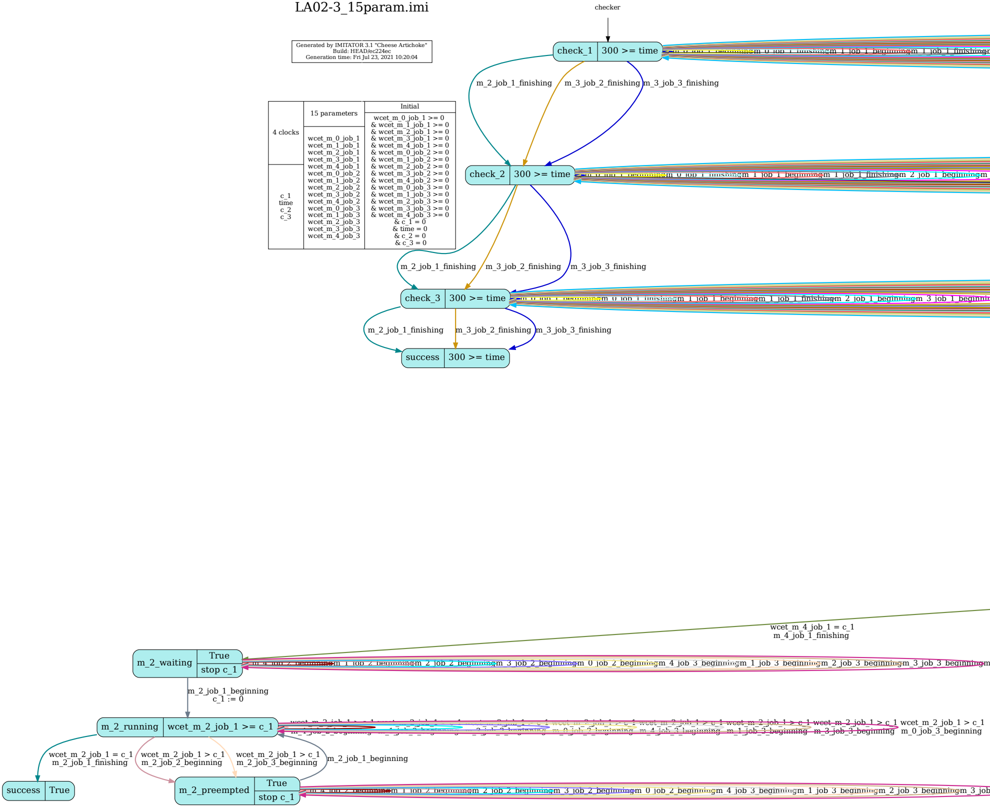
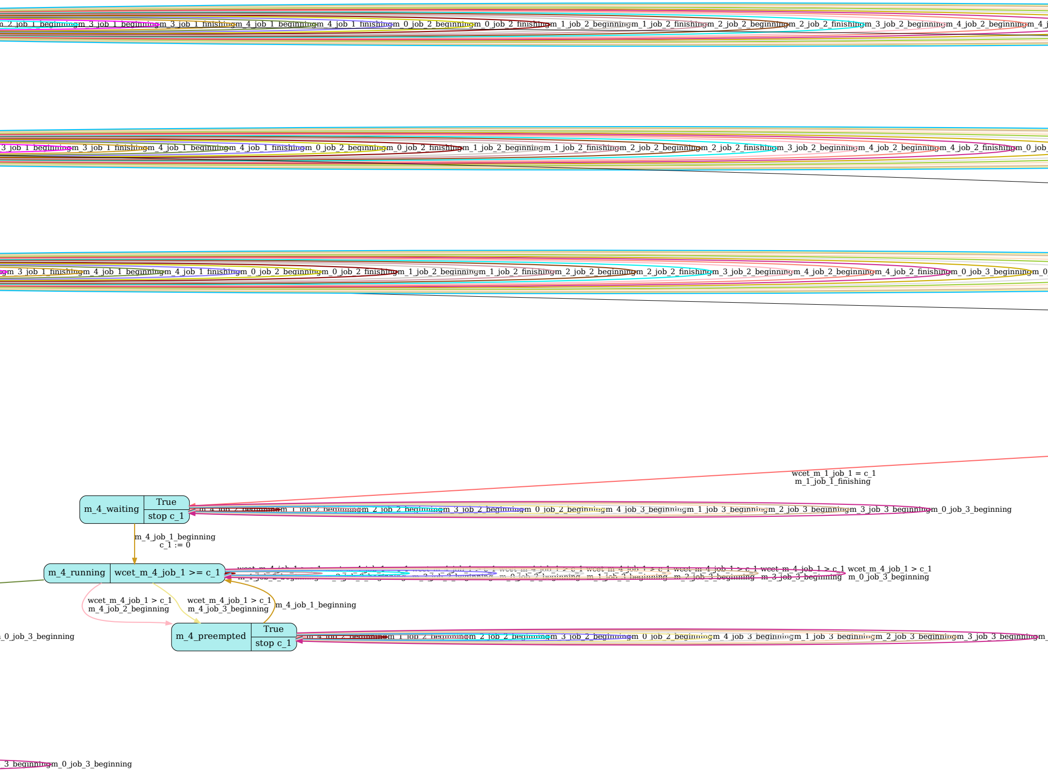
