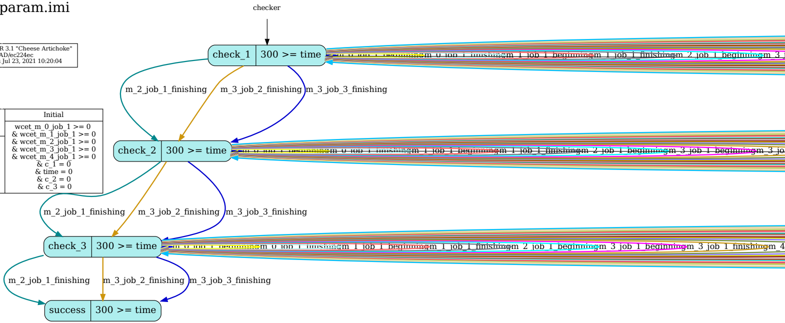
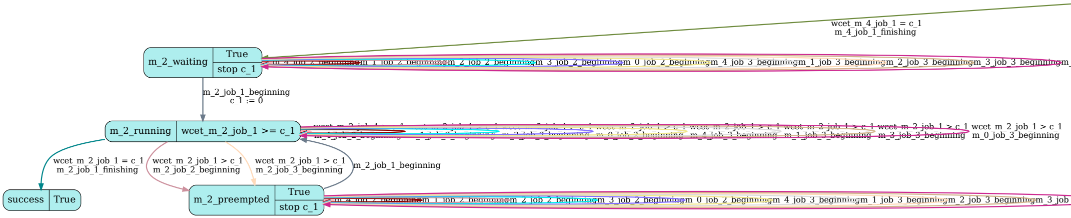
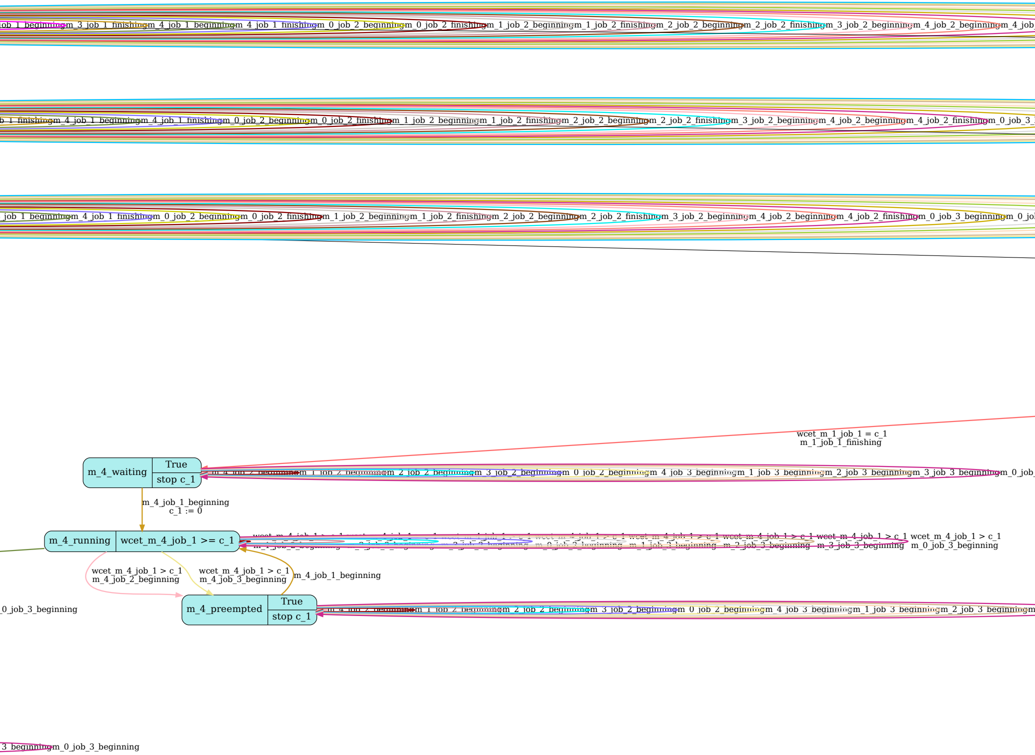
LA02-3_5param.imi

