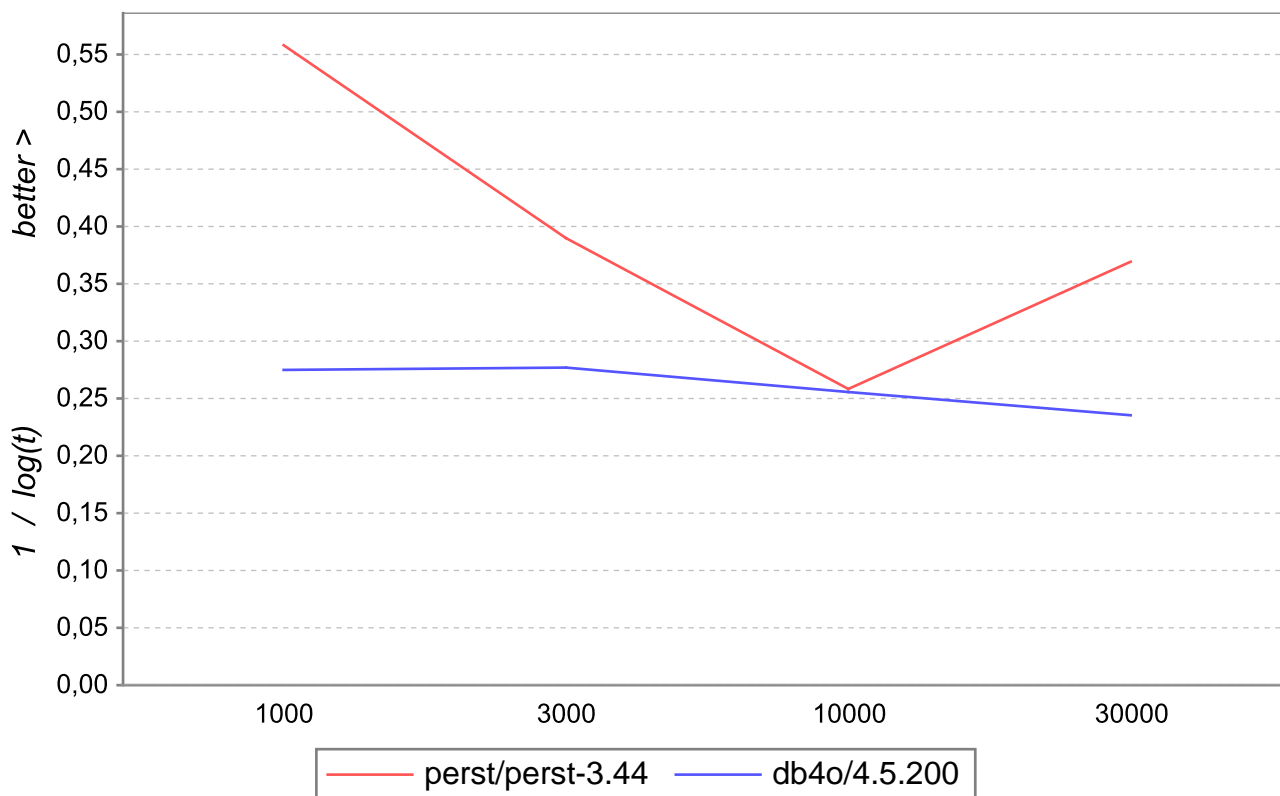


Circuit: Bahrain

write, query, update and delete simple flat objects individually

Lap: update

t [time in ms]	selects:900 objects:1000 updates:100	selects:900 objects:3000 updates:100	selects:900 objects:10000 updates:100	selects:900 objects:30000 updates:100
perst/perst-3.44	6	13	48	15
db4o/4.5.200	38	37	50	70

