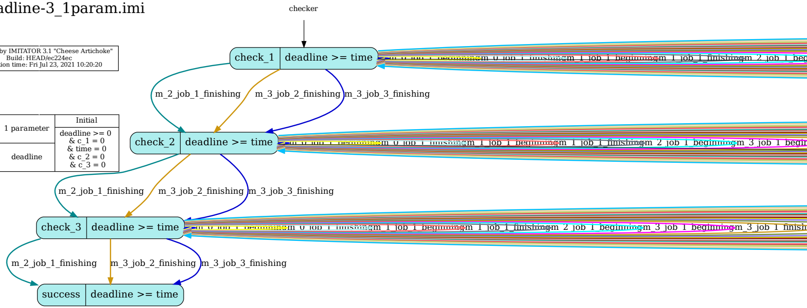
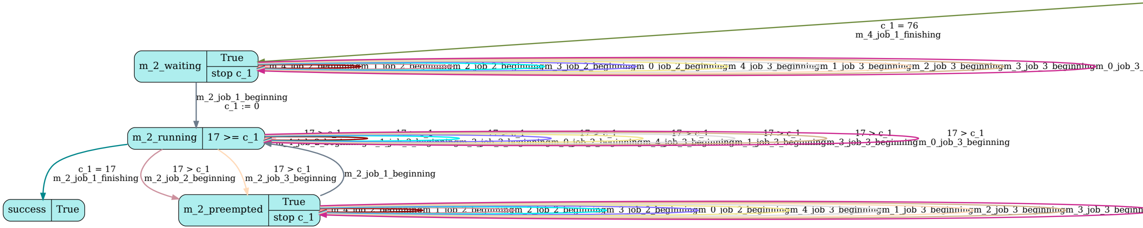
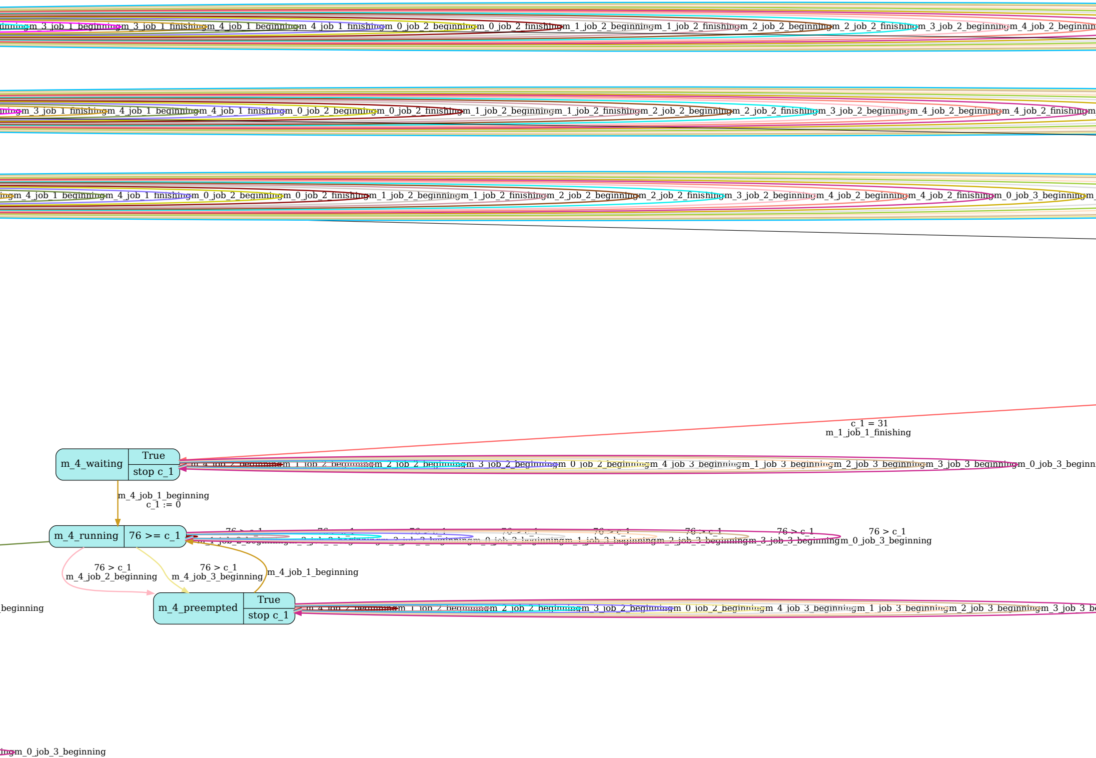
LA02_deadline-3_1param.imi