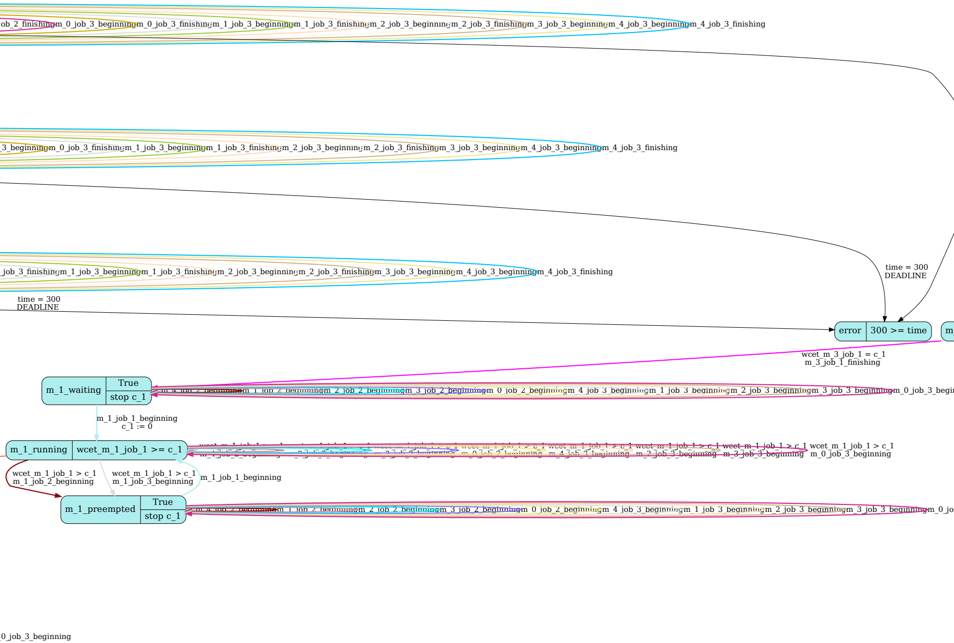
LA02-3_15param.imi

