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All Benchmark Tests - Sysbench 0.4.12 - mx02
Computer Info Complete
Python Module Listing Complete
CPU Test: 1 / 10 complete.
CPU Test: 2 / 10 complete.
CPU Test: 3 / 10 complete.
CPU Test: 4 / 10 complete.
CPU Test: 5 / 10 complete.
CPU Test: 6 / 10 complete.
CPU Test: 7 / 10 complete.
CPU Test: 8 / 10 complete.
CPU Test: 9 / 10 complete.
CPU Test: 10 / 10 complete.
Memory Test: 1 / 10 complete.
Memory Test: 2 / 10 complete.
Memory Test: 3 / 10 complete.
Memory Test: 4 / 10 complete.
Memory Test: 5 / 10 complete.
Memory Test: 6 / 10 complete.
Memory Test: 7 / 10 complete.
Memory Test: 8 / 10 complete.
Memory Test: 9 / 10 complete.
Memory Test: 10 / 10 complete.
Thread Test: 1 / 10 complete.
Thread Test: 2 / 10 complete.
Thread Test: 3 / 10 complete.
Thread Test: 4 / 10 complete.
Thread Test: 5 / 10 complete.
Thread Test: 6 / 10 complete.
Thread Test: 7 / 10 complete.
Thread Test: 8 / 10 complete.
Thread Test: 9 / 10 complete.
Thread Test: 10 / 10 complete.
CPython default
Linux=4.4.0-112-generic-x86_64-with-Ubuntu-16.04-xenial
x86_64 x86_64 x 48 cores
FQDN: a0b49bef82eb ( a0b49bef82eb )
LAN IPv4: 10.11.12.2

Package Version
-----
pip      9.0.1

Package Version
-----
pip      9.0.1

CPU Test 0 Start: 2018-02-05 03:28:39.678378
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000

Test execution summary:
total time: 0.8476s
total number of events: 10000
total time taken by event execution: 39.3204
per-request statistics:
min: 2.99ms
avg: 3.93ms
max: 52.25ms
approx. 95 percentile: 4.48ms

Threads fairness:
events (avg/stddev): 208.3333/13.29
execution time (avg/stddev): 0.8192/0.03

CPU Test 0 End: 2018-02-05 03:28:40.530500
CPU Test 1 Start: 2018-02-05 03:28:41.531718
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000
```

```
Memory Test 0 Start: 2018-02-05 03:28:58.069985
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (1699332.85 ops/sec)

10240.00 MB transferred (1659.50 MB/sec)

Test execution summary:
total time: 6.1705s
total number of events: 10485760
total time taken by event execution: 20.9653
per-request statistics:
min: 0.00ms
avg: 0.00ms
max: 1.14ms
approx. 95 percentile: 0.00ms

Threads fairness:
events (avg/stddev): 218453.3333/919.36
execution time (avg/stddev): 0.4368/0.00

Memory Test 0 End: 2018-02-05 03:29:04.245840
Memory Test 1 Start: 2018-02-05 03:29:05.247099
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (1754029.67 ops/sec)

10240.00 MB transferred (1712.92 MB/sec)

Test execution summary:
total time: 5.9781s
total number of events: 10485760
total time taken by event execution: 27.3708
per-request statistics:
min: 0.00ms
avg: 0.00ms
max: 1.19ms
approx. 95 percentile: 0.00ms

Threads fairness:
events (avg/stddev): 218453.3333/1415.09
execution time (avg/stddev): 0.5702/0.00

