

picotm Performance Tests

picotm-perf Utility

September 26, 2017

Contents

1	System Information	2
2	I/O Pattern <i>random</i>	3
3	I/O Pattern <i>sequential</i>	9

1 System Information

Processor	Intel(R) Core(TM) i7-6600U CPU @ 2.60GHz
Number of processors	4
Memory	16282184 KiB total / 2913996 KiB used / 9137152 KiB free
Distribution	Fedora release 26 (Twenty Six)
Kernel	Linux 4.12.13-300.fc26.x86_64 #1 SMP Thu Sep 14 16:00:38 UTC 2017

Table 1: System information

2 I/O Pattern *random*

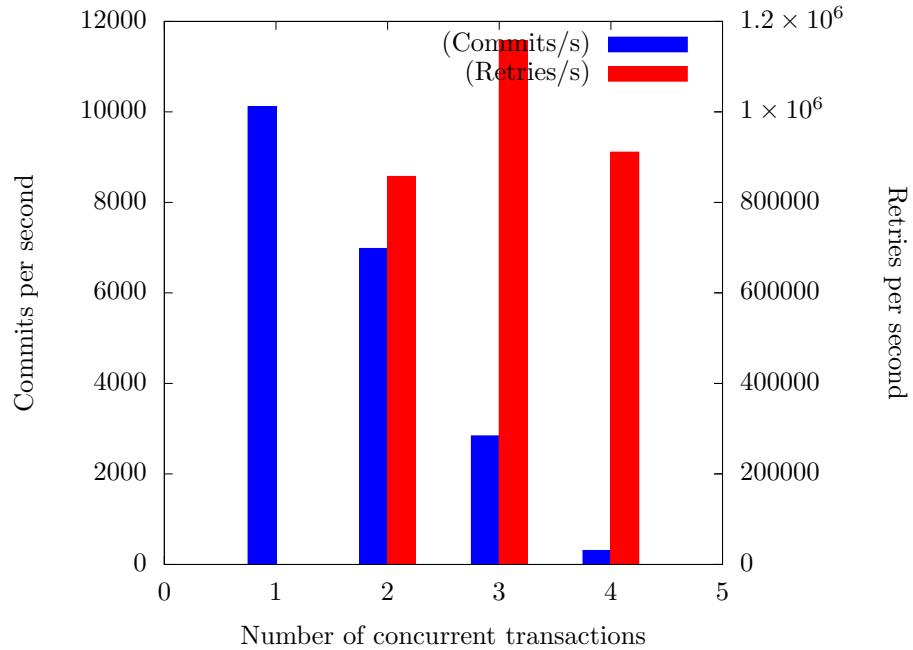


Figure 1: I/O pattern *random*, 0 loads, 100 stores

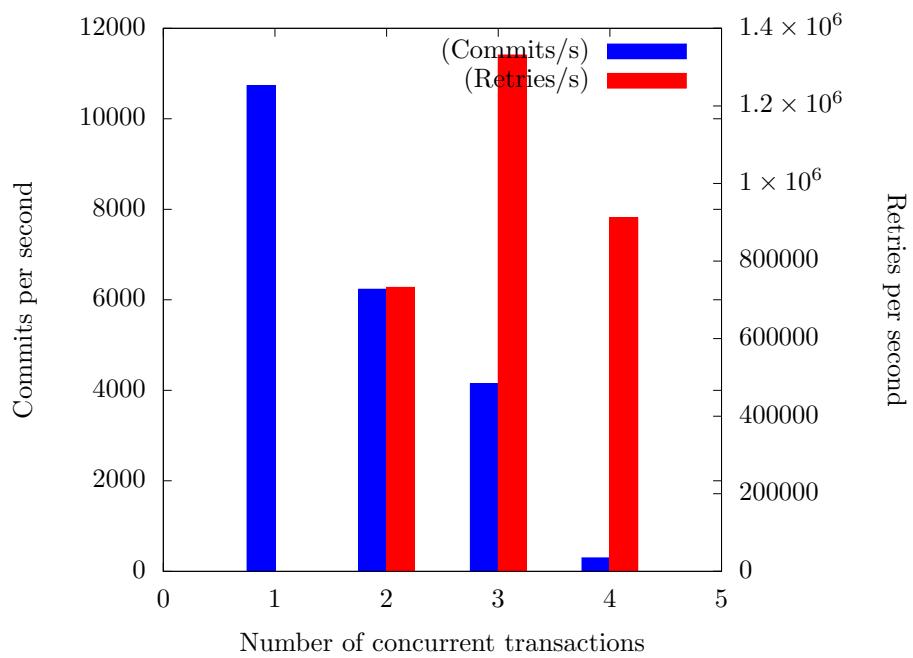


Figure 2: I/O pattern *random*, 10 loads, 90 stores

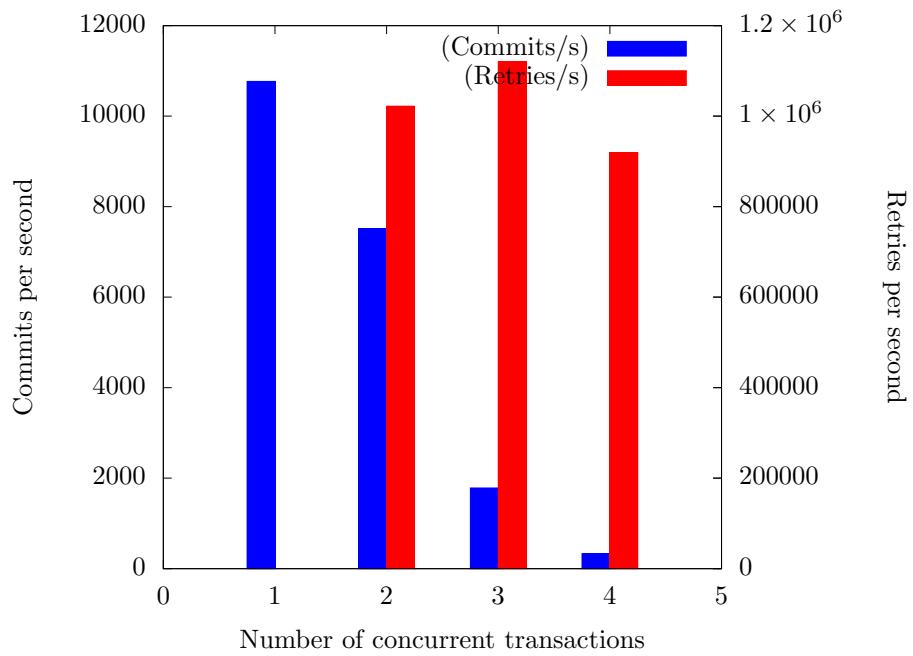


Figure 3: I/O pattern *random*, 20 loads, 80 stores

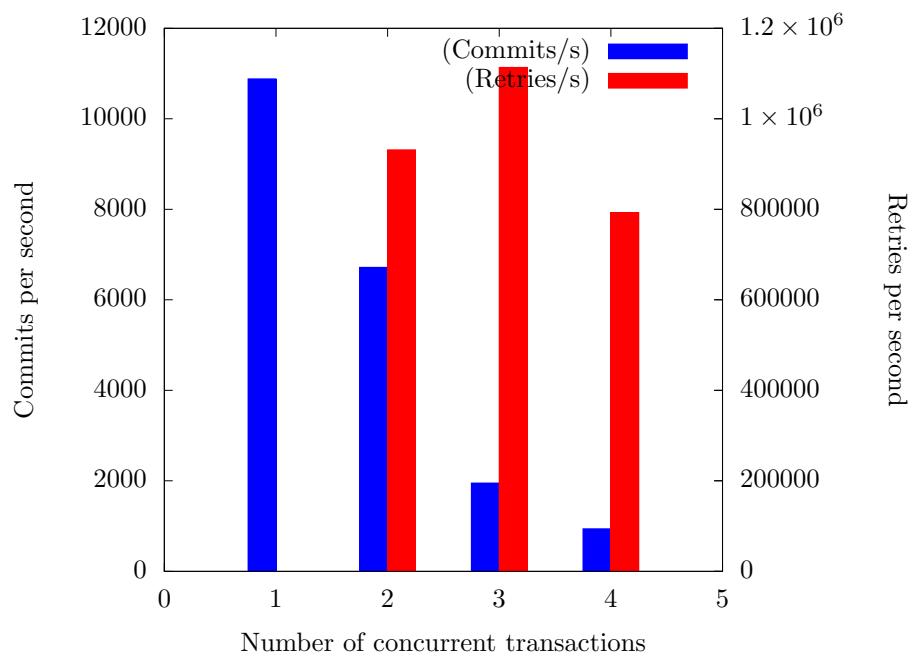


Figure 4: I/O pattern *random*, 30 loads, 70 stores

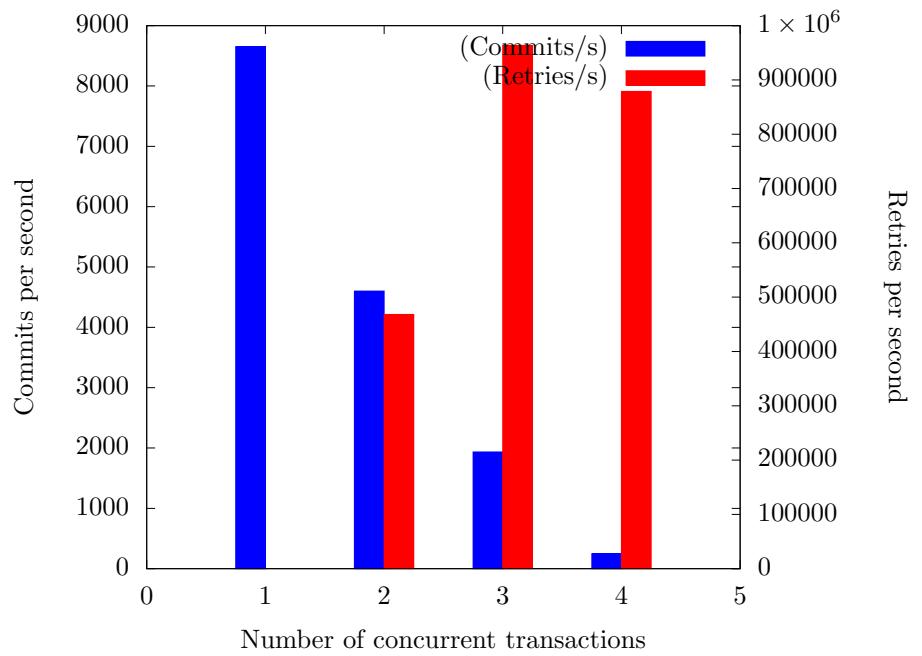


Figure 5: I/O pattern *random*, 40 loads, 60 stores

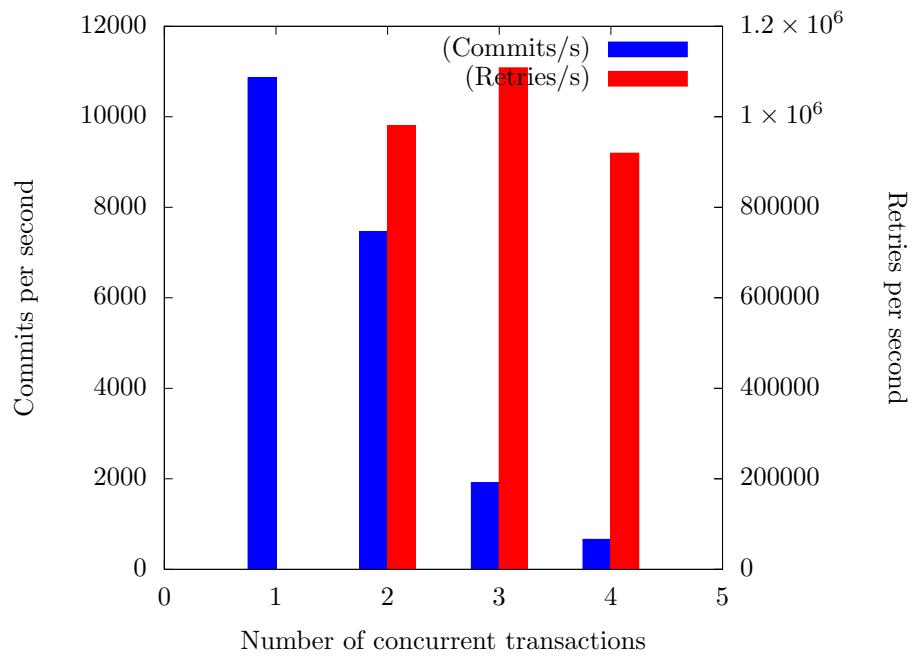