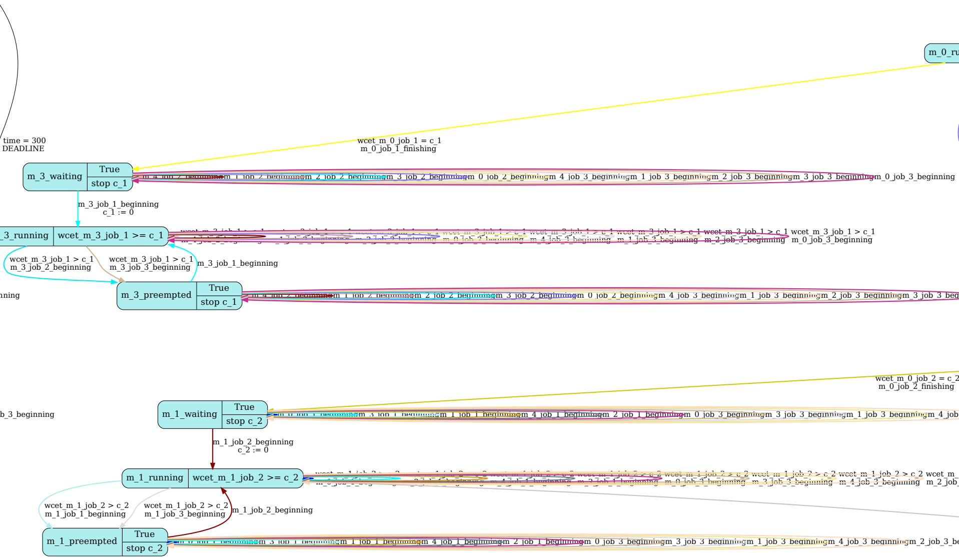
Generated by IMITATOR 3.1 "Cheese Artichoke"
Build: HEAD/ec224ec
Generation time: Fri Jul 23, 2021 10:20:04

