

Scheduling

A4

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第1章 Checkpoint1

1.1 Result

When I run make runsmp, the result is as follows:

```
worker 154: exits at 18443
worker 153: exits at 18450
worker 152: exits at 18464
schedtest: worker pid 152: used 400 time
schedtest: worker pid 153: used 386 time
schedtest: worker pid 154: used 373 time
schedtest: worker pid 155: used 344 time
schedtest: worker pid 156: used 317 time
schedtest: worker pid 157: used 322 time
schedtest: worker pid 158: used 312 time
schedtest: worker pid 159: used 276 time
schedtest: final slope: -16880
schedtest: running 9-th test
worker 160: priority 7
worker 161: priority 6
worker 160: starts at 18465
worker 162: priority 5
worker 163: priority 4
worker 164: priority 3
worker 165: priority 2
worker 161: starts at 18466
worker 167: priority 0
worker 162: starts at 18466
worker 163: starts at 18467
worker 164: starts at 18469
worker 166: priority 1
worker 166: starts at 18473
worker 165: starts at 18474
worker 167: starts at 18477
worker 166: exits at 18720
worker 165: exits at 18783
worker 167: exits at 18789
worker 164: exits at 18811
worker 163: exits at 18835
worker 162: exits at 18840
worker 161: exits at 18852
worker 160: exits at 18884
schedtest: worker pid 160: used 419 time
schedtest: worker pid 161: used 386 time
schedtest: worker pid 162: used 374 time
schedtest: worker pid 163: used 368 time
schedtest: worker pid 164: used 342 time
schedtest: worker pid 165: used 309 time
schedtest: worker pid 166: used 247 time
schedtest: worker pid 167: used 312 time
schedtest: final slope: -19821

===
schedtest: 10-times tests passed
===

sh > child 87 exit with code 0
sh >> QEMU: Terminated
```

Sometimes I run schedtest may appear fails:

```
sh > child 5 exit with code 0
sh >> schedtest
sh > exec schedtest failed
sh > child 86 exit with code -1
sh >> schedtest
schedtest: running 0-th test
worker 88: priority 7
worker 89: priority 6
worker 90: priority 5
worker 91: priority 4
worker 92: priority 3
worker 93: priority 2
worker 94: priority 1
worker 88: starts at 15014
worker 90: starts at 15014
worker 89: starts at 15014
worker 95: priority 0
worker 91: starts at 15014
worker 92: starts at 15019
worker 94: starts at 15020
```

,but next time it will be okay.

第2章 Conclusion

I finish this task using about 15 mins.