

```

|----- MODULE Clock -----|

LOCAL INSTANCE Naturals

  The current time
VARIABLE time

|-----|

Tick  $\triangleq$ 
   $\wedge \textit{time}' = \textit{time} + 1$ 

Time  $\triangleq \textit{time}$ 

|-----|

Init  $\triangleq$ 
   $\wedge \textit{time} = 0$ 

Next  $\triangleq$ 
   $\vee \textit{Tick}$ 

|-----|

\ * Modification History
\ * Last modified Fri Aug 20 02:19:09 PDT 2021 by jordanhalterman
\ * Created Fri Aug 20 02:18:01 PDT 2021 by jordanhalterman

```