4 clocks	15 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_2 wcet_m_1_job_2 wcet_m_2_job_2 wcet_m_3_job_2 wcet_m_4_job_2 wcet_m_0_job_3 wcet_m_1_job_3 wcet_m_2_job_3 wcet_m_3_job_3 wcet_m_4_job_3	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 & wcet_m_0_job_2 >= 0 & wcet_m_1_job_2 >= 0 & wcet_m_2_job_2 >= 0 & wcet_m_3_job_2 >= 0 & wcet_m_4_job_2 >= 0 & wcet_m_0_job_3 >= 0 & wcet_m_1_job_3 >= 0 & wcet_m_2_job_3 >= 0 & wcet_m_3_job_3 >= 0 & wcet_m_4_job_3 >= 0 & c_1 = 0 & time = 0 & c_2 = 0 & c_3 = 0

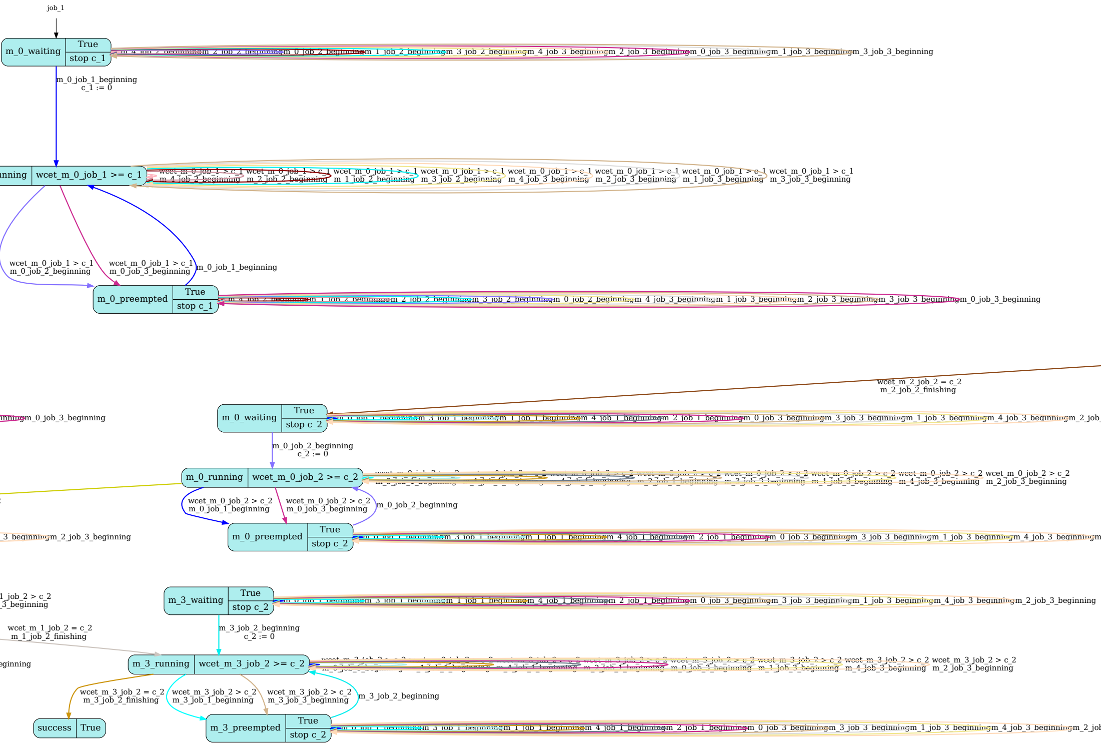

checker
check_1 | 300 >= time
m_2_job_1_finishing
m_3_job_2_finishing
m_3_job_3_finishing
check_2 | 300 >= time
m_2_job_1_finishing
m_3_job_2_finishing
m_3_job_3_finishing
check_3 | 300 >= time
m_2_job_1_finishing
m_3_job_2_finishing
m_3_job_3_finishing
success | 300 >= time
wcet_m_4_job_1 = c_1
m_4_job_1_finishing
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 wcet_m_2_job_1 > c_1 wcet_m_2_job_1 > c_1 wcet_m_2_job_1 > c_1
m_1_job_3_beginning m_3_job_3_beginning 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_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

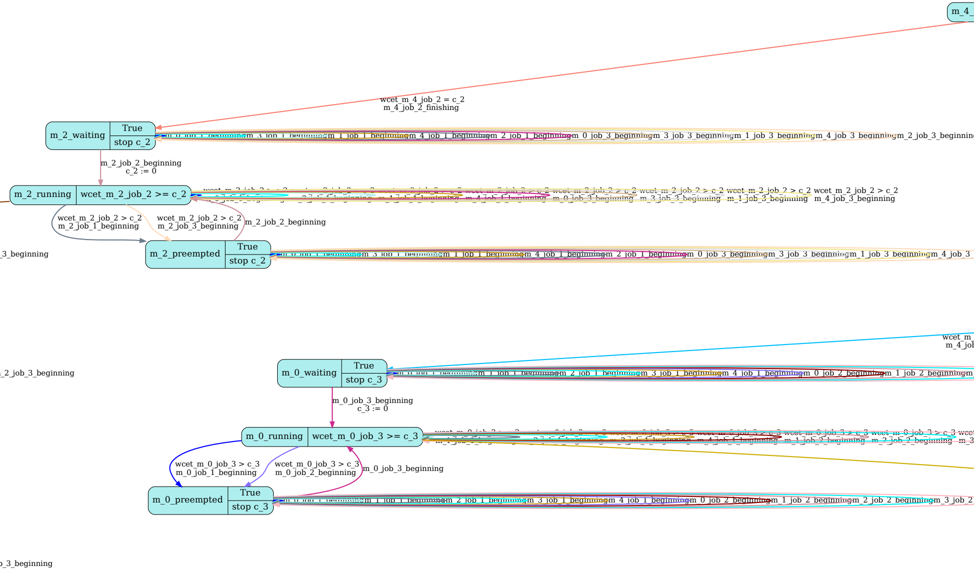

m_4_waiting
True
stop c_1
m_4_running
wcet_m_4_job_1 >= c_1
m_4_preempted
True
stop c_1
m_4_job_1_beginning
c_1 := 0
wcet_m_4_job_1 > c_1
m_4_job_2_beginning
wcet_m_4_job_1 > c_1
m_4_job_3_beginning
m_4_job_1_beginning
wcet_m_1_job_1 = c_1
m_1_job_1_finishing
m_4_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
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_3_job_1_beginning
m_3_job_1_finishing
m_4_job_1_beginning
m_4_job_1_finishing
m_0_job_2_finishing
m_1_job_2_finishing
m_2_job_2_finishing
m_3_job_2_beginning
m_4_job_2_finishing