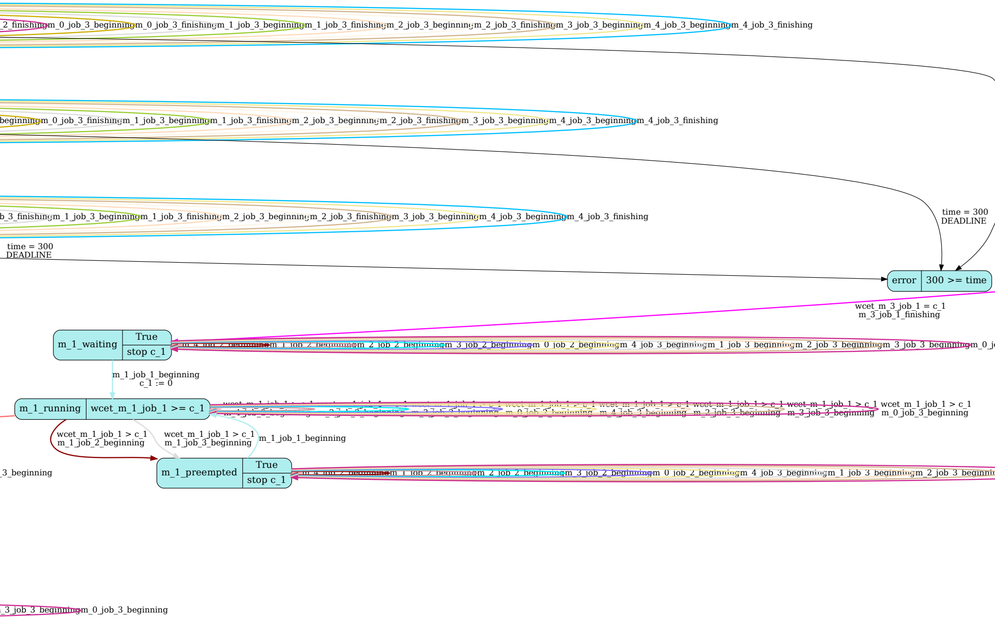
Generated by IMITATOR 3.1 "Cheese Artichoke"
Build: HEAD/ec224ec
Generation time: Fri Jul 23, 2021 10:20:04

4 clocks	5 parameters	Initial
c_1 time c_2 c_3	wcet_m_0_job_1 wcet_m_1_job_1 wcet_m_2_job_1 wcet_m_3_job_1 wcet_m_4_job_1	wcet_m_0_job_1 >= 0 & wcet_m_1_job_1 >= 0 & wcet_m_2_job_1 >= 0 & wcet_m_3_job_1 >= 0 & wcet_m_4_job_1 >= 0 & c_1 = 0 & time = 0 & c_2 = 0 & c_3 = 0

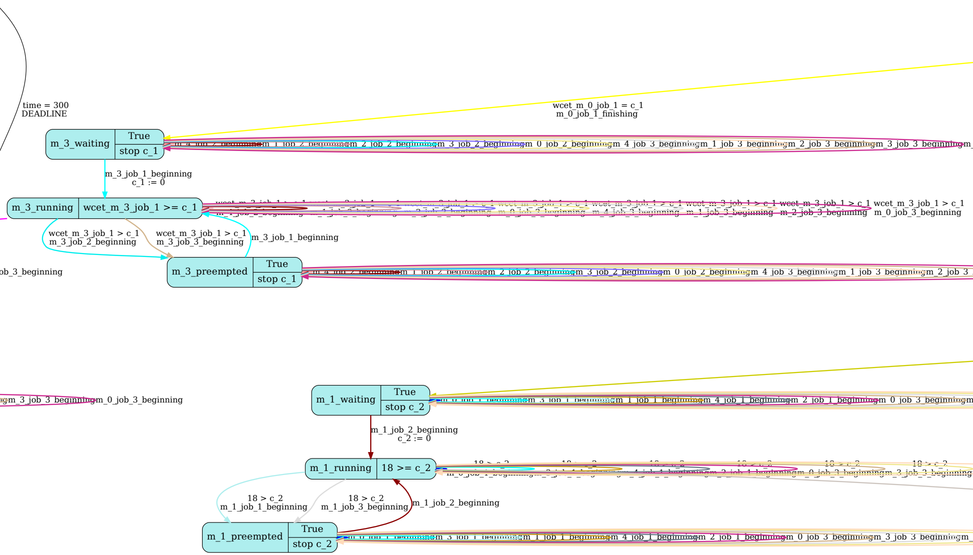

checker
check_1
300 >= time
m_2_job_1_finishing
m_3_job_2_finishing
m_3_job_3_finishing
check_2
300 >= time
check_3
300 >= time
success
300 >= time
m_0_job_1_beginning
m_0_job_1_finishing
m_1_job_1_beginning
m_1_job_1_finishing
m_2_job_1_beginning
m_3_job_1_beginning
m_3_job_1_finishing