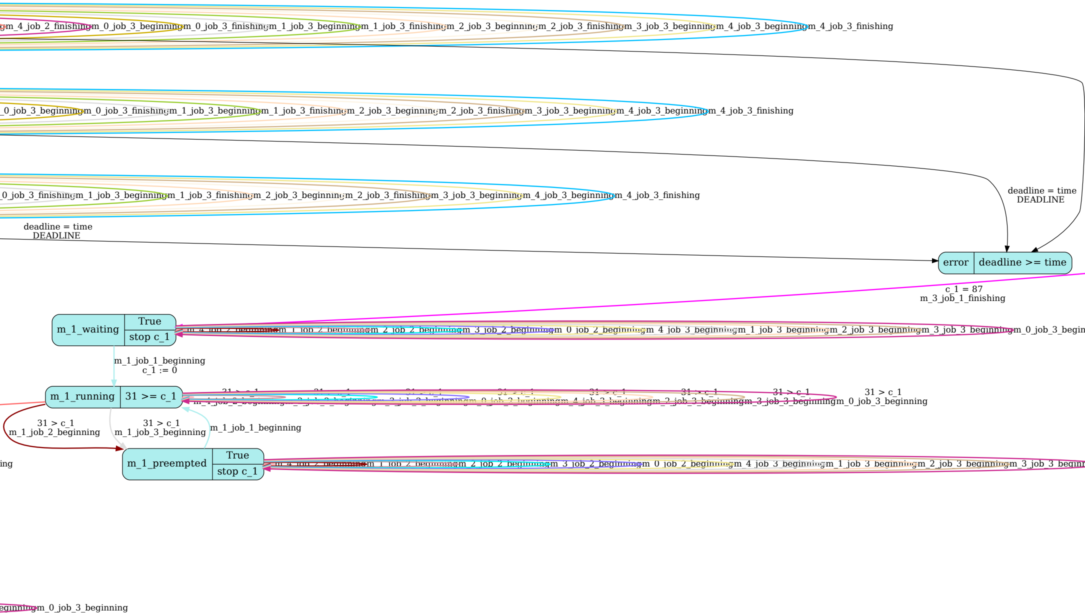
Generated by IMITATOR 3.1 "Cheese Artichoke"
Build: HEAD/ec224ec
Generation time: Fri Jul 23, 2021 10:20:20

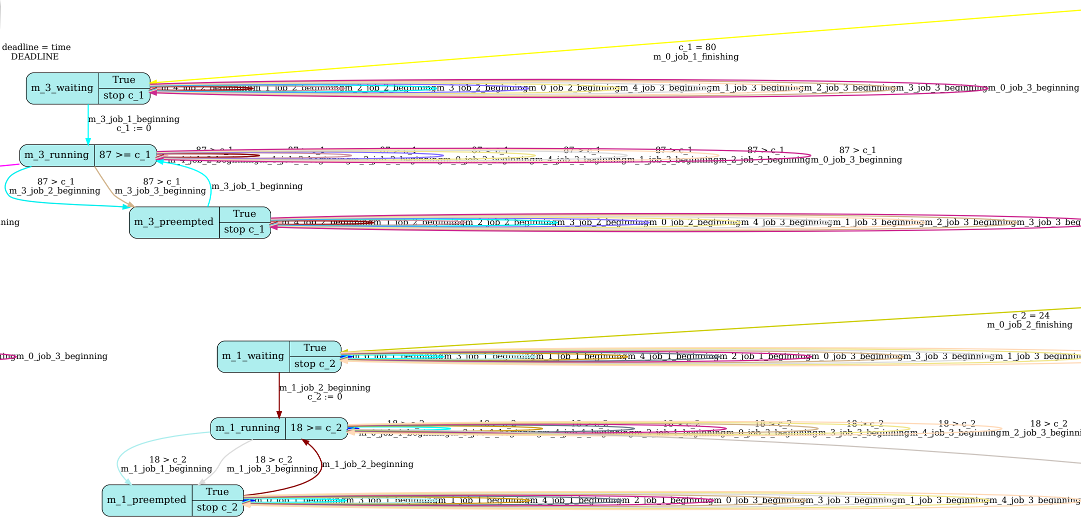
4 clocks	1 parameter	Initial
c_1 time c_2 c_3	deadline	deadline >= 0 & c_1 = 0 & time = 0 & c_2 = 0 & c_3 = 0