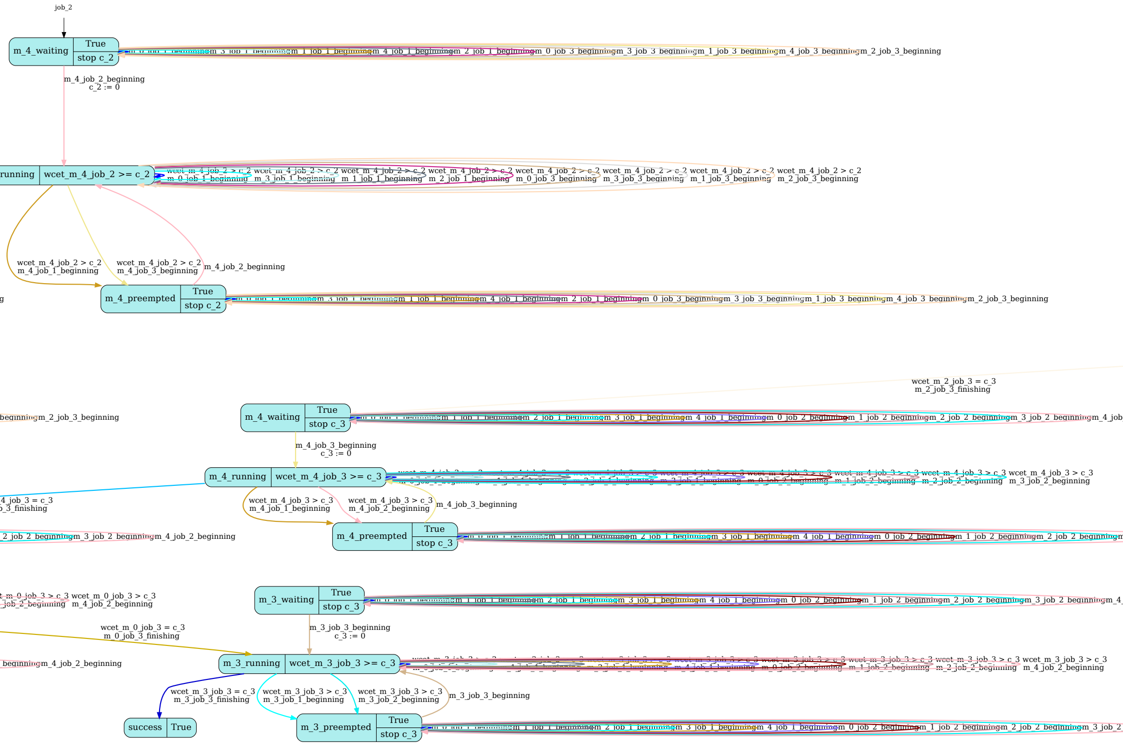

ob_2_finishing m_0_job_3_beginning m_0_job_3_finishing m_1_job_3_beginning m_1_job_3_finishing m_2_job_3_beginning m_2_job_3_finishing m_3_job_3_beginning m_4_job_3_beginning m_4_job_3_finishing
3_beginning m_0_job_3_finishing m_1_job_3_beginning m_1_job_3_finishing m_2_job_3_beginning m_2_job_3_finishing m_3_job_3_beginning m_4_job_3_beginning m_4_job_3_finishing
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
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_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_begi
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 wcet_m_1_job_1 > c_1 wcet_m_1_job_1 > c_1
m_0_job_3_beginning m_4_job_3_beginning m_2_job_3_beginning m_3_job_3_beginning 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_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_jo
0_job_3_beginning

