

EXTENDS *Integers*

VARIABLES i, pc

$Init \triangleq (pc = \text{"start"}) \wedge (i = 0)$

$Pick \triangleq \vee \wedge pc = \text{"start"} \\ \wedge i' \in 0 \dots 1000 \\ \wedge pc' = \text{"middle"}$

$Add1 \triangleq \\ \vee \wedge pc = \text{"middle"} \\ \wedge i' = i + 1 \\ \wedge pc' = \text{"done"}$

$Next \triangleq Pick \vee Add1$

* Modification History
 * Last modified *Tue Jan 30 14:30:51 IST 2024* by *neerajkrishnan*
 * Created *Tue Jan 30 00:36:08 IST 2024* by *neerajkrishnan*