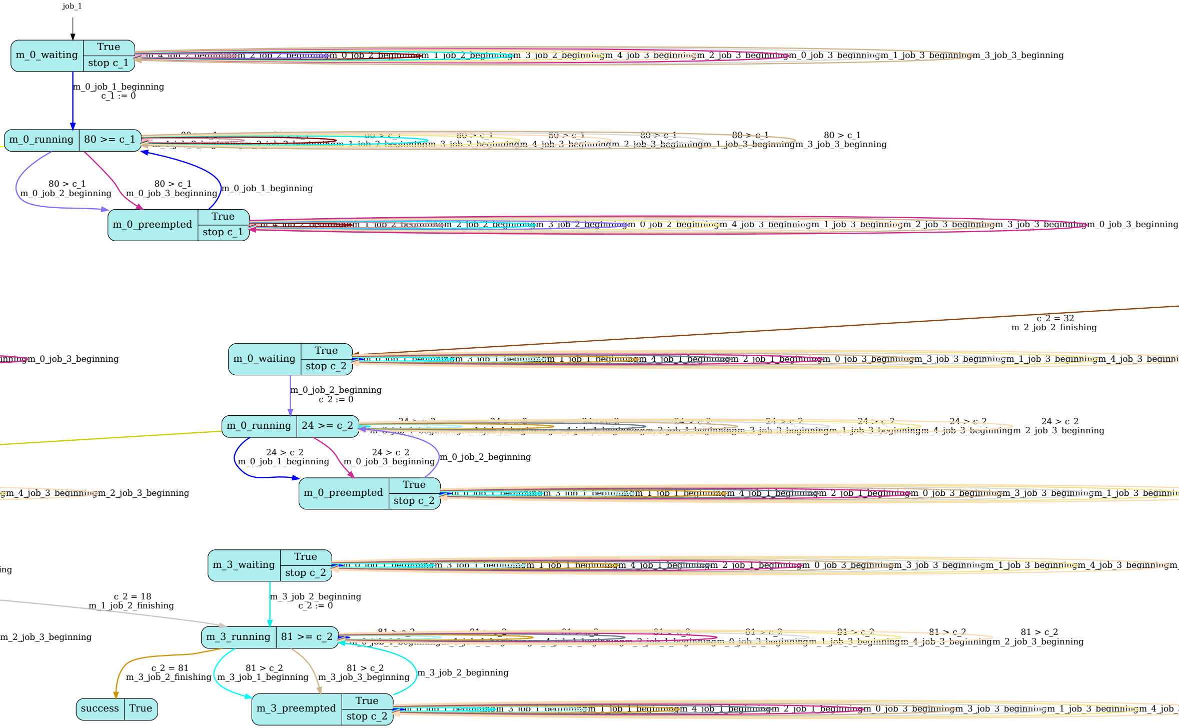

checker
check_1 | deadline >= time
check_2 | deadline >= time
check_3 | deadline >= time
success | deadline >= time
m_2_job_1_finishing
m_3_job_2_finishing
m_3_job_3_finishing
m_0_job_1_beginning
m_0_job_1_finishing
m_1_job_1_beginning
m_1_job_1_finishing
m_2_job_1_beginning
m_3_job_1_beginning