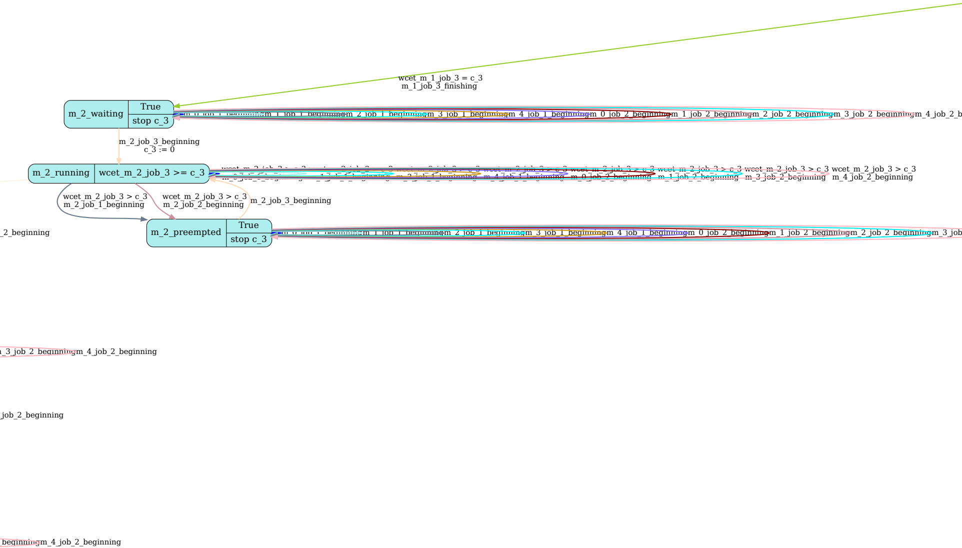


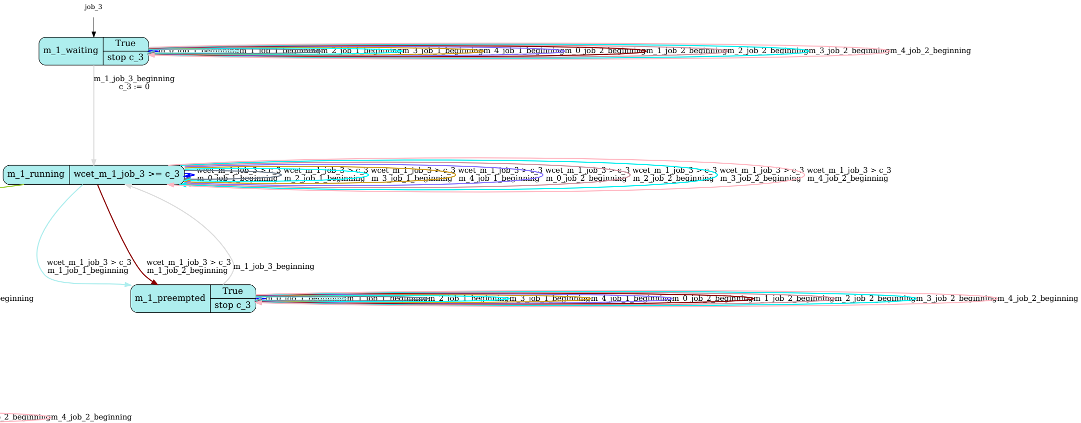
time = 300
DEADLINE
m_0_ru
wcet_m_0_job_1 = c_1
m_0_job_1_finishing
m_3_waiting
True
stop c_1
m_1_job_2_beginning m_2_job_2_beginning m_3_job_2_beginning m_0_job_2_beginning m_4_job_3_beginning m_1_job_3_beginning m_2_job_3_beginning m_3_job_3_beginning m_0_job_3_beginning
m_3_job_1_beginning
c_1 := 0
_3_running
wcet_m_3_job_1 >= c_1
wcet_m_3_job_1 > c_1 wcet_m_3_job_1 > c_1 wcet_m_3_job_1 > c_1 wcet_m_3_job_1 > c_1
m_4_job_3_beginning m_1_job_3_beginning m_2_job_3_beginning m_0_job_3_beginning
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
nning
m_3_preempted
True
stop c_1
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_beg
wcet_m_0_job_2 = c_2
m_0_job_2_finishing
b_3_beginning
m_1_waiting
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
m_1_job_2_beginning
c_2 := 0
m_1_running
wcet_m_1_job_2 >= c_2
wcet_m_1_job_2 > c_2 wcet_m_1_job_2 > c_2 wcet_m_1_job_2 > c_2 wcet_m_
m_4_job_1_beginning m_2_job_1_beginning m_0_job_3_beginning m_3_job_3_beginning m_4_job_3_beginning m_2_job
wcet_m_1_job_2 > c_2
m_1_job_1_beginning
wcet_m_1_job_2 > c_2
m_1_job_3_beginning
m_1_job_2_beginning
m_1_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_be


job_1
m_0_waiting
True
stop c_1
m_0_job_1_beginning
c_1 := 0
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
m_0_job_3_beginning
wcet_m_2_job_2 = c_2
m_2_job_2_finishing
m_0_waiting
True
stop c_2
m_0_job_2_beginning
c_2 := 0
m_0_running
wcet_m_0_job_2 >= c_2
wcet_m_0_job_2 > c_2
m_0_job_1_beginning
wcet_m_0_job_2 > 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
wcet_m_1_job_2 = c_2
m_1_job_2_finishing
m_3_running
wcet_m_3_job_2 >= c_2
wcet_m_3_job_2 = c_2
m_3_job_2_finishing
wcet_m_3_job_2 > c_2
m_3_job_1_beginning
wcet_m_3_job_2 > c_2
m_3_job_3_beginning
m_3_job_2_beginning
success
True
m_3_preempted
True
stop c_2


