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----- MODULE PCalOneBitClock -----
*****
--algorithm Clock{
  variable  $b \in \{0, 1\}$ ;
  { while ( TRUE ) { if (  $b = 0$  )  $b := 1$  else  $b := 0$ 
                                }
  }
}
*****

BEGIN TRANSLATION
VARIABLE  $b$ 

 $vars \triangleq \langle b \rangle$ 

 $Init \triangleq$  Global variables
              $\wedge b \in \{0, 1\}$ 

 $Next \triangleq$  IF  $b = 0$ 
              THEN  $\wedge b' = 1$ 
              ELSE  $\wedge b' = 0$ 

 $Spec \triangleq Init \wedge \Box[Next]_{vars}$ 

END TRANSLATION
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\* Modification History
\* Last modified Thu May 29 15:14:15 CST 2014 by yaojingguo
\* Created Thu May 29 15:08:52 CST 2014 by yaojingguo

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