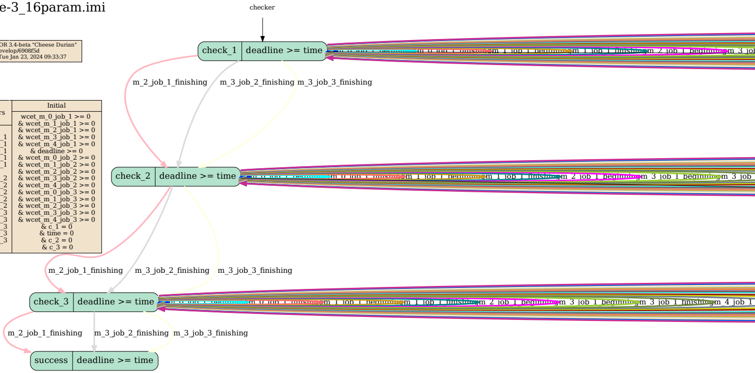
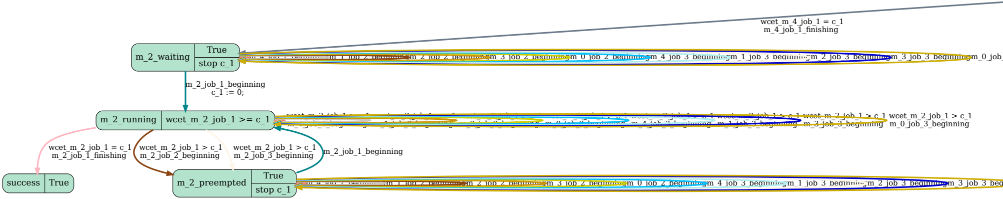
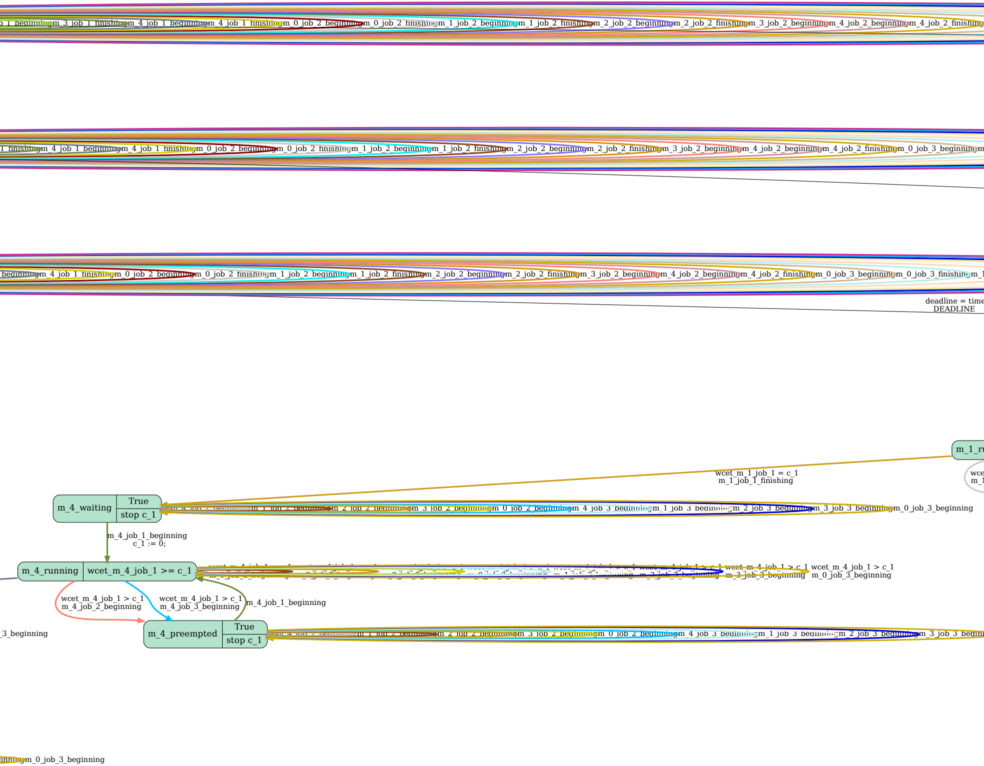
LA02_deadline-3_16param.imi