m_4_
wcet_m_4_job_2 = c_2
m_4_job_2_finishing
m_2_waiting
True
stop c_2
m_2_job_2_beginning
c_2 := 0
m_2_running
wcet_m_2_job_2 >= c_2
wcet_m_2_job_2 > c_2
m_2_job_1_beginning
wcet_m_2_job_2 > c_2
m_2_job_3_beginning
m_2_job_2_beginning
m_2_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
_3_beginning
_2_job_3_beginning
wcet_m_
m_4_job
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_1_job_2_beginning
m_0_job_3_beginning
c_3 := 0
m_0_running
wcet_m_0_job_3 >= c_3
wcet_m_0_job_3 > c_3
m_2_job_2_beginning
wcet_m_0_job_3 > c_3
m_0_job_1_beginning
wcet_m_0_job_3 > c_3
m_0_job_2_beginning
m_0_job_3_beginning
m_0_preempted
True
stop c_3
m_3_job_2
b_3_beginning


job_2
m_4_waiting
True
stop c_2
m_4_job_2_beginning
c_2 := 0
running
wcet_m_4_job_2 >= c_2
wcet_m_4_job_2 > c_2
m_0_job_1_beginning
m_3_job_1_beginning
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
wcet_m_4_job_2 > c_2
m_4_job_1_beginning
wcet_m_4_job_2 > c_2
m_4_job_3_beginning
m_4_job_2_beginning
m_4_preempted
True
stop c_2
wcet_m_2_job_3 = c_3
m_2_job_3_finishing
m_4_waiting
True
stop c_3
m_4_job_3_beginning
c_3 := 0
m_4_running
wcet_m_4_job_3 >= c_3
wcet_m_4_job_3 > c_3
m_0_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
4_job_3 = c_3
3_finishing
wcet_m_4_job_3 > c_3
m_4_job_1_beginning
wcet_m_4_job_3 > c_3
m_4_job_2_beginning
m_4_job_3_beginning
m_4_preempted
True
stop c_3
m_3_waiting
True
stop c_3
m_3_job_3_beginning
c_3 := 0
wcet_m_0_job_3 > c_3
m_4_job_2_beginning
wcet_m_0_job_3 = c_3
m_0_job_3_finishing
m_3_running
wcet_m_3_job_3 >= c_3
wcet_m_3_job_3 > c_3
m_4_job_1_beginning
m_0_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
m_4_job_2_beginning
wcet_m_3_job_3 = c_3
m_3_job_3_finishing
wcet_m_3_job_3 > c_3
m_3_job_1_beginning
wcet_m_3_job_3 > c_3
m_3_job_2_beginning
m_3_job_3_beginning
success
True
m_3_preempted
True
stop c_3


wcet_m_1_job_3 = c_3
m_1_job_3_finishing
m_2_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_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_4_job_2_b
m_2_job_3_beginning
c_3 := 0
m_2_running
wcet_m_2_job_3 >= c_3
wcet_m_2_job_3 > c_3
m_4_job_1_beginning
m_0_job_2_beginning
m_1_job_2_beginning
m_3_job_2_beginning
m_4_job_2_beginning
wcet_m_2_job_3 > c_3
m_2_job_1_beginning
wcet_m_2_job_3 > c_3
m_2_job_2_beginning
m_2_job_3_beginning
m_2_preempted
True
stop c_3
m_3_job
_2_beginning
_3_job_2_beginning
m_4_job_2_beginning
_job_2_beginning
_beginning
m_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
wcet_m_1_job_3 >= c_3
wcet_m_1_job_3 > c_3
m_0_job_1_beginning
wcet_m_1_job_3 > c_3
m_2_job_1_beginning
wcet_m_1_job_3 > c_3
m_3_job_1_beginning
wcet_m_1_job_3 > c_3
m_4_job_1_beginning
wcet_m_1_job_3 > c_3
m_0_job_2_beginning
wcet_m_1_job_3 > c_3
m_2_job_2_beginning
wcet_m_1_job_3 > c_3
m_3_job_2_beginning
wcet_m_1_job_3 > c_3
m_4_job_2_beginning
wcet_m_1_job_3 > c_3
m_1_job_1_beginning
wcet_m_1_job_3 > c_3
m_1_job_2_beginning
m_1_job_3_beginning
eginning
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
_2_beginning
m_4_job_2_beginning