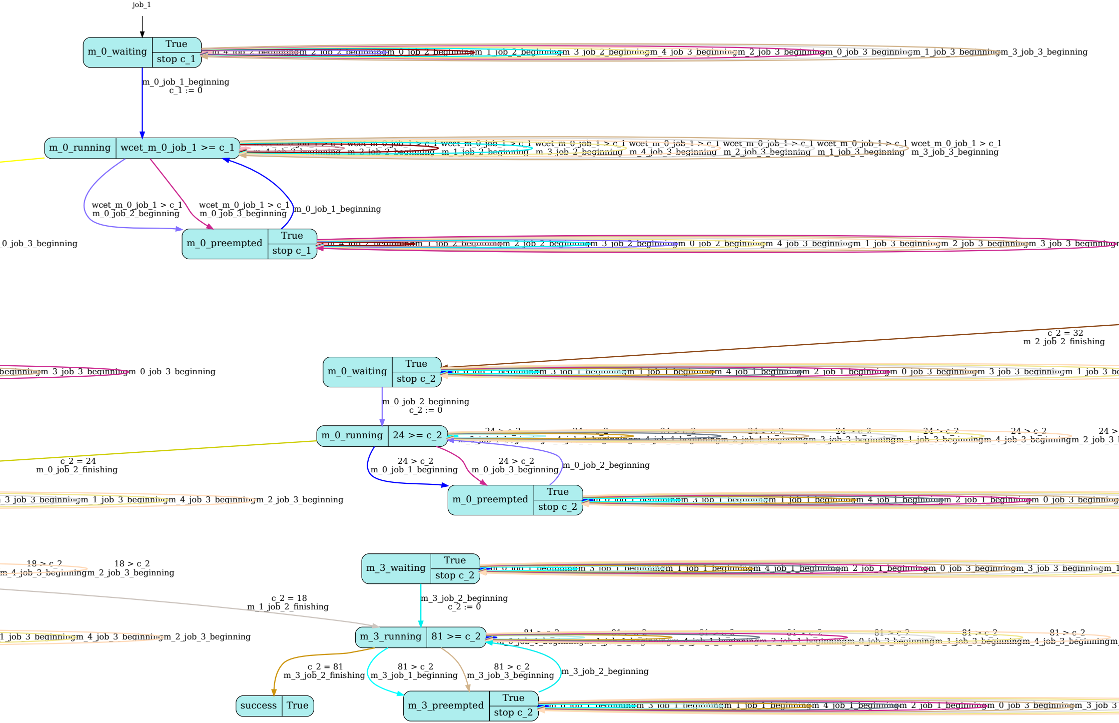

wcet_m_4_job_1 = c_1
m_4_job_1_finishing
m_2_waiting
True
stop c_1
m_4_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_0_job_2_beginning
m_4_job_3_beginning
m_1_job_3_beginning
m_2_job_3_beginning
m_3_job_3_beginning
m_2_job_1_beginning
c_1 := 0
m_2_running
wcet_m_2_job_1 >= c_1
wcet_m_2_job_1 > c_1
m_0_job_3_beginning
wcet_m_2_job_1 = c_1
m_2_job_1_finishing
wcet_m_2_job_1 > c_1
m_2_job_2_beginning
wcet_m_2_job_1 > c_1
m_2_job_3_beginning
m_2_job_1_beginning
success
True
m_2_preempted
True
stop c_1

