
MODULE *SimpleProgram*

EXTENDS *Integers*
 VARIABLES i, pc

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

$Pick \triangleq \begin{array}{l} \wedge pc = \text{"start"} \\ \wedge i' \in 0 \dots 1000 \\ \wedge pc' = \text{"middle"} \end{array}$

$Add1 \triangleq \begin{array}{l} \wedge pc = \text{"middle"} \\ \wedge i' = i + 1 \\ \wedge pc' = \text{"done"} \end{array}$

$Next \triangleq Pick \vee Add1$

* Modification History
 * Last modified *Thu Nov 14 13:41:06 EST 2019* by *isaac*
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