Memory Test 1 End: 2018-02-05 03:29:11.230586
Memory Test 2 Start: 2018-02-05 03:29:12.231841
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.
```

Test execution summary:
total time: 0.8366s
total number of events: 10000
total time taken by event execution: 38.8137
per-request statistics:
min: 2.99ms
avg: 3.88ms
max: 40.58ms
approx. 95 percentile: 4.74ms

Threads fairness:
events (avg/stddev): 208.3333/10.50
execution time (avg/stddev): 0.8086/0.03

CPU Test 1 End: 2018-02-05 03:28:42.373754
CPU Test 2 Start: 2018-02-05 03:28:43.374938
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000

Test execution summary:
total time: 0.8570s
total number of events: 10000
total time taken by event execution: 39.0466
per-request statistics:
min: 2.99ms
avg: 3.90ms
max: 56.23ms
approx. 95 percentile: 4.73ms

Threads fairness:
events (avg/stddev): 208.3333/12.70
execution time (avg/stddev): 0.8135/0.04

CPU Test 2 End: 2018-02-05 03:28:44.237185
CPU Test 3 Start: 2018-02-05 03:28:45.238381
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000

Test execution summary:
total time: 0.8176s
total number of events: 10000
total time taken by event execution: 37.5850
per-request statistics:
min: 2.99ms
avg: 3.76ms
max: 55.74ms
approx. 95 percentile: 4.55ms

Threads fairness:
events (avg/stddev): 208.3333/9.21
execution time (avg/stddev): 0.7830/0.03

CPU Test 3 End: 2018-02-05 03:28:46.061211
CPU Test 4 Start: 2018-02-05 03:28:47.062473
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000

Test execution summary:
total time: 0.8188s
total number of events: 10000

Operations performed: 10485760 (1723651.54 ops/sec)

10240.00 MB transferred (1683.25 MB/sec)

Test execution summary:
total time: 6.0835s
total number of events: 10485760
total time taken by event execution: 23.3124
per-request statistics:
min: 0.00ms
avg: 0.00ms
max: 1.65ms
approx. 95 percentile: 0.00ms

Threads fairness:
events (avg/stddev): 218453.3333/1143.26
execution time (avg/stddev): 0.4857/0.00

Memory Test 2 End: 2018-02-05 03:29:18.318830
Memory Test 3 Start: 2018-02-05 03:29:19.320028
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (1747773.28 ops/sec)

10240.00 MB transferred (1706.81 MB/sec)

Test execution summary:
total time: 5.9995s
total number of events: 10485760
total time taken by event execution: 30.4681
per-request statistics:
min: 0.00ms
avg: 0.00ms
max: 1.09ms
approx. 95 percentile: 0.00ms

Threads fairness:
events (avg/stddev): 218453.3333/873.54
execution time (avg/stddev): 0.6348/0.00

Memory Test 3 End: 2018-02-05 03:29:25.324074
Memory Test 4 Start: 2018-02-05 03:29:26.325311
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing memory operations speed test
[425/1955]
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (1861593.59 ops/sec)

10240.00 MB transferred (1817.96 MB/sec)

Test execution summary:
total time: 5.6327s
total number of events: 10485760
total time taken by event execution: 36.0129
per-request statistics:
min: 0.00ms
avg: 0.00ms
max: 1.55ms
approx. 95 percentile: 0.00ms

Threads fairness:

```
total time taken by event execution: 37.8638
per-request statistics:
  min: 2.99ms
  avg: 3.79ms
  max: 49.50ms
  approx. 95 percentile: 4.69ms

Threads fairness:
  events (avg/stddev): 208.3333/13.03
  execution time (avg/stddev): 0.7888/0.04

CPU Test 4 End: 2018-02-05 03:28:47.887003
CPU Test 5 Start: 2018-02-05 03:28:48.888270
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000

Test execution summary:
  total time: 0.8166s
  total number of events: 10000
  total time taken by event execution: 37.6356
  per-request statistics:
    min: 2.99ms
    avg: 3.76ms
    max: 32.54ms
    approx. 95 percentile: 4.68ms

Threads fairness:
  events (avg/stddev): 208.3333/9.27
  execution time (avg/stddev): 0.7841/0.04

CPU Test 5 End: 2018-02-05 03:28:49.710466
CPU Test 6 Start: 2018-02-05 03:28:50.711677
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000

Test execution summary:
  total time: 0.8472s
  total number of events: 10000
  total time taken by event execution: 38.3739
  per-request statistics:
    min: 2.99ms
    avg: 3.84ms
    max: 52.35ms
    approx. 95 percentile: 4.64ms

[669/1955]
Threads fairness:
  events (avg/stddev): 208.3333/13.27
  execution time (avg/stddev): 0.7995/0.04

CPU Test 6 End: 2018-02-05 03:28:51.564163
CPU Test 7 Start: 2018-02-05 03:28:52.565367
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000

Test execution summary:
  total time: 0.8076s
  total number of events: 10000
  total time taken by event execution: 37.7180
  per-request statistics:

events (avg/stddev): 218453.3333/1155.87
execution time (avg/stddev): 0.7503/0.00

Memory Test 4 End: 2018-02-05 03:29:31.961492
Memory Test 5 Start: 2018-02-05 03:29:32.962762
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (1759280.79 ops/sec)

10240.00 MB transferred (1718.05 MB/sec)

Test execution summary:
  total time: 5.9603s
  total number of events: 10485760
  total time taken by event execution: 24.5896
  per-request statistics:
    min: 0.00ms
    avg: 0.00ms
    max: 1.13ms
    approx. 95 percentile: 0.00ms

Threads fairness:
[364/1955]
  events (avg/stddev): 218453.3333/1169.17
  execution time (avg/stddev): 0.5123/0.00

Memory Test 5 End: 2018-02-05 03:29:38.928299
Memory Test 6 Start: 2018-02-05 03:29:39.929538
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (1774047.95 ops/sec)