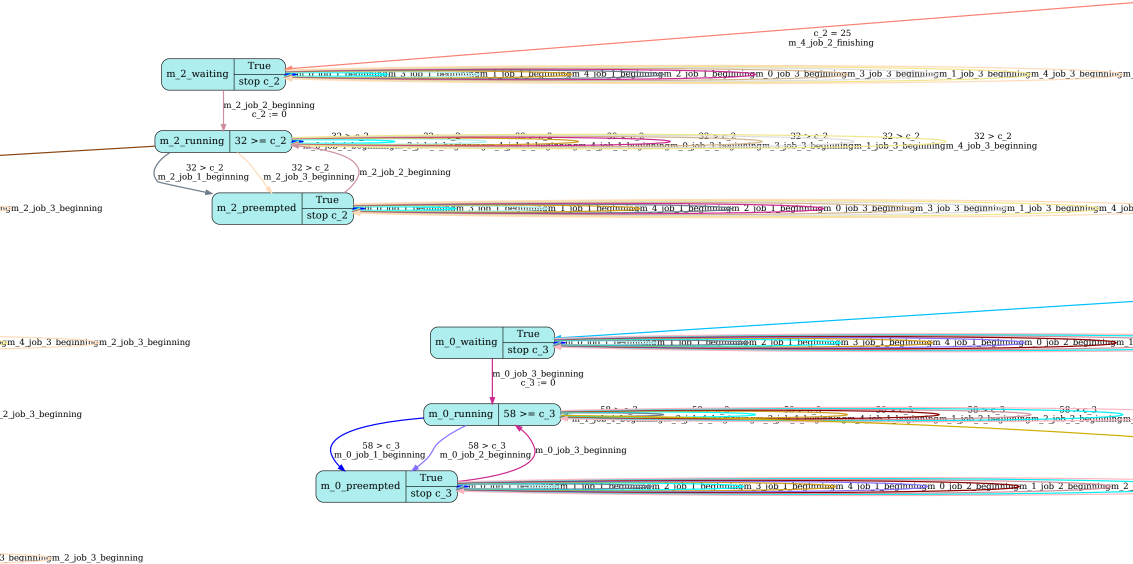

c_1 = 76
m_4_job_1_finishing
m_2_waiting | True | stop c_1
m_4_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_0_job_2_beginning
m_4_job_3_beginning
m_1_job_3_beginning
m_2_job_3_beginning
m_3_job_3_beginning
m_0_job_3_beginning
m_2_job_1_beginning
c_1 := 0
m_2_running | 17 >= c_1
17 > c_1
c_1 = 17
m_2_job_1_finishing
17 > c_1
m_2_job_2_beginning
17 > c_1
m_2_job_3_beginning
m_2_job_1_beginning
success | True
m_2_preempted | True | stop c_1

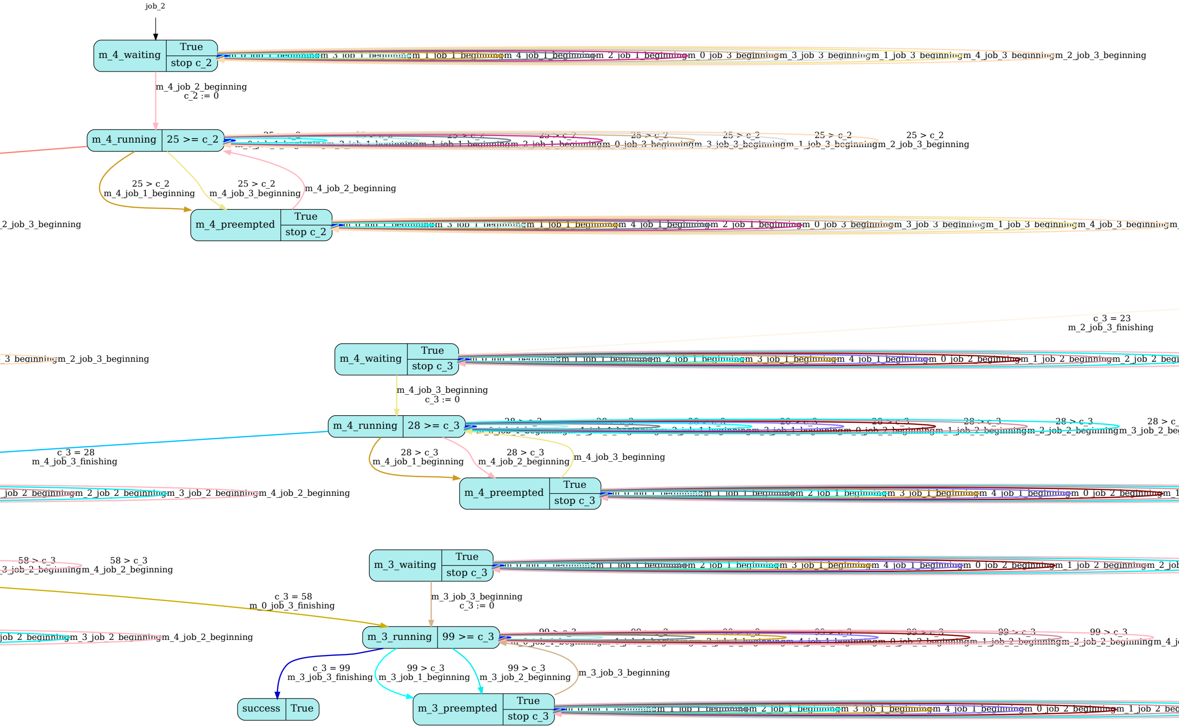

m_4_waiting
True
stop c_1
m_4_running
76 >= c_1
m_4_preempted
True
stop c_1
c_1 = 31
m_1_job_1_finishing
m_4_job_1_beginning
c_1 := 0
76 > c_1
m_4_job_2_beginning
76 > c_1
m_4_job_3_beginning
m_4_job_1_beginning
76 > c_1
m_0_job_3_beginning
m_4_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
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_3_job_1_beginning
m_3_job_1_finishing
m_4_job_1_finishing
m_0_job_2_finishing
m_1_job_2_finishing
m_2_job_2_finishing
m_4_job_2_finishing
m_0_job_3_beginning