Figure 6: I/O pattern *random*, 50 loads, 50 stores

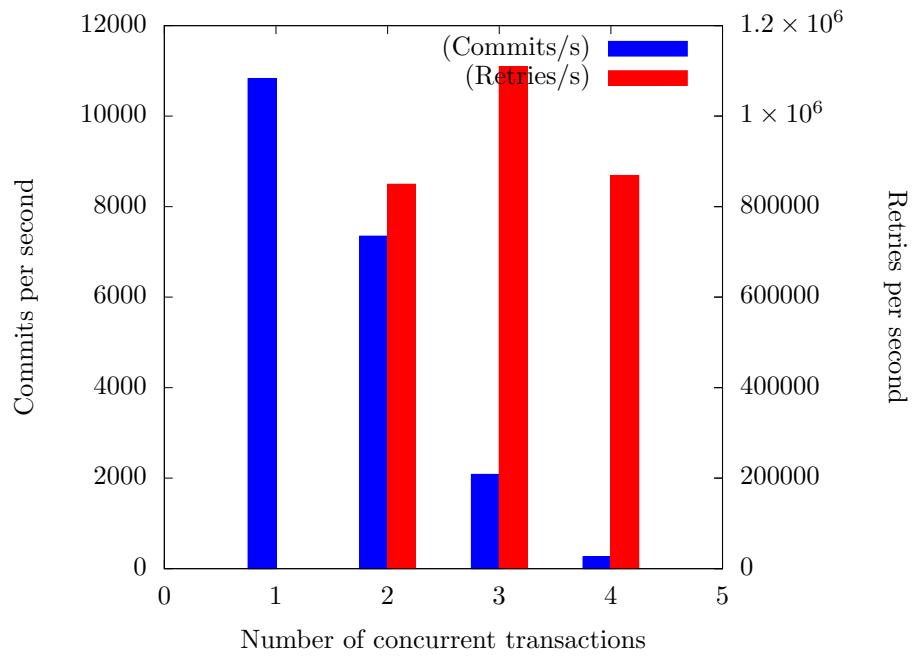


Figure 7: I/O pattern *random*, 60 loads, 40 stores

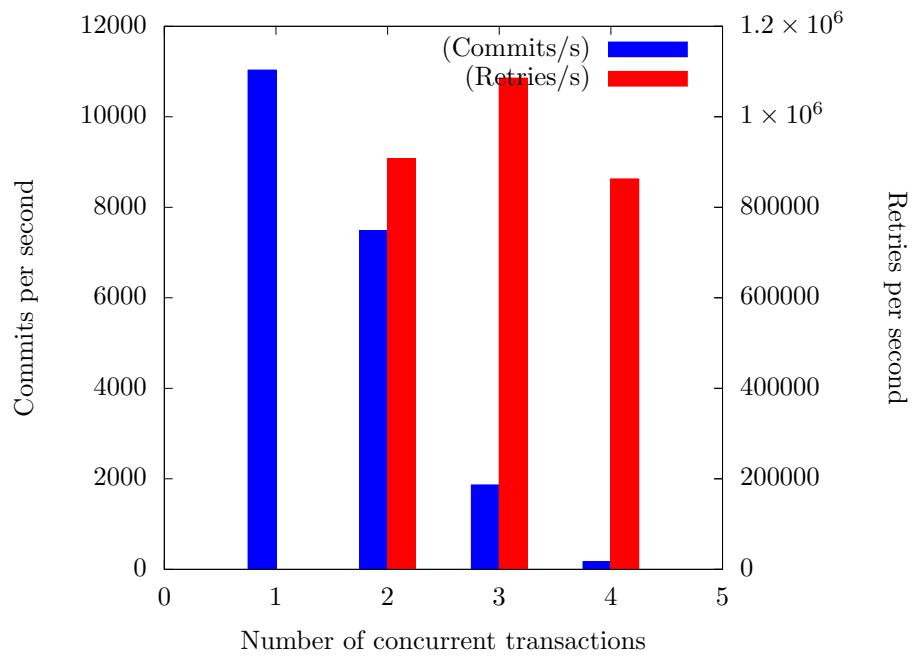


Figure 8: I/O pattern *random*, 70 loads, 30 stores

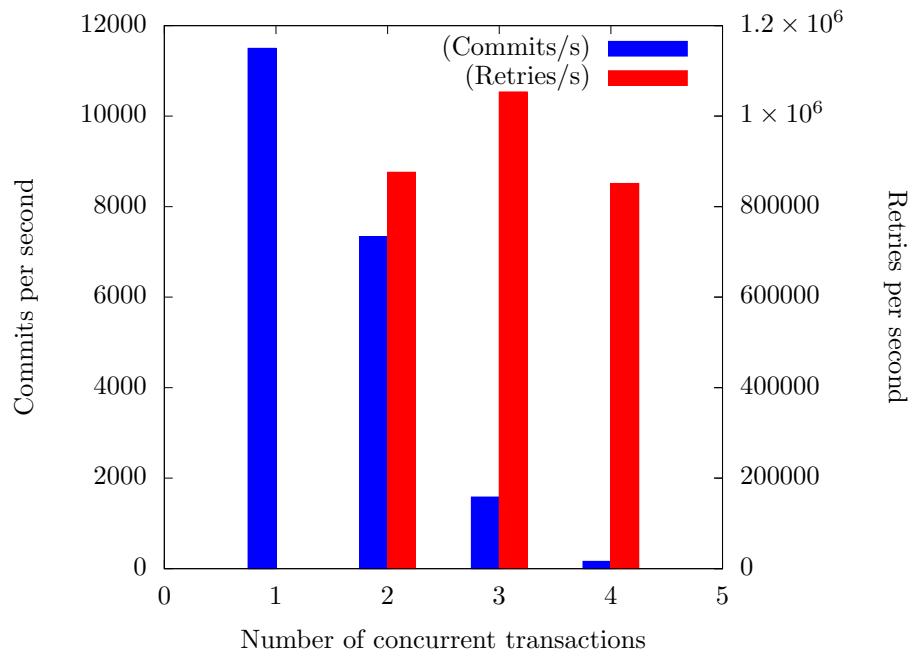


Figure 9: I/O pattern *random*, 80 loads, 20 stores

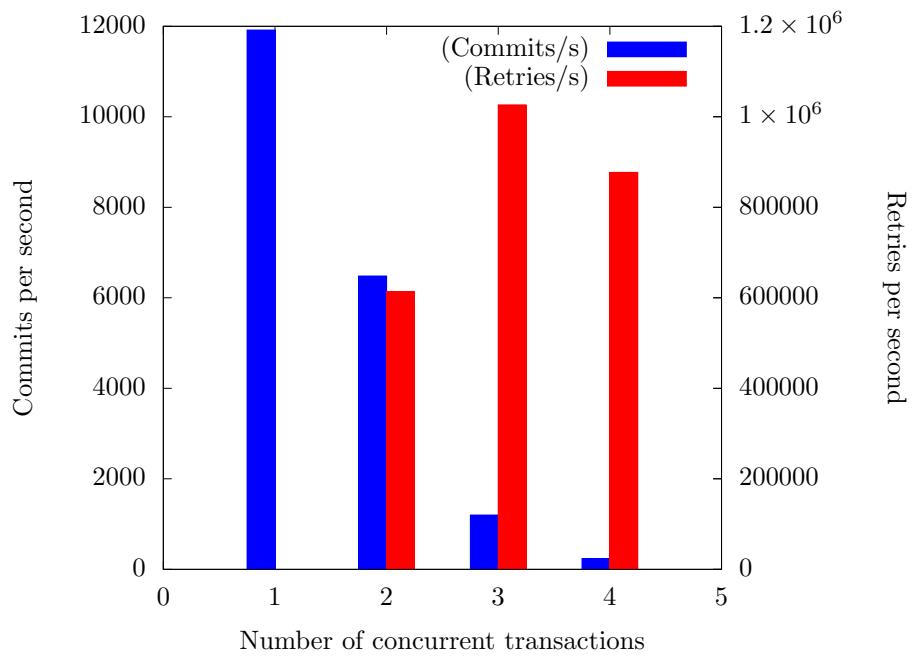


Figure 10: I/O pattern *random*, 90 loads, 10 stores

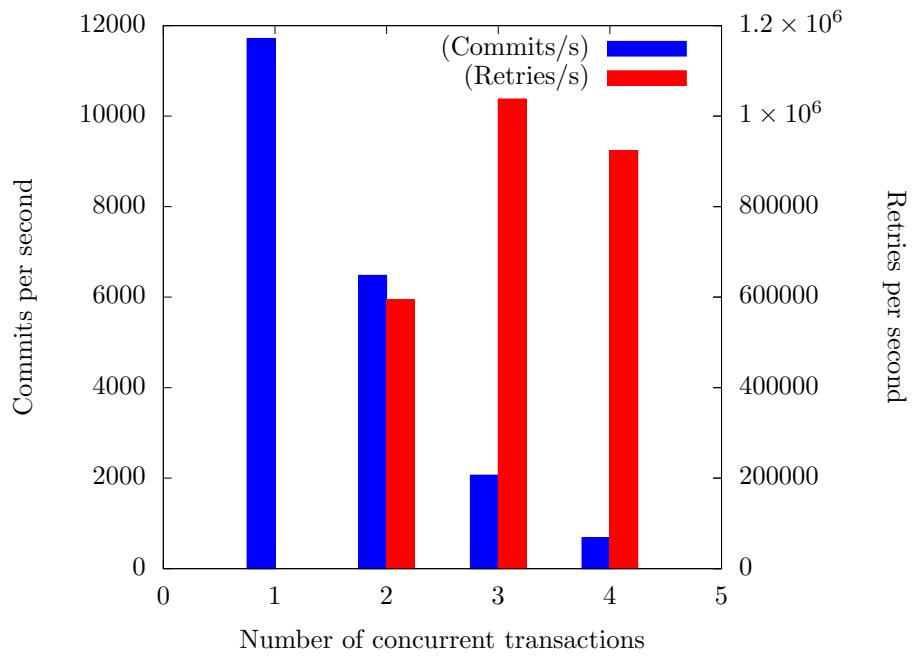


