
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

\ * Modification History
 \ * Last modified Sun Feb 16 08:54:51 PST 2014 by bbeckman
 \ * Created Sun Feb 16 08:53:40 PST 2014 by bbeckman