10240.00 MB transferred (1732.47 MB/sec)

Test execution summary:
  total time: 5.9106s
  total number of events: 10485760
  total time taken by event execution: 23.8990
  per-request statistics:
    min: 0.00ms
    avg: 0.00ms
    max: 0.99ms
    approx. 95 percentile: 0.00ms

Threads fairness:
  events (avg/stddev): 218453.3333/1158.55
  execution time (avg/stddev): 0.4979/0.00

Memory Test 6 End: 2018-02-05 03:29:45.845482
Memory Test 7 Start: 2018-02-05 03:29:46.846709
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 48

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
```

```
min: 2.99ms
avg: 3.77ms
max: 29.83ms
approx. 95 percentile: 4.91ms

Threads fairness:
events (avg/stddev): 208.3333/5.78
execution time (avg/stddev): 0.7858/0.02

CPU Test 7 End: 2018-02-05 03:28:53.378190
CPU Test 8 Start: 2018-02-05 03:28:54.379418
sysbench 0.4.12: multi-threaded system evaluation benchmark
```

Running the test with following options:
Number of threads: 48

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000

```
Test execution summary:
total time: 0.8535s
total number of events: 10000
total time taken by event execution: 39.6640
per-request statistics:
min: 2.99ms
avg: 3.97ms
max: 55.87ms
approx. 95 percentile: 4.81ms
```

```
Threads fairness:
events (avg/stddev): 208.3333/14.09
execution time (avg/stddev): 0.8263/0.03
```

```
CPU Test 8 End: 2018-02-05 03:28:55.238204
CPU Test 9 Start: 2018-02-05 03:28:56.239425
sysbench 0.4.12: multi-threaded system evaluation benchmark
```

Running the test with following options:
Number of threads: 48

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000

```
Test execution summary:
total time: 0.8241s
total number of events: 10000
total time taken by event execution: 37.5503
per-request statistics:
min: 2.99ms
avg: 3.76ms
max: 40.48ms
approx. 95 percentile: 4.41ms
```

```
Threads fairness:
events (avg/stddev): 208.3333/11.77
execution time (avg/stddev): 0.7823/0.04
```

CPU Test 9 End: 2018-02-05 03:28:57.068729

Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (1758360.34 ops/sec)

10240.00 MB transferred (1717.15 MB/sec)

```
Test execution summary:
total time: 5.9634s
total number of events: 10485760
total time taken by event execution: 25.6906
per-request statistics:
min: 0.00ms
avg: 0.00ms
max: 1.17ms
approx. 95 percentile: 0.00ms
```

```
Threads fairness:
events (avg/stddev): 218453.3333/903.53
execution time (avg/stddev): 0.5352/0.00
```

```
Memory Test 7 End: 2018-02-05 03:29:52.815027
Memory Test 8 Start: 2018-02-05 03:29:53.816291
sysbench 0.4.12: multi-threaded system evaluation benchmark
```

Running the test with following options:
Number of threads: 48

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (1759633.55 ops/sec)

10240.00 MB transferred (1718.39 MB/sec)

```
Test execution summary:
total time: 5.9591s
total number of events: 10485760
total time taken by event execution: 24.5423
per-request statistics:
min: 0.00ms
avg: 0.00ms
max: 1.19ms
approx. 95 percentile: 0.00ms
```

```
Threads fairness:
events (avg/stddev): 218453.3333/1148.85
execution time (avg/stddev): 0.5113/0.00
```

```
Memory Test 8 End: 2018-02-05 03:29:59.780905
Memory Test 9 Start: 2018-02-05 03:30:00.782159
sysbench 0.4.12: multi-threaded system evaluation benchmark
```

Running the test with following options:
Number of threads: 48

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M
[242/1955]

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (1775902.30 ops/sec)

10240.00 MB transferred (1734.28 MB/sec)

```
Test execution summary:
total time: 5.9045s
total number of events: 10485760
total time taken by event execution: 25.5529
per-request statistics:
min: 0.00ms
avg: 0.00ms
```

```
max: 1.10ms
approx. 95 percentile: 0.00ms

Threads fairness:
  events (avg/stddev): 218453.3333/1398.41
  execution time (avg/stddev): 0.5324/0.00

Memory Test 9 End: 2018-02-05 03:30:06.691487

Thread Test 0 Start: 2018-02-05 03:30:07.692760
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.

Test execution summary:
  total time: 4.3941s
  total number of events: 10000
  total time taken by event execution: 556.2461
  per-request statistics:
    min: 0.55ms
    avg: 55.62ms
    max: 675.13ms
    approx. 95 percentile: 310.60ms

Threads fairness:
  events (avg/stddev): 78.1250/17.52
  execution time (avg/stddev): 4.3457/0.03

Thread Test 0 End: 2018-02-05 03:30:12.091449
Thread Test 1 Start: 2018-02-05 03:30:13.092761
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.