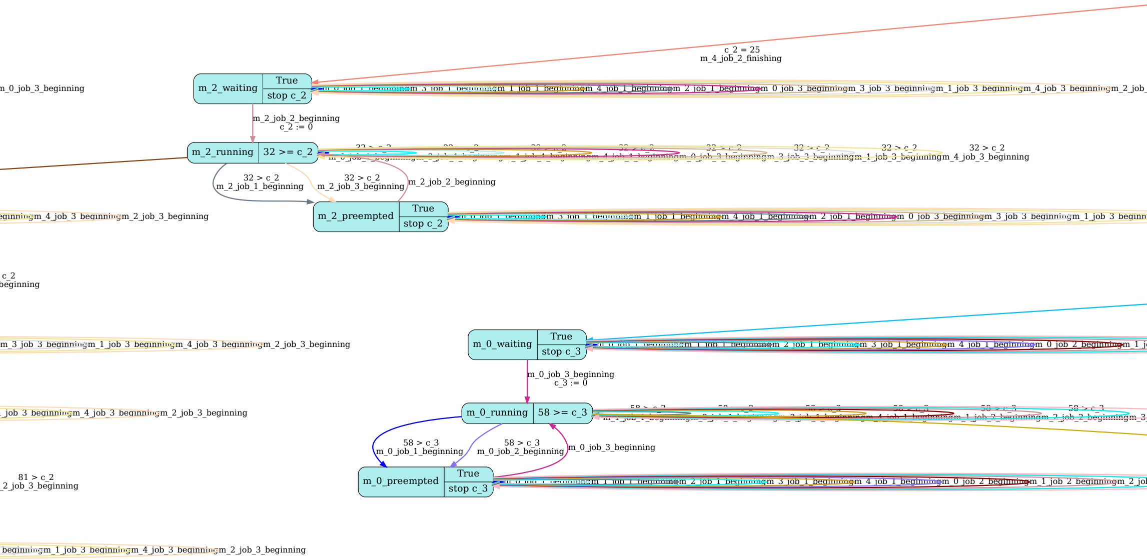

m_4_waiting
True
stop c_1
m_4_running
wcet_m_4_job_1 >= c_1
m_4_preempted
True
stop c_1
wcet_m_1_job_1 = c_1
m_1_job_1_finishing
m_4_job_1_beginning
c_1 := 0
wcet_m_4_job_1 > c_1
m_4_job_2_beginning
wcet_m_4_job_1 > c_1
m_4_job_3_beginning
m_4_job_1_beginning
wcet_m_4_job_1 > c_1
m_0_job_3_beginning
m_3_job_1_finishing
m_4_job_1_beginning
m_4_job_1_finishing
m_0_job_2_beginning
m_0_job_2_finishing
m_1_job_2_beginning
m_1_job_2_finishing
m_2_job_2_beginning
m_2_job_2_finishing
m_3_job_2_beginning
m_4_job_2_beginning
m_4_job_2_finishing
m_0_job_3_beginning
m_1_job_3_beginning
m_2_job_3_beginning
m_3_job_3_beginning
m_4_job_3_beginning

