

	MODULE <i>SimpleModule</i>	
EXTENDS <i>Integers</i> VARIABLES <i>i</i> , <i>pc</i> $Init \triangleq \begin{array}{l} \wedge pc = \text{"start"} \\ \wedge i = 0 \end{array}$ $Pick \triangleq \begin{array}{l} \wedge pc = \text{"start"} \\ \wedge i' \in 0 \dots 1000 \\ \wedge pc' = \text{"middle"} \end{array}$ $Add1 \triangleq \begin{array}{l} \wedge pc = \text{"middle"} \\ \wedge i' = i + 1 \\ \wedge pc' = \text{"done"} \end{array}$ $Next \triangleq Pick \vee Add1$		