Generated by IMITATOR 3.4-beta "Cheese Durian"
Build: develop/6908f5d
Generation time: Tue Jan 23, 2024 09:33:37

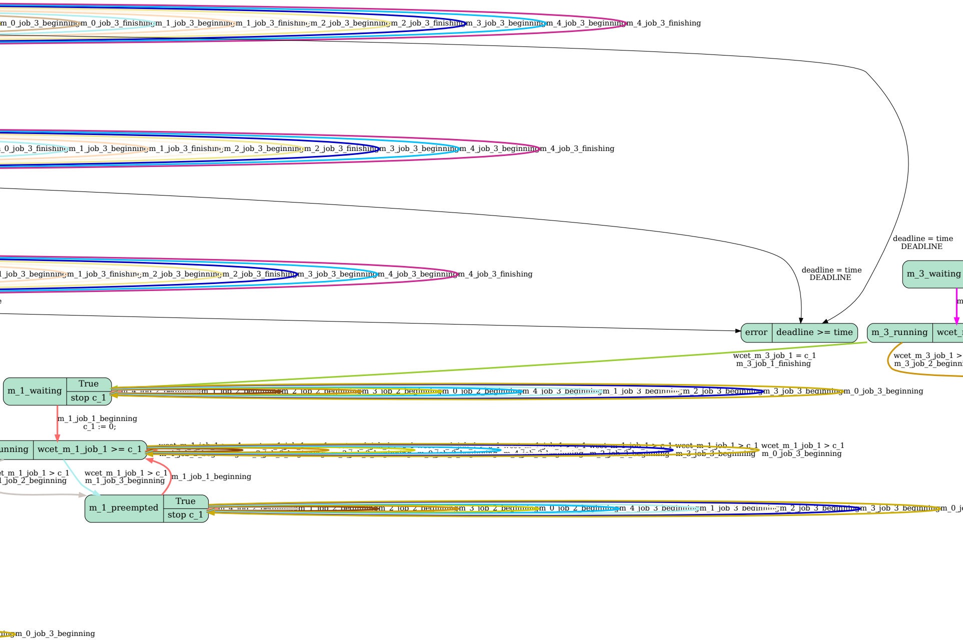
4 clocks	16 parameters	Initial
c_1 time c_2 c_3	wcet_m_0_job_1 wcet_m_1_job_1 wcet_m_2_job_1 wcet_m_3_job_1 wcet_m_4_job_1 deadline wcet_m_0_job_2 wcet_m_1_job_2 wcet_m_2_job_2 wcet_m_3_job_2 wcet_m_4_job_2 wcet_m_0_job_3 wcet_m_1_job_3 wcet_m_2_job_3 wcet_m_3_job_3 wcet_m_4_job_3	wcet_m_0_job_1 >= 0 & wcet_m_1_job_1 >= 0 & wcet_m_2_job_1 >= 0 & wcet_m_3_job_1 >= 0 & wcet_m_4_job_1 >= 0 & deadline >= 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