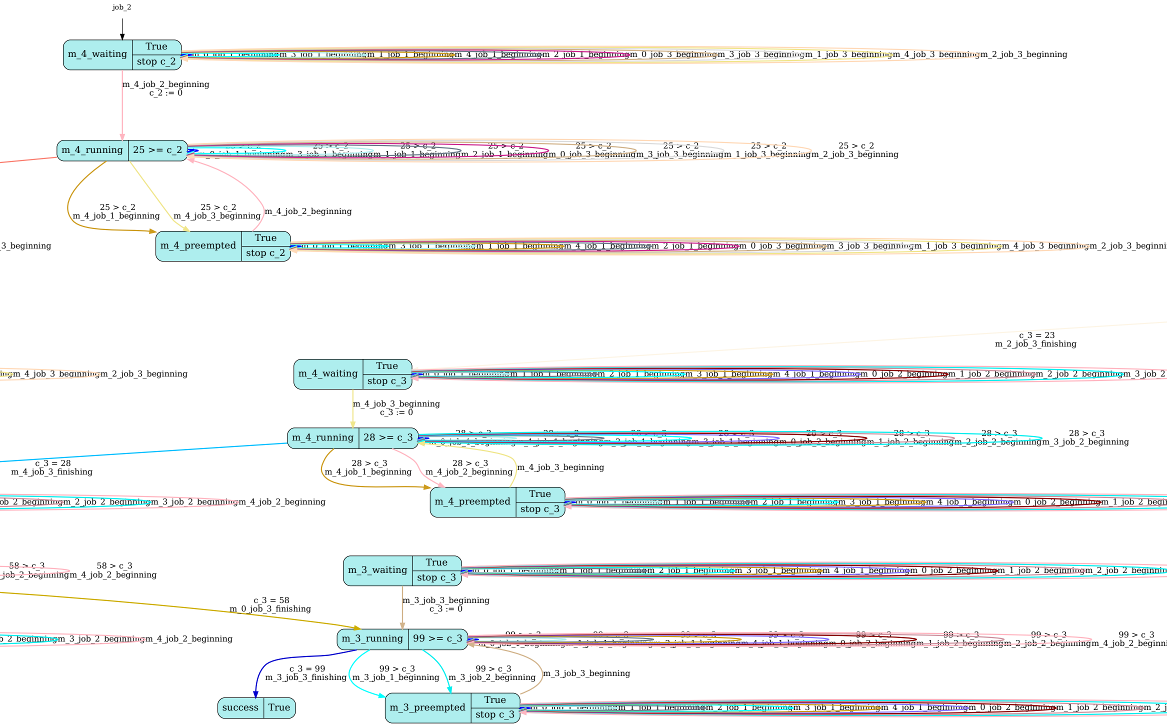


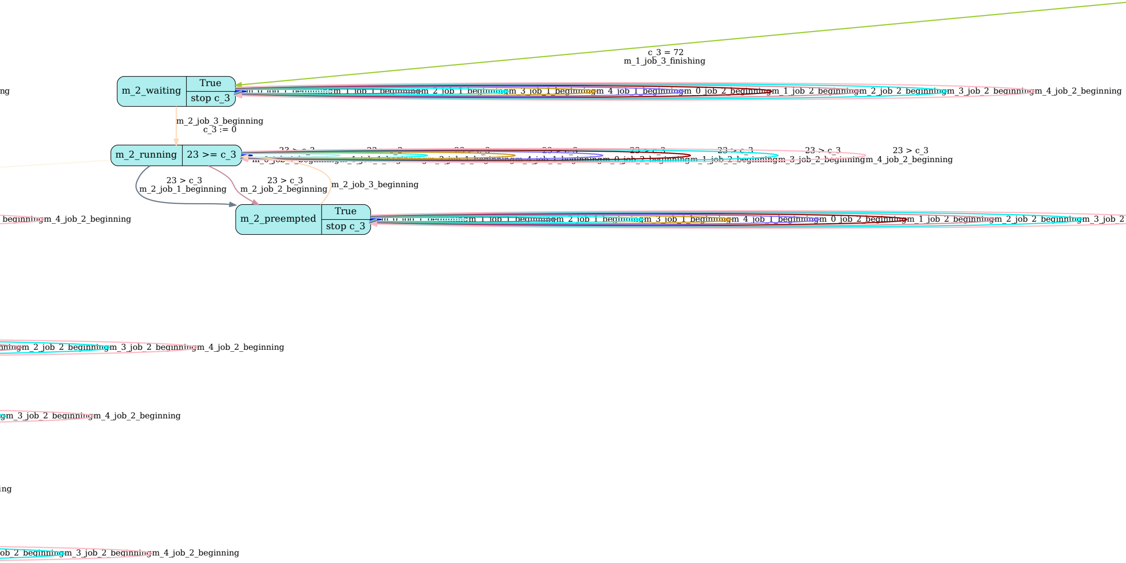
m_4_job_3_beginning
m_4_job_3_finishing
time = 300
DEADLINE
time = 300
DEADLINE
error
300 >= time
wcet_m_3_job_1 = c_1
m_3_job_1_finishing
m_1_waiting
True
stop c_1
m_1_job_1_beginning
c_1 := 0
m_1_running
wcet_m_1_job_1 >= c_1
wcet_m_1_job_1 > c_1
m_0_job_3_beginning
wcet_m_1_job_1 > c_1
m_1_job_2_beginning
wcet_m_1_job_1 > c_1
m_1_job_3_beginning
m_1_job_1_beginning
m_1_preempted
True
stop c_1
m_0_job_3_beginning

