wait

start
can_start?

choose
preconditions

probability_success

main
local_time <= run_time &&
concurrent_constraints &&
resources_constraints

local_time == run_time &&
concurrent_constraints &&
resources_constraints

main_done

end

local_time = 0,
running = true

run_time ∈ Ds()

goal,
side_effect,
running = false

!concurrent_constraint_i1

trap_concurrent_i1

running = false

!resource_constraint_i2

trap_resource_i2

running = false

failure_i3
probability_failure_i3   local_time == run_time

trap_failure_i3

run_time ∈ Df_i3()   running = false

repeat_wait
local_time <= repeat_timeout

(true == repeat) &&
(false == repeat_terminate)

local_time == repeat_timeout

local_time = 0

(false == repeat) ||
((true == repeat) && (true == repeat_terminate))
run_scheduler!

repeat_terminate = false