Figure 11: I/O pattern *random*, 100 loads, 0 stores

3 I/O Pattern *sequential*

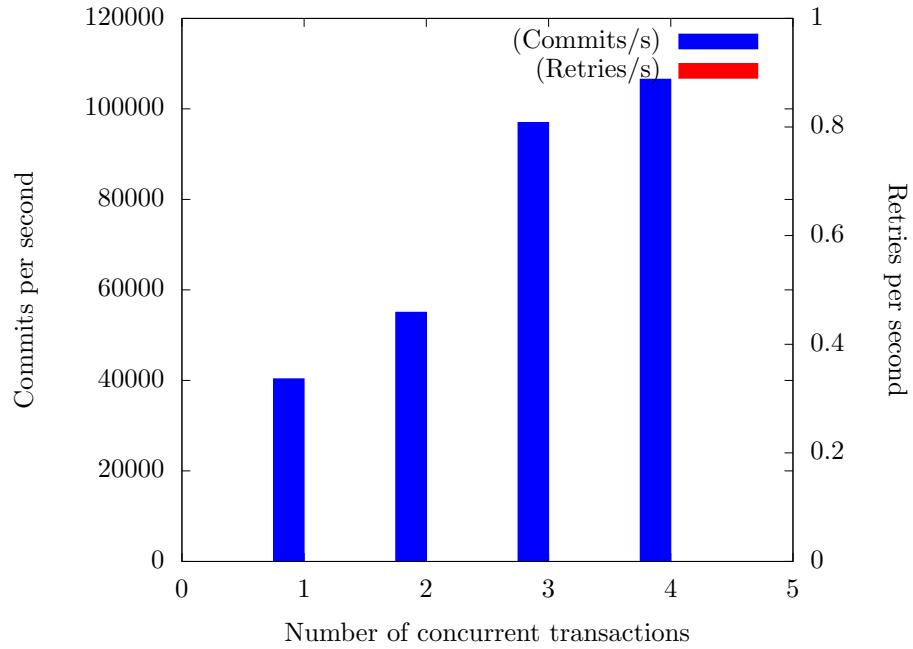


Figure 12: I/O pattern *sequential*, 0 loads, 100 stores

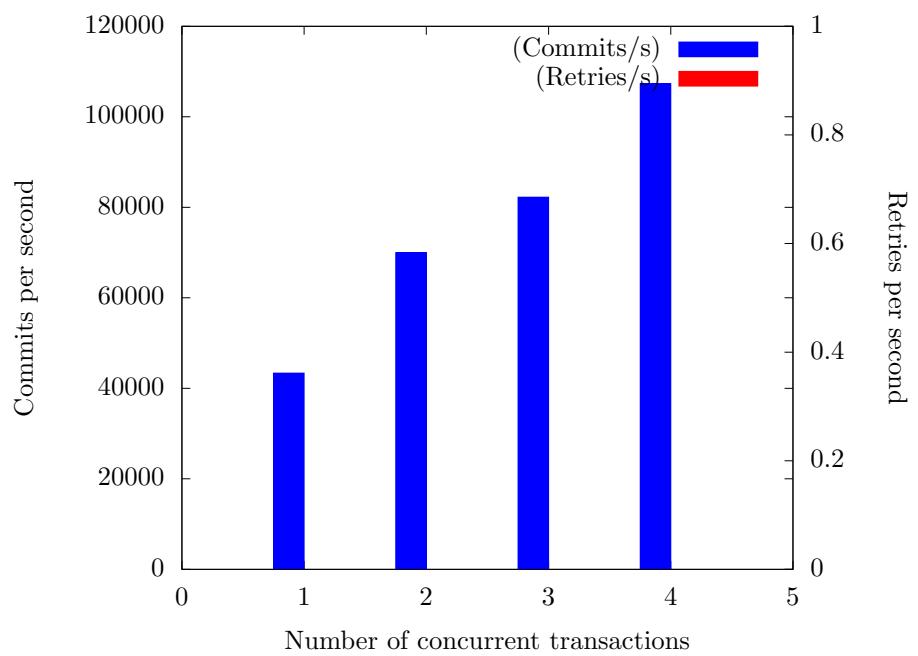


Figure 13: I/O pattern *sequential*, 10 loads, 90 stores

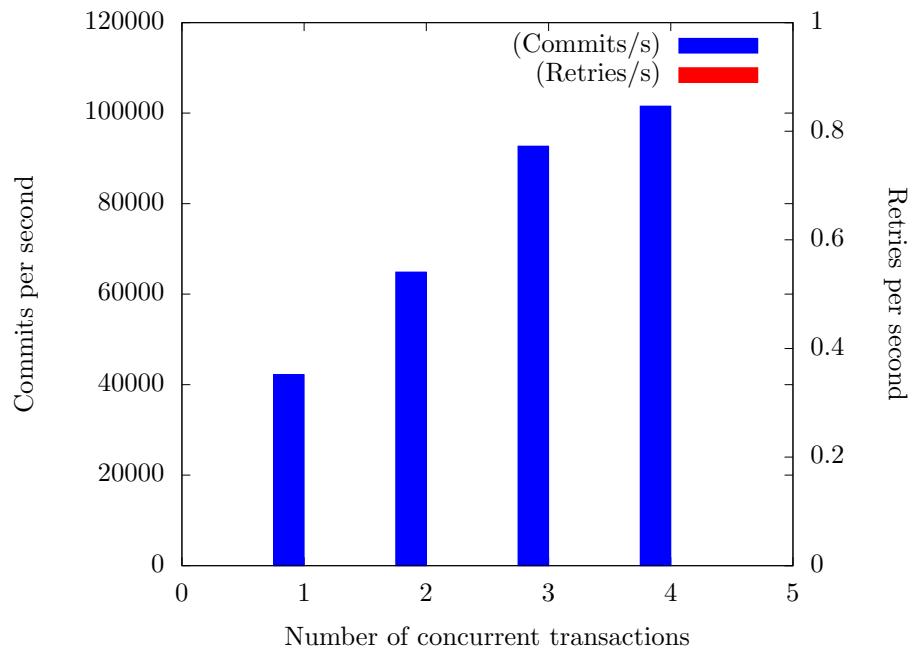


Figure 14: I/O pattern *sequential*, 20 loads, 80 stores

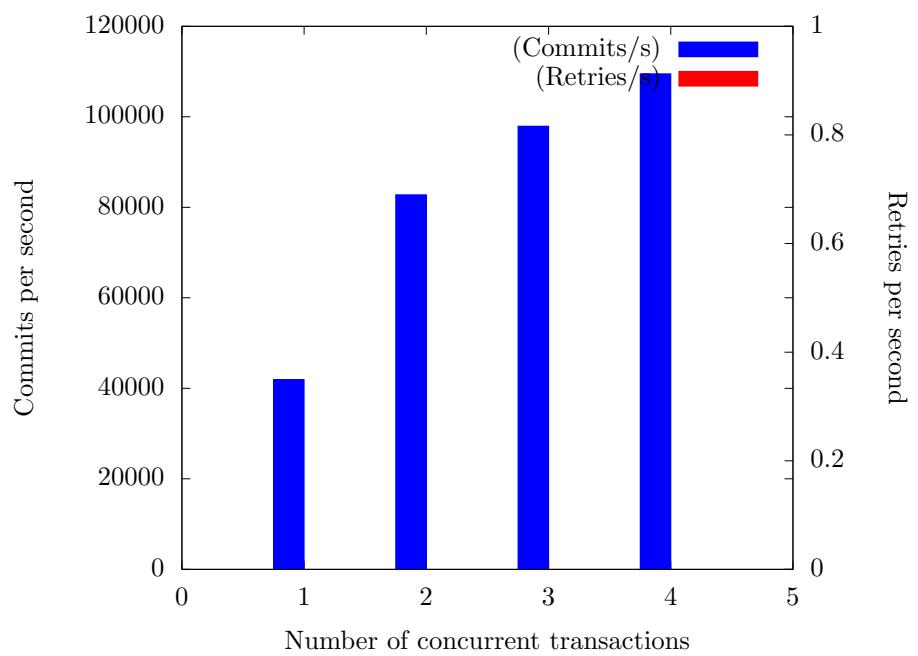


Figure 15: I/O pattern *sequential*, 30 loads, 70 stores