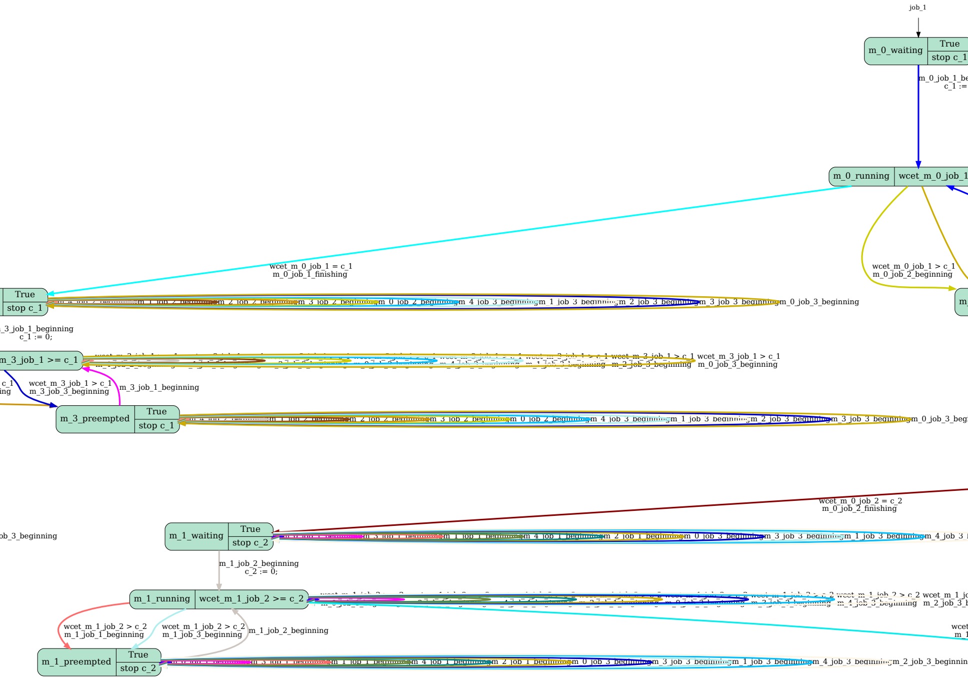

checker
check_1 | deadline >= time
m_2_job_1_finishing
m_3_job_2_finishing
m_3_job_3_finishing
check_2 | deadline >= time
m_2_job_1_finishing
m_3_job_2_finishing
m_3_job_3_finishing
check_3 | deadline >= time
m_2_job_1_finishing
m_3_job_2_finishing
m_3_job_3_finishing
success | deadline >= time
m_1_job_1_beginning
m_1_job_1_finishing
m_2_job_1_beginning
m_3_job_1_beginning
m_3_job_1_finishing
m_4_job_1

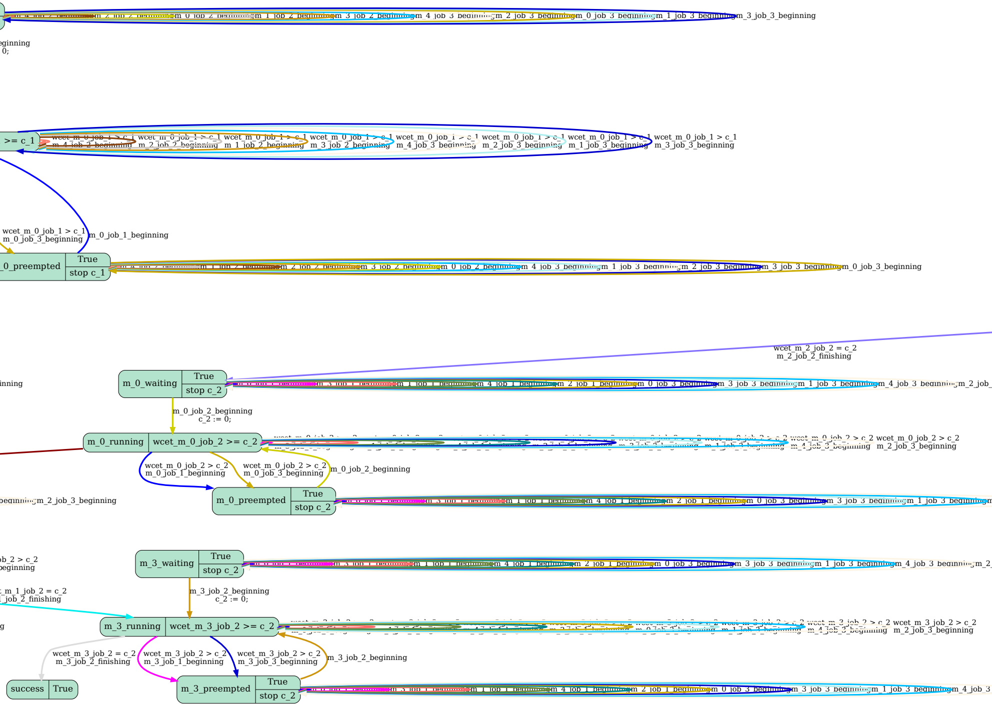

wcet_m_4_job_1 = c_1
m_4_job_1_finishing
m_2_waiting | True | stop c_1
m_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_0_job_2_beginning
m_4_job_3_beginning
m_1_job_3_beginning
m_2_job_3_beginning
m_3_job_3_beginning
m_0_job_
m_2_job_1_beginning
c_1 := 0;
m_2_running | wcet_m_2_job_1 >= c_1
wcet_m_2_job_1 > c_1
wcet_m_2_job_1 > c_1
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_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

