
MODULE *SimpleProgram*

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 Jul 23 14:32:03 CST 2024* by *liubang01*
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