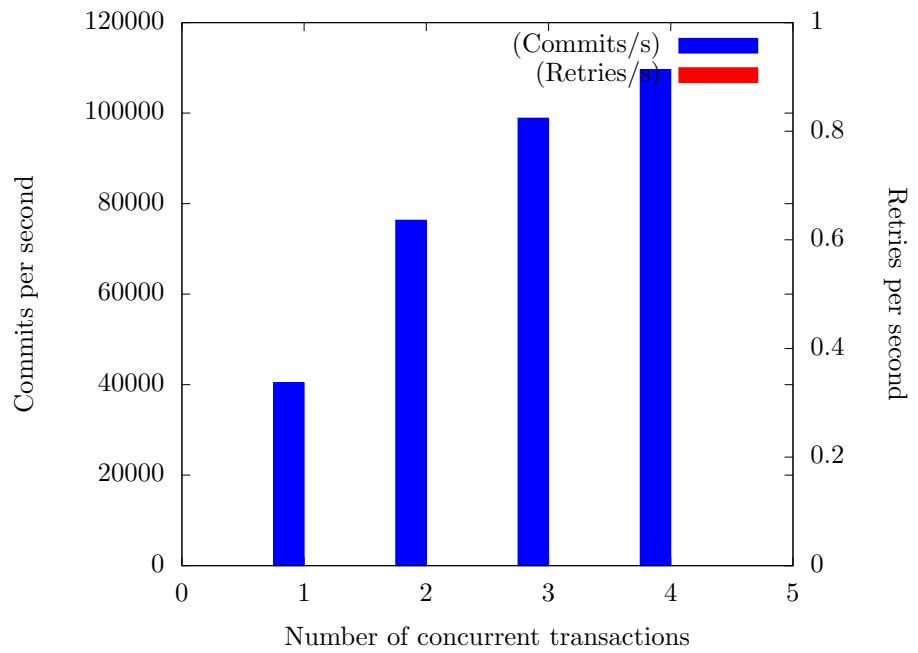


Figure 16: I/O pattern *sequential*, 40 loads, 60 stores

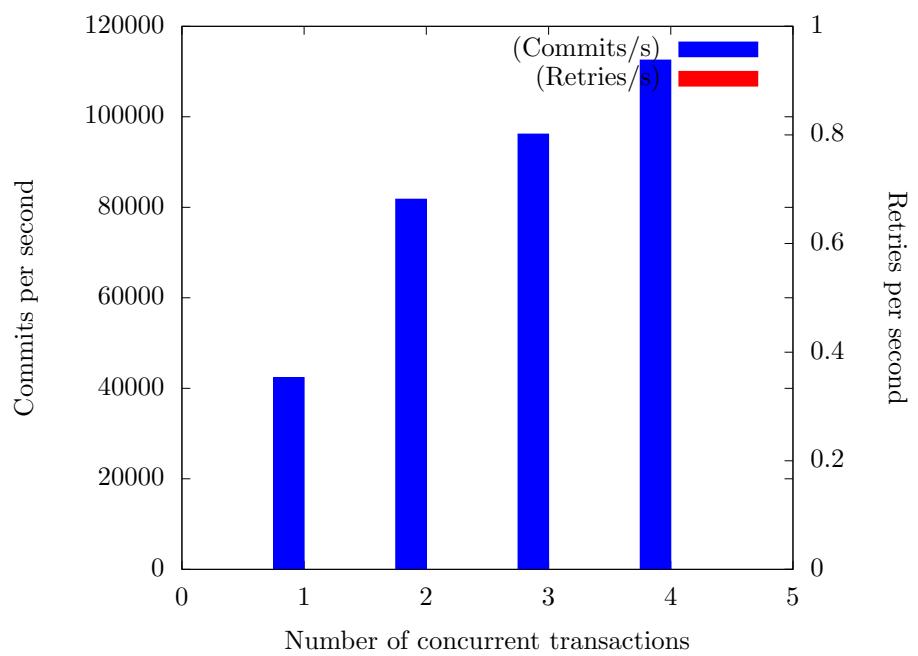


Figure 17: I/O pattern *sequential*, 50 loads, 50 stores

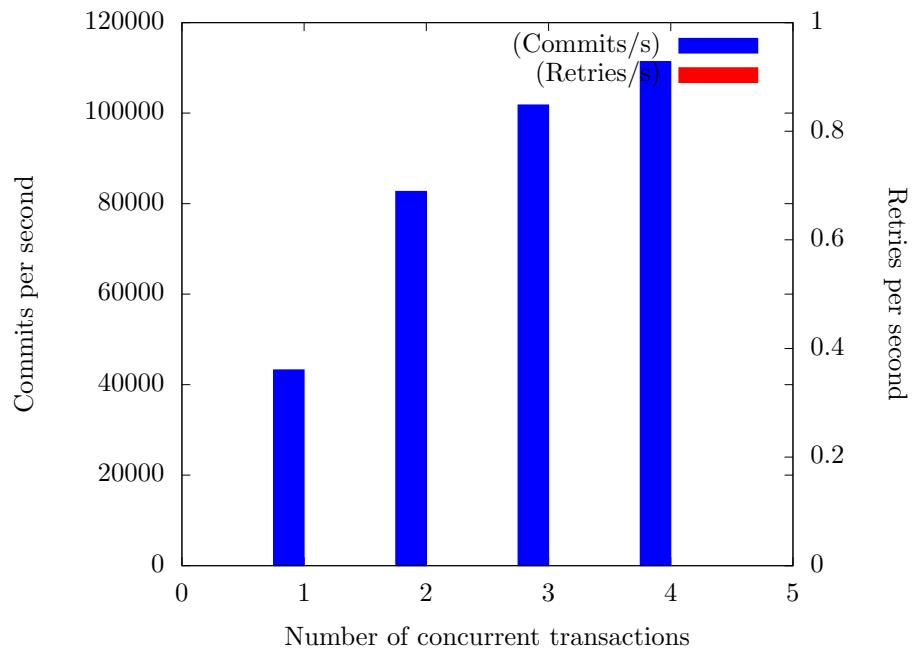


Figure 18: I/O pattern *sequential*, 60 loads, 40 stores

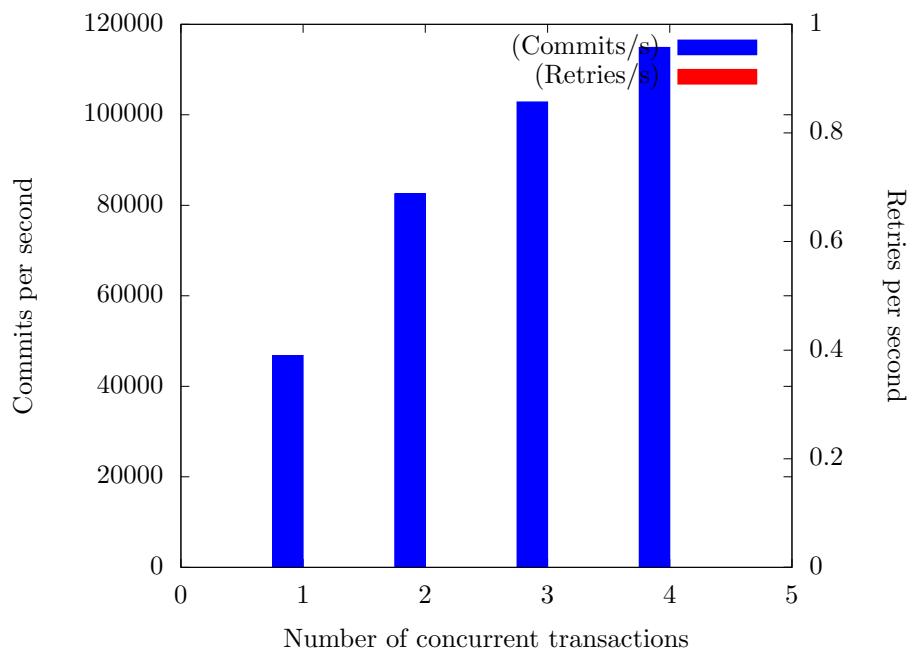


Figure 19: I/O pattern *sequential*, 70 loads, 30 stores

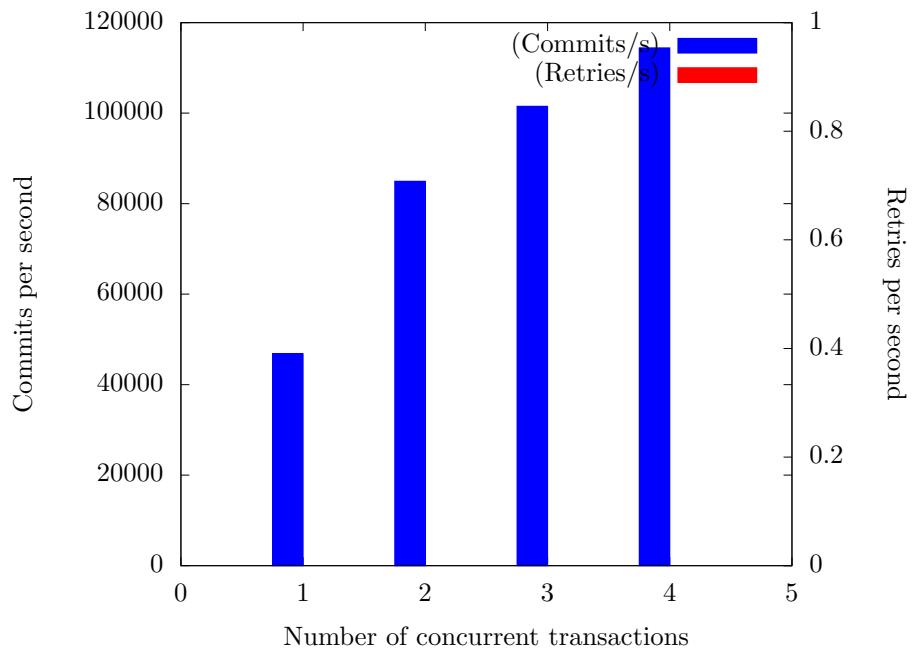


Figure 20: I/O pattern *sequential*, 80 loads, 20 stores

