
MODULE *ot*

EXTENDS *Integers*

CONSTANTS *POS*

$Intervals \triangleq \{ \langle a, b \rangle \in POS \times POS : a \leq b \}$

$IntervalPS \triangleq \text{SUBSET } Intervals$

$NonOverlappingIntervals \triangleq \{ ints \in \text{SUBSET } Intervals : \forall i, j \in ints : \\ i[2] < j[1] \vee j[2] < i[1] \}$

\ * Modification History
\ * Last modified Sat *Apr* 28 22:51:46 *CST* 2018 by *hengxin*
\ * Created Sat *Apr* 28 20:51:31 *CST* 2018 by *hengxin*