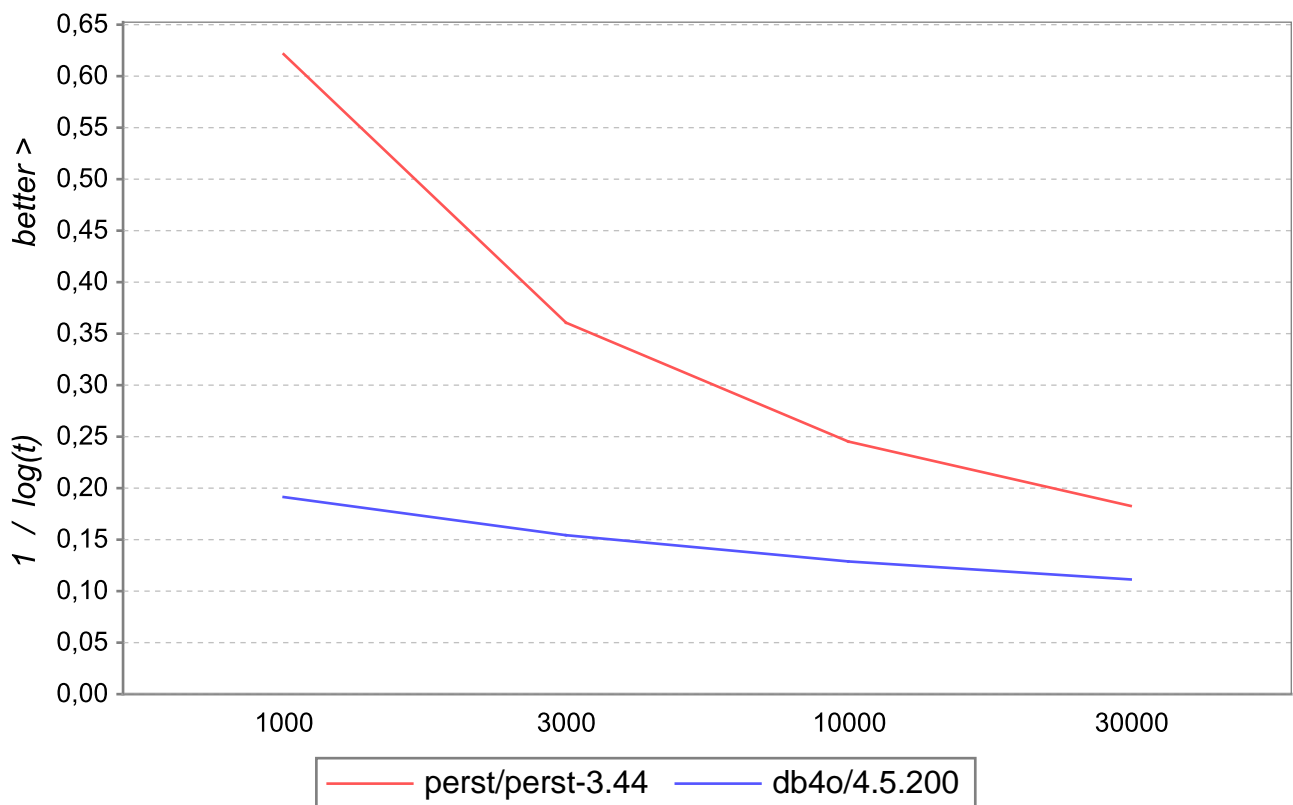


Circuit: Bahrain

write, query, update and delete simple flat objects individually

Lap: delete

t [time in ms]	selects:900 objects:1000 updates:100	selects:900 objects:3000 updates:100	selects:900 objects:10000 updates:100	selects:900 objects:30000 updates:100
perst/perst-3.44	5	16	59	238
db4o/4.5.200	186	652	2350	7940

