

MODULE *TLCUtils*

Utilities to the *TLC* standard module.

EXTENDS *Naturals*, *TLC*

Help to count how many times *TLC* evaluates an expression. It also prints the counter with user-specified description whenever it divides multiplier.

ASSUME (*TLCSet*(*i*,  $\langle \text{"Description"}, 0 \rangle$ ))

WARNING: Only approximate count is given in multi-threaded context.

$TLCCnt(i, multiplier) \triangleq$   
 $\wedge TLCSet(i, [TLCGet(i) \text{ EXCEPT } ![2] = @ + 1])$   
 $\wedge (TLCGet(i)[2] \% multiplier = 0) \Rightarrow PrintT(TLCGet(i))$

\ \* Modification History

\ \* Last modified *Mon Dec 03 20:15:57 CST 2018* by anonymous

\ \* Created *Thu Oct 11 19:50:44 CST 2018* by anonymous