CSE 422- Studio 9

1. Selamawit Tegegn(sntegegn@wustl.edu) , Leiquan Pan(lpan22@wustl.edu), yiying Lu([lu.yiying@wustl.edu](mailto:lu.yiying@wustl.edu))

2.

pi@raspberrypi:~ $ time ./studio9 0

real 0m3.402s

user 0m3.400s

sys 0m0.000s

3.

From Colunm Info, we could tell that studio9 switch to WorkerPool

Studio9 ==> chromium-browse

studio9 ==> rcu\_preempt:7

4.

not using root: 95

using root:99

5.

there are no processes to interefered with the exceution.

6.

there are 4 switch events in cpu0

1:1

2:3

3:4

7.

(1) range: 50-99

(2) [migration/0] 99

[irq/92-mmc1] 50

processes need to be assign in CPU which is idle. So migration is needed to switch task to differet CPU.

And irq is interrupt request which need a higher priority to control process.

8.

(1)CPU0 has 6 switch events.

(2)yes.

(3) when studio9 execute trace-cmd and need to switch to CPU to execute studio9, it is preempted by migration.

9.

(1) 0.401

(2)studio9 1801-1804-1802-1803