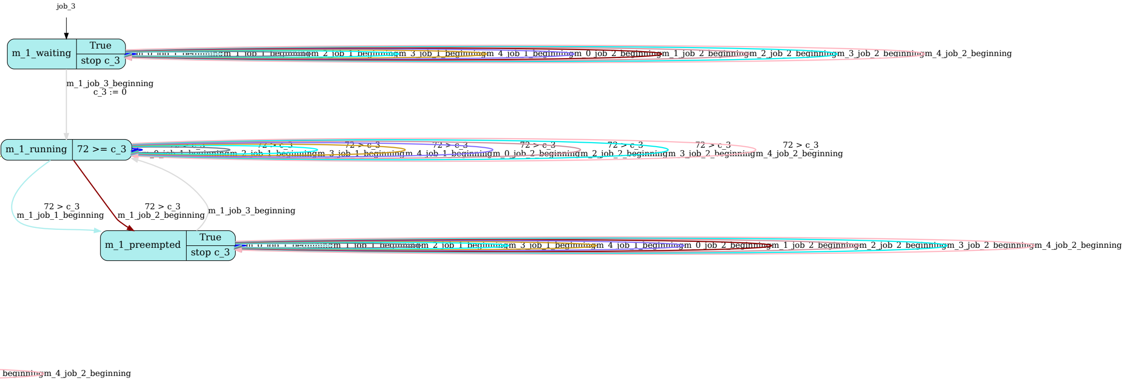

time = 300
DEADLINE
wcet_m_0_job_1 = c_1
m_0_job_1_finishing
m_3_waiting
True
stop c_1
m_3_job_1_beginning
c_1 := 0
m_3_running
wcet_m_3_job_1 >= c_1
wcet_m_3_job_1 > c_1
m_3_job_2_beginning
wcet_m_3_job_1 > c_1
m_3_job_3_beginning
m_3_job_1_beginning
m_3_preempted
True
stop c_1
m_2_job_3_beginning
m_0_job_3_beginning
m_1_waiting
True
stop c_2
m_1_job_2_beginning
c_2 := 0
m_1_running
18 >= c_2
18 > c_2
m_1_job_1_beginning
18 > c_2
m_1_job_3_beginning
m_1_job_2_beginning
m_1_preempted
True
stop c_2


job_1
m_0_waiting
True
stop c_1
m_0_job_1_beginning
c_1 := 0
m_0_running
wcet_m_0_job_1 >= c_1
wcet_m_0_job_1 > c_1
m_0_job_2_beginning
wcet_m_0_job_1 > c_1
m_0_job_3_beginning
m_0_job_1_beginning
m_0_preempted
True
stop c_1
c_2 = 32
m_2_job_2_finishing
m_0_waiting
True
stop c_2
m_0_job_2_beginning
c_2 := 0
m_0_running
24 >= c_2
c_2 = 24
m_0_job_2_finishing
24 > c_2
m_0_job_1_beginning
24 > c_2
m_0_job_3_beginning
m_0_job_2_beginning
m_0_preempted
True
stop c_2
m_3_waiting
True
stop c_2
m_3_job_2_beginning
c_2 := 0
c_2 = 18
m_1_job_2_finishing
18 > c_2
m_4_job_3_beginning
18 > c_2
m_2_job_3_beginning
m_3_running
81 >= c_2
c_2 = 81
m_3_job_2_finishing
81 > c_2
m_3_job_1_beginning
81 > c_2
m_3_job_3_beginning
m_3_job_2_beginning
success
True
m_3_preempted
True
stop c_2


m_2_waiting
True
stop c_2
c_2 = 25
m_4_job_2_finishing
m_0_job_3_beginning
m_3_job_1_beginning
m_1_job_1_beginning
m_4_job_1_beginning
m_2_job_1_beginning
m_0_job_3_beginning
m_3_job_3_beginning
m_1_job_3_beginning
m_4_job_3_beginning
m_2_job_2_beginning
c_2 := 0
m_2_running
32 >= c_2
32 > c_2
m_4_job_3_beginning
32 > c_2
m_2_job_1_beginning
32 > c_2
m_2_job_3_beginning
m_2_job_2_beginning
m_2_preempted
True
stop c_2
m_4_job_3_beginning
m_2_job_3_beginning
m_3_job_3_beginning
m_1_job_3_beginning
m_4_job_3_beginning
m_2_job_3_beginning
m_0_waiting
True
stop c_3
m_1_job_1_beginning
m_2_job_1_beginning
m_3_job_1_beginning
m_4_job_1_beginning
m_0_job_2_beginning
m_0_job_3_beginning
c_3 := 0
m_0_running
58 >= c_3
58 > c_3
m_1_job_1_beginning
m_4_job_1_beginning
m_1_job_2_beginning
m_2_job_2_beginning
m_4_job_3_beginning
m_2_job_3_beginning
58 > c_3
m_0_job_1_beginning
58 > c_3
m_0_job_2_beginning
m_0_job_3_beginning
81 > c_2
m_0_preempted
True
stop c_3
m_1_job_1_beginning
m_2_job_1_beginning
m_3_job_1_beginning
m_4_job_1_beginning
m_0_job_2_beginning
m_1_job_2_beginning
m_1_job_3_beginning
m_4_job_3_beginning
m_2_job_3_beginning