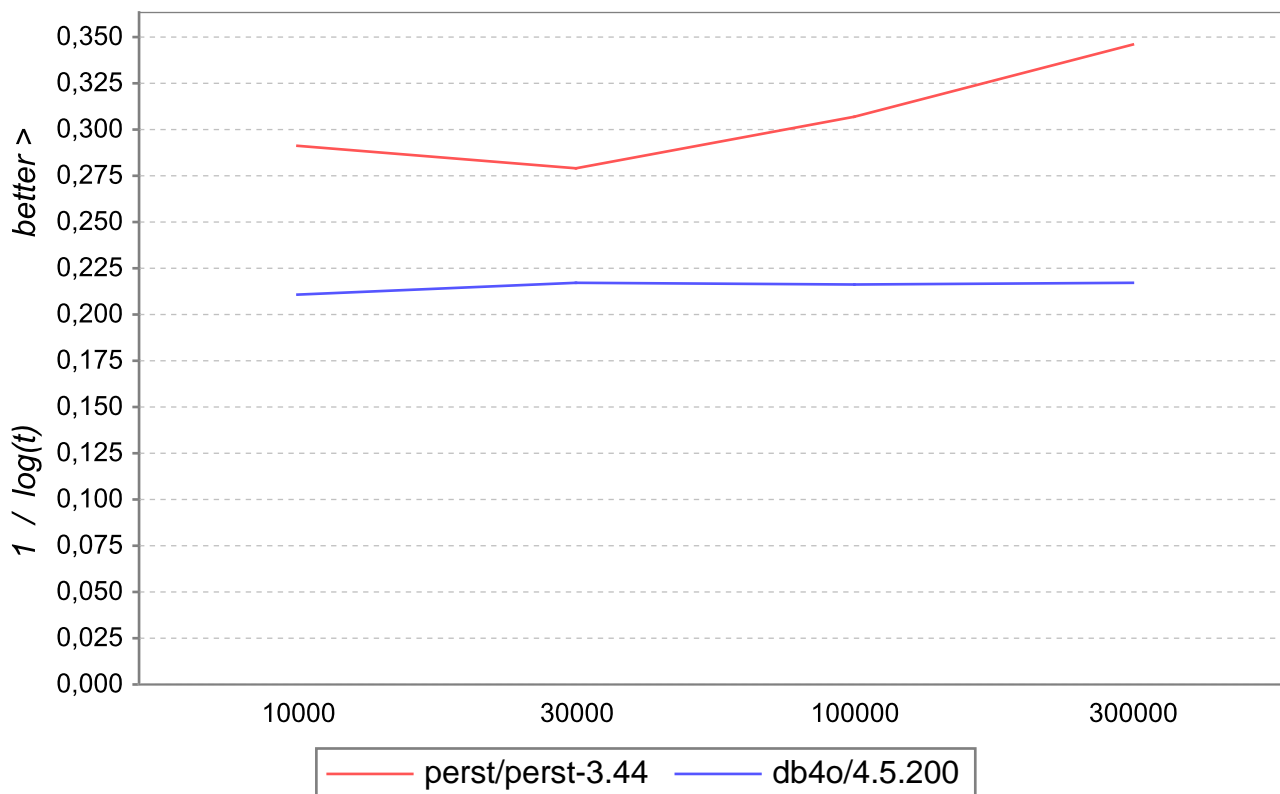


Circuit: Imola

retrieves objects by native id

Lap: retrieve

t [time in ms]	selects:5000 objects:10000	selects:5000 objects:30000	selects:5000 objects:100000	selects:5000 objects:300000
perst/perst-3.44	31	36	26	18
db4o/4.5.200	115	100	102	100

