

MACHINE machine0

SEES contexte0

VARIABLES

nt

INVARIANTS

inv1: $nt \in \mathbb{N}$

inv2: $nt \leq ntmax$

DLF0: $\langle \text{theorem} \rangle nt < ntmax \vee nt > 0$

EVENTS

Initialisation

begin

act1: $nt := 0$

end

Event decoller $\langle \text{ordinary} \rangle \hat{=}$

when

grd1: $nt > 0$

then

act1: $nt := nt - 1$

end

Event atterrir $\langle \text{ordinary} \rangle \hat{=}$

when

grd1: $nt < ntmax$

then

act1: $nt := nt + 1$

end

END