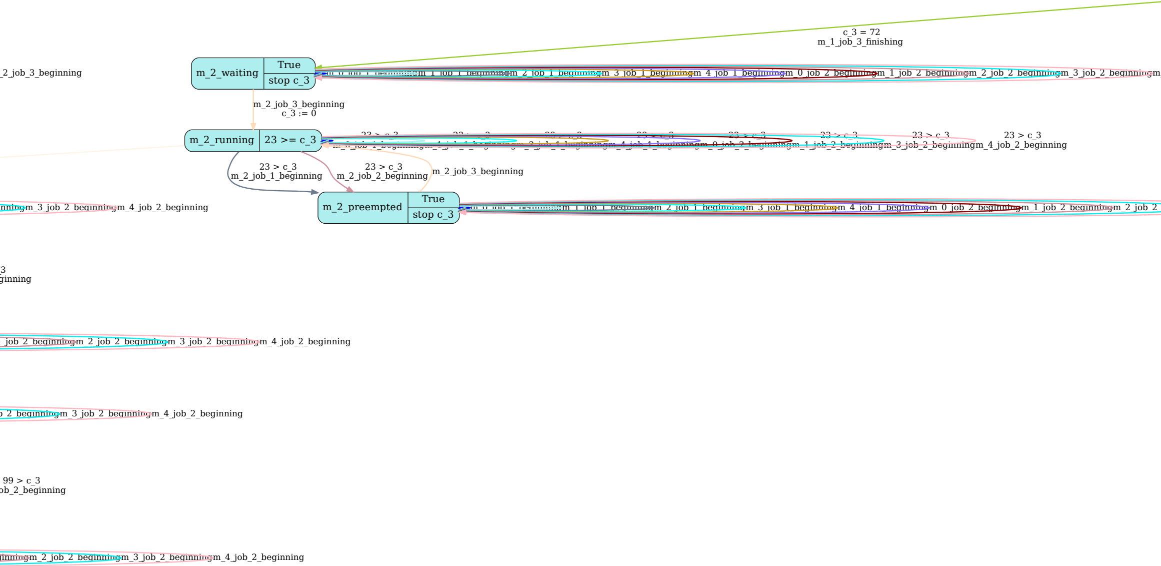

m_4_job_2_finishing
m_0_job_3_beginning
m_0_job_3_finishing
m_1_job_3_beginning
m_1_job_3_finishing
m_2_job_3_beginning
m_2_job_3_finishing
m_3_job_3_beginning
m_4_job_3_beginning
m_4_job_3_finishing
deadline = time
DEADLINE
deadline = time
DEADLINE
error
deadline >= time
c_1 = 87
m_3_job_1_finishing
m_1_waiting
True
stop c_1
m_1_job_1_beginning
c_1 := 0
m_1_running
31 >= c_1
31 > c_1
m_0_job_3_beginning
31 > c_1
m_1_job_2_beginning
31 > c_1
m_1_job_3_beginning
m_1_job_1_beginning
m_1_preempted
True
stop c_1
m_0_job_3_beginning