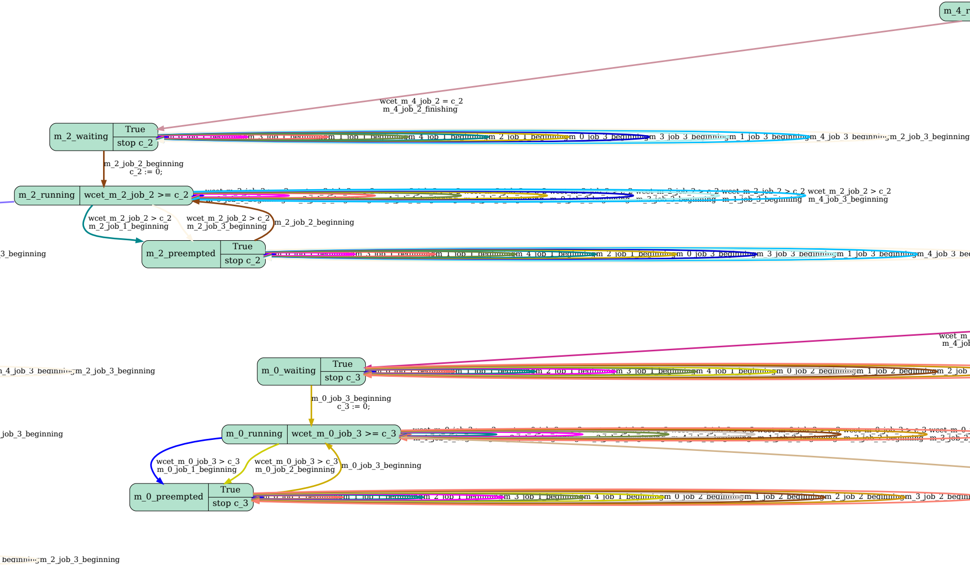


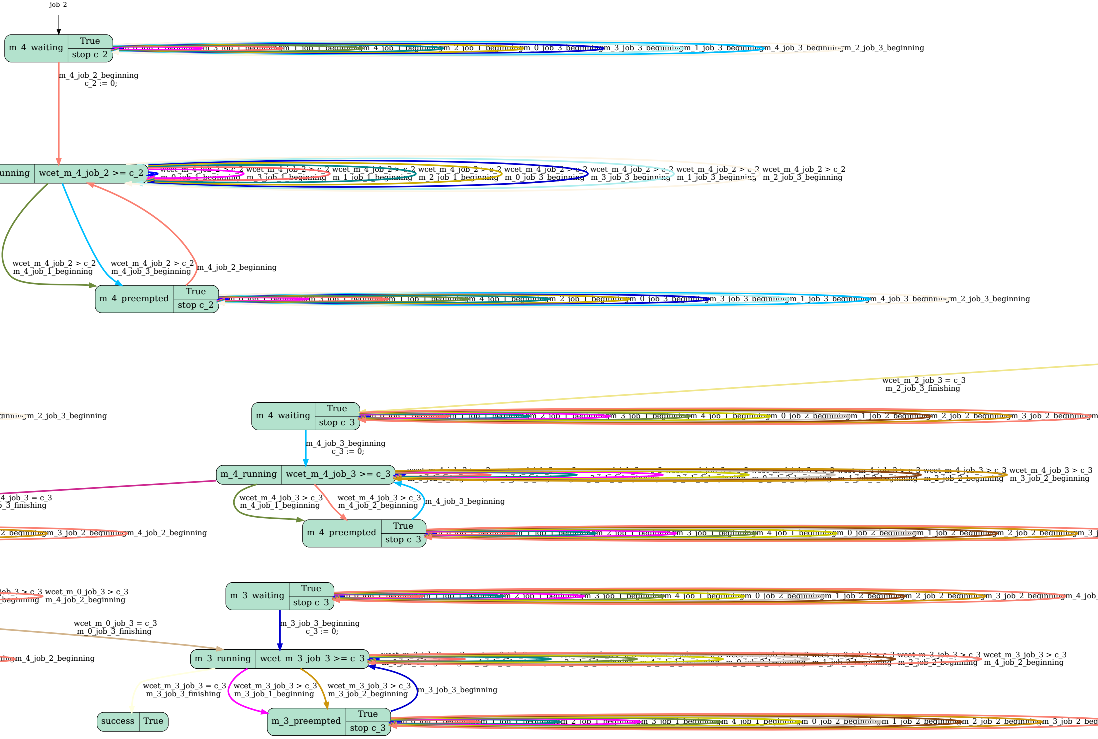
m_3_job_1_finishing
m_4_job_1_beginning
m_4_job_1_finishing
m_0_job_2_beginning
m_0_job_2_finishing
m_1_job_2_beginning
m_1_job_2_finishing
m_2_job_2_beginning
m_2_job_2_finishing
m_3_job_2_beginning
m_4_job_2_beginning
m_4_job_2_finishing
m_0_job_3_beginning
m_0_job_3_finishing
deadline = time
DEADLINE
m_1_ru
wcet_m_1_job_1 = c_1
m_1_job_1_finishing
m_4_waiting
True
stop c_1
m_4_job_1_beginning
c_1 := 0;
m_4_running
wcet_m_4_job_1 >= c_1
wcet_m_4_job_1 > c_1
m_4_job_3_beginning
m_1_job_3_beginning
m_2_job_3_beginning
m_3_job_3_beginning
m_4_job_2_beginning
m_4_preempted