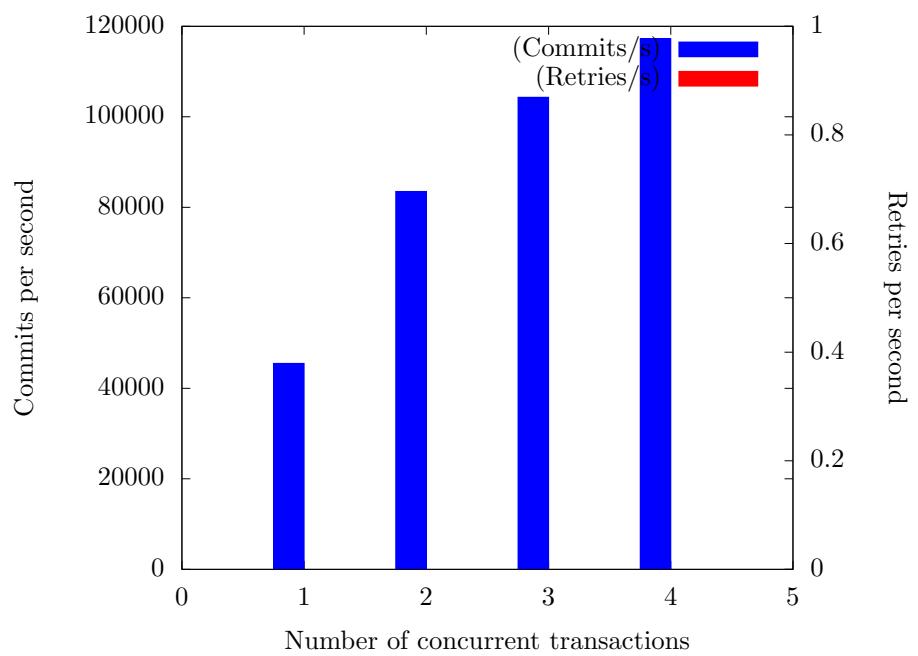


Figure 21: I/O pattern *sequential*, 90 loads, 10 stores

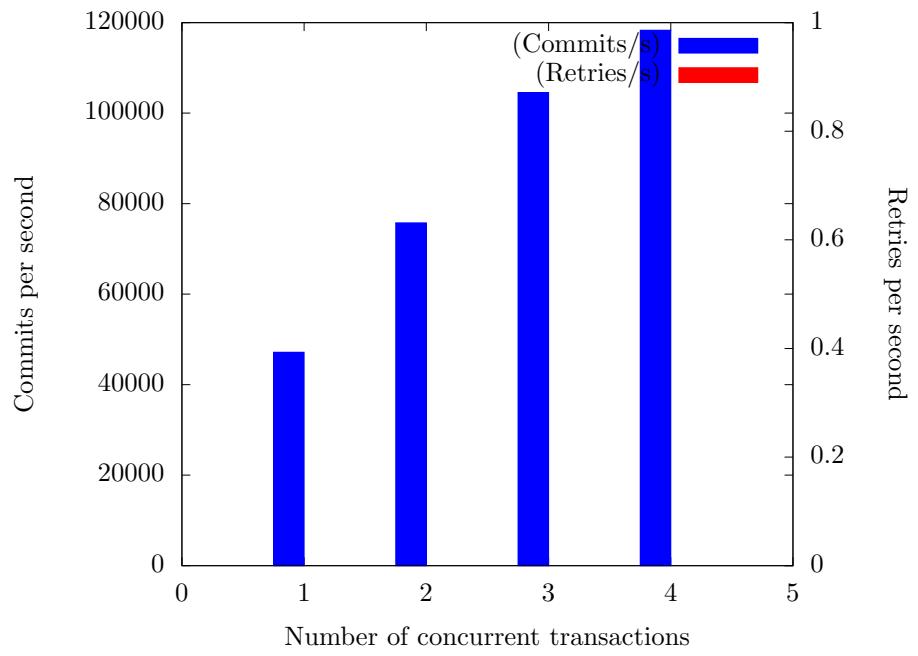


Figure 22: I/O pattern *sequential*, 100 loads, 0 stores

List of Figures

1	I/O pattern <i>random</i> , 0 loads, 100 stores	3
2	I/O pattern <i>random</i> , 10 loads, 90 stores	4
3	I/O pattern <i>random</i> , 20 loads, 80 stores	4
4	I/O pattern <i>random</i> , 30 loads, 70 stores	5
5	I/O pattern <i>random</i> , 40 loads, 60 stores	5
6	I/O pattern <i>random</i> , 50 loads, 50 stores	6