job_2
m_4_waiting | True | stop c_2
m_4_job_2_beginning
c_2 := 0
m_4_running | 25 >= c_2
25 > c_2
m_4_job_1_beginning
25 > c_2
m_4_job_3_beginning
m_4_job_2_beginning
m_4_preempted | True | stop c_2
m_3 job 1 beginning m_1 job 1 beginning m_4 job 1 beginning m_2 job 1 beginning m_0 job 3 beginning m_3 job 3 beginning m_1 job 3 beginning m_4 job 3 beginning m_2_job_3_beginning
c_3 = 23
m_2_job_3_finishing
m_4_waiting | True | stop c_3
m_4_job_3_beginning
c_3 := 0
m_4_running | 28 >= c_3
c_3 = 28
m_4_job_3_finishing
28 > c_3
m_4_job_1_beginning
28 > c_3
m_4_job_2_beginning
m_4_job_3_beginning
m_4_preempted | True | stop c_3
m_1 job 1 beginning m_2 job 1 beginning m_3 job 1 beginning m_4 job 1 beginning m_0 job 2 beginning m_1 job 2 beginning m_2 job 2 beginning m_3 job 2 beginning m_4_job_2_beginning
58 > c_3
m_4_job_2_beginning
m_3_waiting | True | stop c_3
m_3_job_3_beginning
c_3 := 0
c_3 = 58
m_0_job_3_finishing
m_3_running | 99 >= c_3
99 > c_3
c_3 = 99
m_3_job_3_finishing
99 > c_3
m_3_job_1_beginning
99 > c_3
m_3_job_2_beginning
m_3_job_3_beginning
success | True
m_3_preempted | True | stop c_3


c_3 = 72
m_1_job_3_finishing
m_2_waiting
True
stop c_3
m_0_job_1_beginning
m_1_job_1_beginning
m_2_job_1_beginning
m_3_job_1_beginning
m_4_job_1_beginning
m_0_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_4_job_2_beginning
m_2_job_3_beginning
c_3 := 0
m_2_running
23 >= c_3
23 > c_3
23 > c_3
m_2_job_1_beginning
23 > c_3
m_2_job_2_beginning
m_2_job_3_beginning
m_2_preempted
True
stop c_3
ng
beginningm_4_job_2_beginning
ningm_2_job_2_beginningm_3_job_2_beginningm_4_job_2_beginning
gm_3_job_2_beginningm_4_job_2_beginning
ing
ob_2_beginningm_3_job_2_beginningm_4_job_2_beginning


job_3
m_1_waiting
True
stop c_3
m_0_job_1_beginning
m_1_job_1_beginning
m_2_job_1_beginning
m_3_job_1_beginning
m_4_job_1_beginning
m_0_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_4_job_2_beginning
m_1_job_3_beginning
c_3 := 0
m_1_running
72 >= c_3
72 > c_3
m_0_job_1_beginning
m_2_job_1_beginning
m_3_job_1_beginning
m_4_job_1_beginning
m_0_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_4_job_2_beginning
72 > c_3
m_1_job_1_beginning
72 > c_3
m_1_job_2_beginning
m_1_job_3_beginning
m_1_preempted
True
stop c_3
m_0_job_1_beginning
m_1_job_1_beginning
m_2_job_1_beginning
m_3_job_1_beginning
m_4_job_1_beginning
m_0_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_4_job_2_beginning
beginningm_4_job_2_beginning