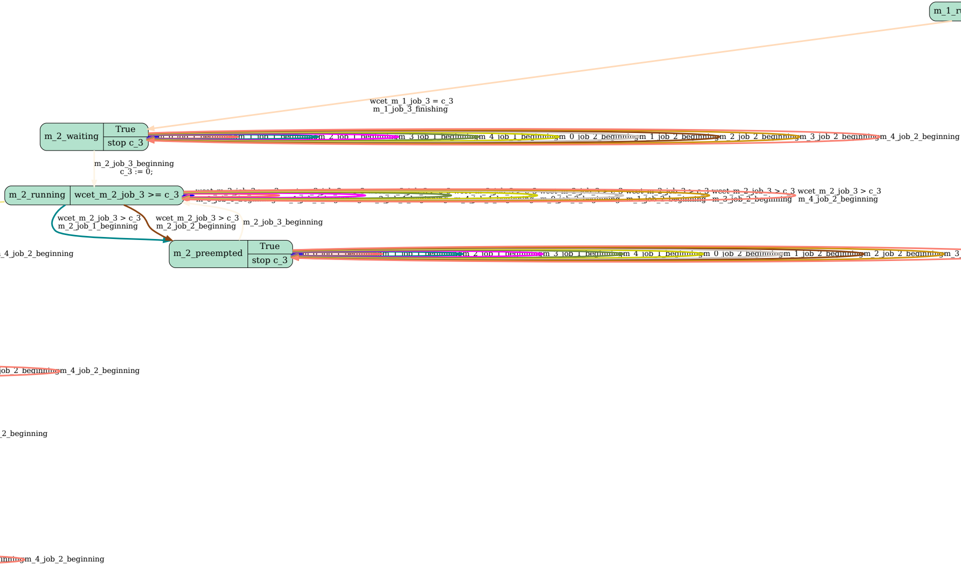

m_0_job_3_beginning
m_0_job_3_finishing
m_1_job_3_beginning
m_1_job_3_finishing
m_2_job_3_beginning
m_2_job_3_finishing
m_3_job_3_beginning
m_4_job_3_beginning
m_4_job_3_finishing
deadline = time
DEADLINE
m_3_waiting
error
deadline >= time
m_3_running
wcet_m_3_job_1 = c_1
m_3_job_1_finishing
wcet_m_3_job_1 >
m_3_job_2_beginni
m_1_waiting
True
stop c_1
m_1_job_1_beginning
c_1 := 0;
wcet_m_1_job_1 >= c_1
wcet_m_1_job_1 > c_1
m_0_job_3_beginning
m_1_job_2_beginning
m_1_job_3_beginning
m_1_preempted