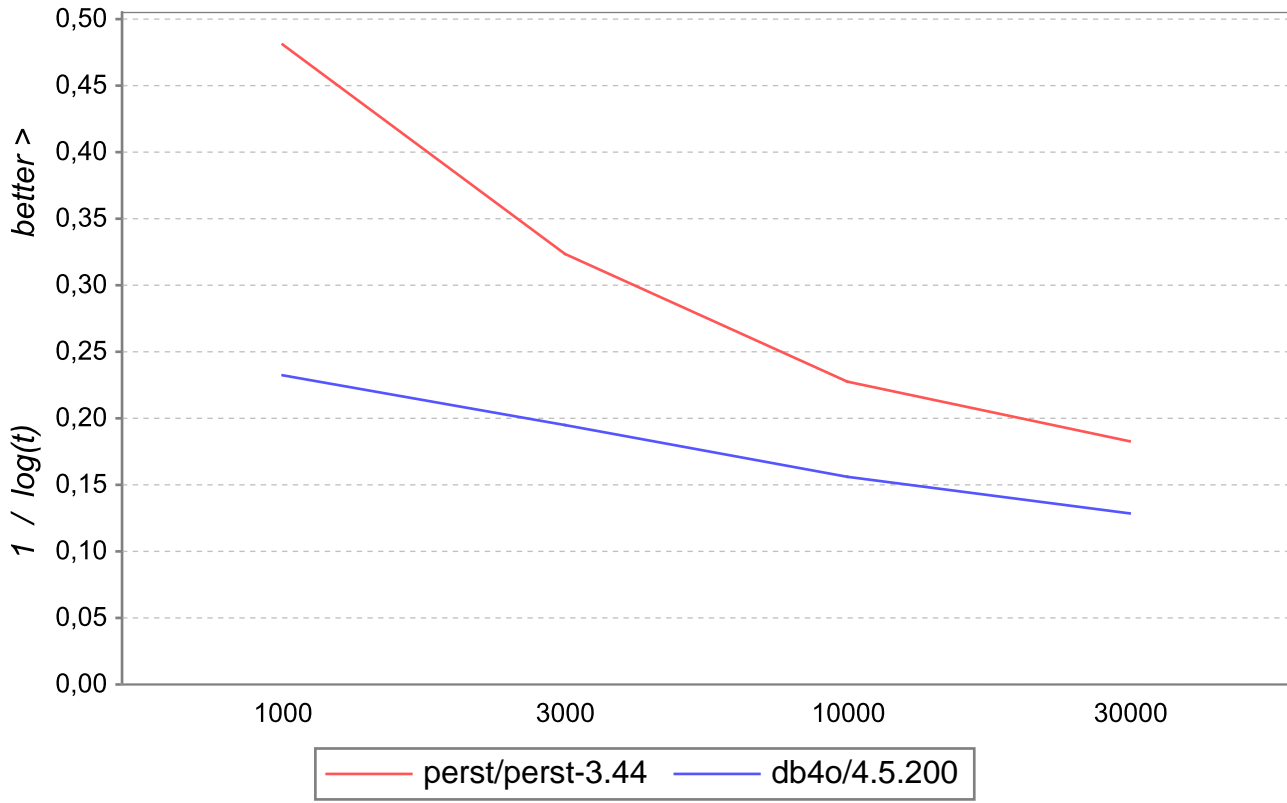


Circuit: Barcelona

writes, reads, queries and deletes objects with a 5 level inheritance structure

Lap: write

t [time in ms]	selects:100 objects:1000	selects:100 objects:3000	selects:100 objects:10000	selects:100 objects:30000
perst/perst-3.44	8	22	81	238
db4o/4.5.200	74	169	607	2388

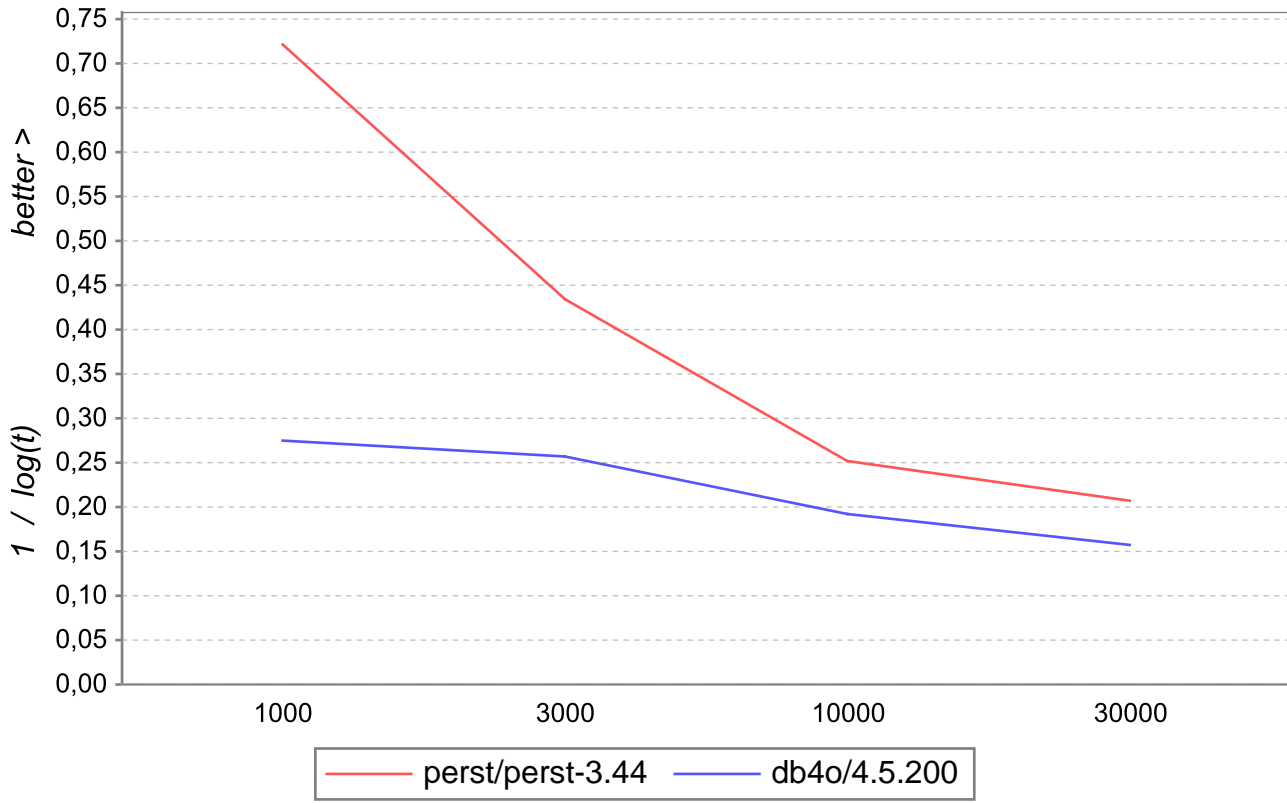


Circuit: Barcelona

writes, reads, queries and deletes objects with a 5 level inheritance structure

Lap: read

t [time in ms]	selects:100 objects:1000	selects:100 objects:3000	selects:100 objects:10000	selects:100 objects:30000
perst/perst-3.44	4	10	53	125
db4o/4.5.200	38	49	182	577

