─── 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 $(TLCSet(i, \langle\text{“}Description\text{”}, 0\rangle))$

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

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

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