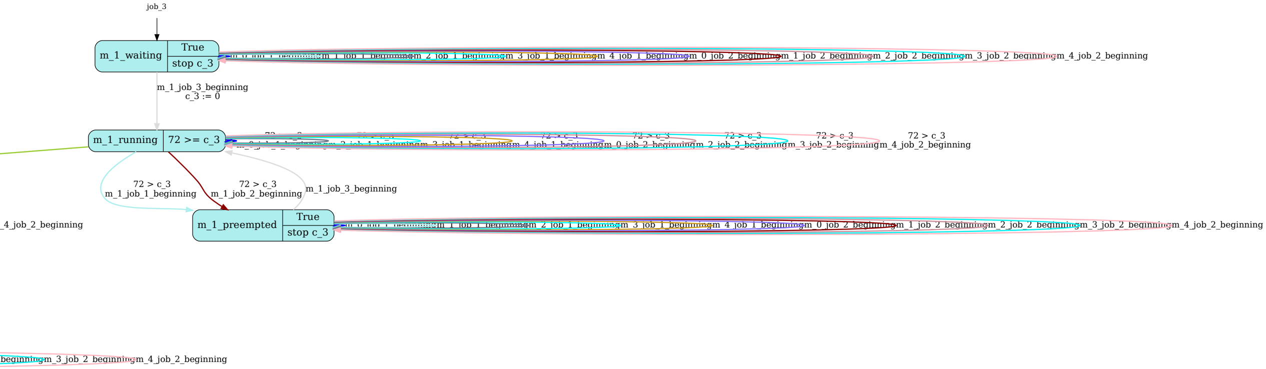

deadline = time
DEADLINE
c_1 = 80
m_0_job_1_finishing
m_3_waiting
True
stop c_1
m_3_job_1_beginning
c_1 := 0
m_3_running
87 >= c_1
87 > c_1
m_3_job_2_beginning
87 > c_1
m_3_job_3_beginning
m_3_job_1_beginning
m_3_preempted
True
stop c_1
m_2_job_3_beginning
m_0_job_3_beginning
c_2 = 24
m_0_job_2_finishing
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
80 >= c_1
80 > c_1
m_3_job_3_beginning
80 > c_1
m_0_job_2_beginning
80 > c_1
m_0_job_3_beginning
m_0_job_1_beginning
m_0_preempted
True
stop c_1
m_0_job_3_beginning
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
24 > c_2
m_2_job_3_beginning
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
m_2_job_3_beginning
m_3_running
81 >= c_2
81 > c_2
m_2_job_3_beginning
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


c_2 = 25
m_4_job_2_finishing
m_2_waiting
True
stop c_2
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_2_job_3_beginning
m_4_job_3_beginning
m_2_job_3_beginning
m_0_waiting
True
stop c_3
m_0_job_3_beginning
c_3 := 0
m_0_running
58 >= c_3
58 > c_3
m_0_job_1_beginning
58 > c_3
m_0_job_2_beginning
m_0_job_3_beginning
m_0_preempted
True
stop c_3


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_1_job_1_beginning
m_2_job_1_beginning
m_0_job_3_beginning
m_3_job_3_beginning
m_1_job_3_beginning
m_2_job_3_beginning
m_4_job_1_beginning
m_4_job_3_beginning
m_4_preempted
c_3 = 23
m_2_job_3_finishing
stop c_3
m_4_job_3_beginning
c_3 := 0
28 >= c_3
28 > c_3
c_3 = 28
m_4_job_3_finishing
m_4_job_2_beginning
m_3_job_2_beginning
m_3_waiting
58 > c_3
c_3 = 58
m_0_job_3_finishing
m_3_job_3_beginning
m_3_running
99 >= c_3
99 > c_3
c_3 = 99
m_3_job_3_finishing
m_3_job_1_beginning
m_3_job_2_beginning
success
m_3_preempted


2_job_3_beginning
m_2_waiting
True
stop c_3
c_3 = 72
m_1_job_3_finishing
m_0_job_1_beginningm_1_job_1_beginningm_2_job_1_beginningm_3_job_1_beginningm_4_job_1_beginningm_0_job_2_beginningm_1_job_2_beginningm_2_job_2_beginningm_3_job_2_beginningm_
m_2_job_3_beginning
c_3 := 0
m_2_running
23 >= c_3
23 > c_3
m_0_job_1_beginningm_1_job_1_beginningm_2_job_1_beginningm_3_job_1_beginningm_4_job_1_beginningm_0_job_2_beginningm_1_job_2_beginningm_3_job_2_beginningm_4_job_2_beginning
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
m_0_job_1_beginningm_1_job_1_beginningm_2_job_1_beginningm_3_job_1_beginningm_4_job_1_beginningm_0_job_2_beginningm_1_job_2_beginningm_2_job_2
nningm_3_job_2_beginningm_4_job_2_beginning
3
ginning
_job_2_beginningm_2_job_2_beginningm_3_job_2_beginningm_4_job_2_beginning
b_2_beginningm_3_job_2_beginningm_4_job_2_beginning
99 > c_3
ob_2_beginning
ginningm_2_job_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
_4_job_2_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
beginning
m_3_job_2_beginning
m_4_job_2_beginning