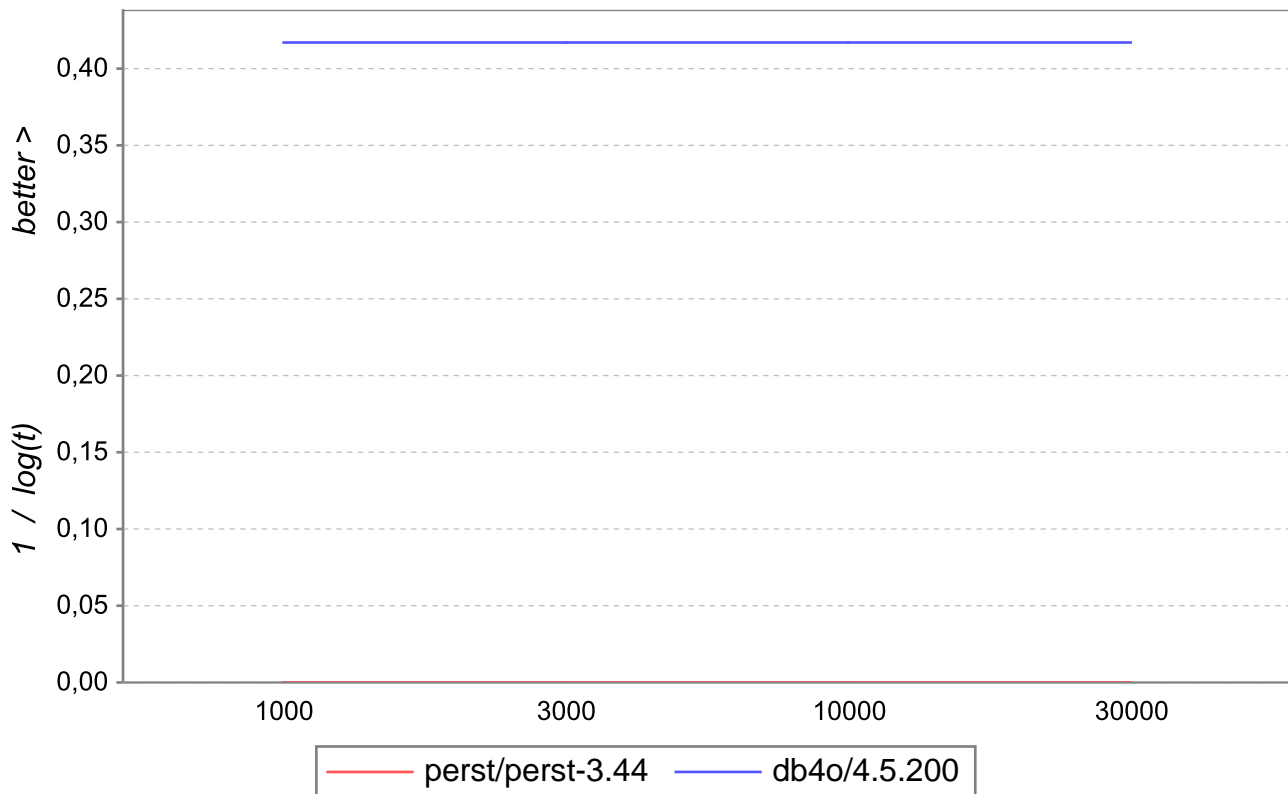


Circuit: Barcelona

writes, reads, queries and deletes objects with a 5 level inheritance structure

Lap: query

t [time in ms]	selects:100 objects:1000	selects:100 objects:3000	selects:100 objects:10000	selects:100 objects:30000
perst/perst-3.44	0	0	0	0
db4o/4.5.200	11	11	11	11



Circuit: Barcelona

writes, reads, queries and deletes objects with a 5 level inheritance structure

Lap: delete

t [time in ms]	selects:100 objects:1000	selects:100 objects:3000	selects:100 objects:10000	selects:100 objects:30000
perst/perst-3.44	6	15	46	189
db4o/4.5.200	86	277	1006	3575