7	I/O pattern <i>random</i> , 60 loads, 40 stores	6
8	I/O pattern <i>random</i> , 70 loads, 30 stores	7
9	I/O pattern <i>random</i> , 80 loads, 20 stores	7
10	I/O pattern <i>random</i> , 90 loads, 10 stores	8
11	I/O pattern <i>random</i> , 100 loads, 0 stores	8
12	I/O pattern <i>sequential</i> , 0 loads, 100 stores	9
13	I/O pattern <i>sequential</i> , 10 loads, 90 stores	10
14	I/O pattern <i>sequential</i> , 20 loads, 80 stores	10
15	I/O pattern <i>sequential</i> , 30 loads, 70 stores	11
16	I/O pattern <i>sequential</i> , 40 loads, 60 stores	11
17	I/O pattern <i>sequential</i> , 50 loads, 50 stores	12
18	I/O pattern <i>sequential</i> , 60 loads, 40 stores	12
19	I/O pattern <i>sequential</i> , 70 loads, 30 stores	13
20	I/O pattern <i>sequential</i> , 80 loads, 20 stores	13
21	I/O pattern <i>sequential</i> , 90 loads, 10 stores	14
22	I/O pattern <i>sequential</i> , 100 loads, 0 stores	14

List of Tables

1	System information	2
---	------------------------------	---