Test execution summary:
  total time: 5.0140s
  total number of events: 10000
  total time taken by event execution: 637.2504
  per-request statistics:
    min: 0.54ms
    avg: 63.73ms
    max: 900.02ms
    approx. 95 percentile: 306.08ms

Threads fairness:
  events (avg/stddev): 78.1250/15.22
  execution time (avg/stddev): 4.9785/0.02

Thread Test 1 End: 2018-02-05 03:30:18.112071
Thread Test 2 Start: 2018-02-05 03:30:19.113356
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.

Test execution summary:
  total time: 4.3199s
  total number of events: 10000
  total time taken by event execution: 546.6826
  per-request statistics:
    min: 0.61ms
    avg: 54.67ms
    max: 791.29ms
    approx. 95 percentile: 285.97ms

Threads fairness:
  events (avg/stddev): 78.1250/16.49
  execution time (avg/stddev): 4.2710/0.04
```

Thread Test 2 End: 2018-02-05 03:30:23.438696
Thread Test 3 Start: 2018-02-05 03:30:24.439953
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.

Test execution summary:
total time: 4.4820s
total number of events: 10000
total time taken by event execution: 567.6546
per-request statistics:
min: 0.55ms
avg: 56.77ms
max: 827.43ms
approx. 95 percentile: 285.29ms

Threads fairness:
events (avg/stddev): 78.1250/16.19
execution time (avg/stddev): 4.4348/0.03

Thread Test 3 End: 2018-02-05 03:30:28.926761
Thread Test 4 Start: 2018-02-05 03:30:29.928013
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.

Test execution summary:
total time: 5.4254s
total number of events: 10000
total time taken by event execution: 688.1685
per-request statistics:
min: 0.58ms
avg: 68.82ms
max: 1136.26ms
approx. 95 percentile: 352.53ms

Threads fairness:
events (avg/stddev): 78.1250/17.14
execution time (avg/stddev): 5.3763/0.04

Thread Test 4 End: 2018-02-05 03:30:35.359090
Thread Test 5 Start: 2018-02-05 03:30:36.360368
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.

Test execution summary:
total time: 3.7016s
total number of events: 10000
total time taken by event execution: 468.3693
per-request statistics:
min: 0.55ms
avg: 46.84ms
max: 917.44ms
approx. 95 percentile: 257.14ms

Threads fairness:
events (avg/stddev): 78.1250/18.09
execution time (avg/stddev): 3.6591/0.03

Thread Test 5 End: 2018-02-05 03:30:40.066216
Thread Test 6 Start: 2018-02-05 03:30:41.067450
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test

Thread yields per test: 1000 Locks used: 8
Threads started!
Done.

Test execution summary:
total time: 4.5595s
total number of events: 10000
total time taken by event execution: 573.6735
per-request statistics:
min: 0.55ms
avg: 57.37ms
max: 766.83ms
approx. 95 percentile: 290.29ms

Threads fairness:
events (avg/stddev): 78.1250/13.68
execution time (avg/stddev): 4.4818/0.06

Thread Test 6 End: 2018-02-05 03:30:45.632897
Thread Test 7 Start: 2018-02-05 03:30:46.634288
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.

Test execution summary:
total time: 4.2927s
total number of events: 10000
total time taken by event execution: 544.0093
per-request statistics:
min: 0.58ms
avg: 54.40ms
max: 1052.36ms
approx. 95 percentile: 301.44ms

Threads fairness:
events (avg/stddev): 78.1250/20.80
execution time (avg/stddev): 4.2501/0.03

Thread Test 7 End: 2018-02-05 03:30:50.932431
Thread Test 8 Start: 2018-02-05 03:30:51.933704
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.

Test execution summary:
total time: 4.5487s
total number of events: 10000
total time taken by event execution: 576.3069
per-request statistics:
min: 0.61ms
avg: 57.63ms
max: 706.68ms
approx. 95 percentile: 299.20ms

Threads fairness:
events (avg/stddev): 78.1250/17.18
execution time (avg/stddev): 4.5024/0.03

Thread Test 8 End: 2018-02-05 03:30:56.487517
Thread Test 9 Start: 2018-02-05 03:30:57.488723
sysbench 0.4.12: multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.

Test execution summary:
total time: 5.7784s
total number of events: 10000

total time taken by event execution: 733.7641

per-request statistics:

min:	0.61ms
avg:	73.38ms
max:	941.38ms
approx. 95 percentile:	344.08ms

Threads fairness:

events (avg/stddev):	78.1250/16.67
execution time (avg/stddev):	5.7325/0.04

Thread Test 9 End: 2018-02-05 03:31:03.272199