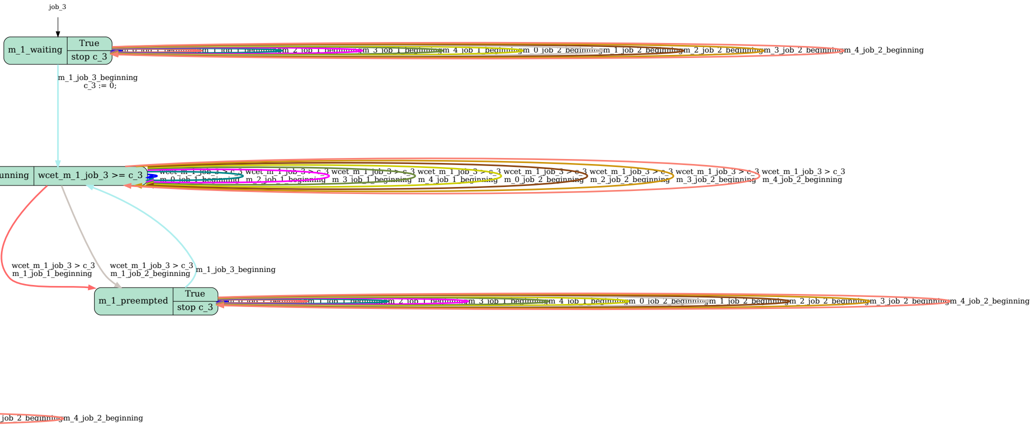

job_1
m_0_waiting
True
stop c_1
m_0_job_1_be
c_1 :=
m_0_running
wcet_m_0_job_1
wcet_m_0_job_1 = c_1
m_0_job_1_finishing
wcet_m_0_job_1 > c_1
m_0_job_2_beginning
True
stop c_1
m_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_0_job_2_beginning
m_4_job_3_beginning
m_1_job_3_beginning
m_2_job_3_beginning
m_3_job_3_beginning
m_0_job_3_beginning
_3_job_1_beginning
c_1 := 0;
m_3_job_1 >= c_1
wcet_m_3_job_1 > c_1
m_2_job_3_beginning
m_0_job_3_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
wcet_m_0_job_2 = c_2
m_0_job_2_finishing
ob_3_beginning
m_1_waiting
True
stop c_2
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_jo
m_0_job_3_beginning
m_4_job_3_beginning
m_2_job_3_b
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_beginnin


m_3_job_3_beginning
eginning
0;
>= c_1
wcet_m_0_job_1 > c_1
m_3_job_3_beginning
wcet_m_0_job_1 > c_1
m_0_job_3_beginning
m_0_job_1_beginning
_0_preempted
True
stop c_1
m_0_job_3_beginning
wcet_m_2_job_2 = c_2
m_2_job_2_finishing
inning
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_2_job_3_beginning
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_2_job_3_beginning
m_0_preempted
True
stop c_2
ob_2 > c_2
beginning
m_3_waiting
True
stop c_2
_m_1_job_2 = c_2
_job_2_finishing
m_3_job_2_beginning
c_2 := 0;
g
m_3_running
wcet_m_3_job_2 >= c_2
wcet_m_3_job_2 > c_2
m_2_job_3_beginning
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_r
wcet_m_4_job_2 = c_2
m_4_job_2_finishing
m_2_waiting
True
stop c_2
m_2_job_3_beginning
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_4_job_3_beginning
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
3_beginning
m_0_waiting
True
stop c_3
m_2_job_3_beginning
m_0_job_3_beginning
c_3 := 0;
m_0_running
wcet_m_0_job_3 >= c_3
job_3_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_2_job_3_beginning


job_2
m_4_waiting
True
stop c_2
m_4_job_2_beginning
c_2 := 0;
m_4_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
m_4_job_3_beginning
m_4_job_1_beginning
m_4_preempted
wcet_m_2_job_3 = c_3
m_2_job_3_finishing
stop c_3
m_4_job_3_beginning
c_3 := 0;
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
m_4_job_2_beginning
m_3_waiting
wcet_m_0_job_3 = c_3
m_0_job_3_finishing
wcet_m_0_job_3 > c_3
m_3_job_3_beginning
m_3_running
wcet_m_3_job_3 >= c_3
wcet_m_3_job_3 > c_3
wcet_m_3_job_3 = c_3
m_3_job_3_finishing
success
m_3_preempted


m_1_r
wcet_m_1_job_3 = c_3
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
wcet_m_2_job_3 >= c_3
wcet_m_2_job_3 > c_3
m_3_job_2_beginning
wcet_m_2_job_3 > c_3
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
_4_job_2_beginning
job_2_beginning
m_4_job_2_beginning
_2_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;
unning
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
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
job_2_beginning
m_4_job_2_beginning