



chrono.fsm

```
-- Model of a (very) simple stop watch :  
-- - H gives seconds  
-- - counting starts and stops at each occurrence of [startstop]  
  
fsm model chrono(  
  in h: event,  
  in startstop: event,  
  out aff: int)  
{  
  states: Stopped, Running;  
  vars: ctr: int;  
  trans:  
    | Stopped -> Running on startstop with ctr:=0, aff:=0  
    | Running -> Running on h with ctr:=ctr+1, aff:=ctr  
    ! Running -> Stopped on startstop;  
  itrans:  
    | -> Stopped;  
}
```

Reading C:/Program Files/Rfsm/rfsm.ini

COMPILER=C:\Program Files\Rfsm\bin\rfsmc.exe

DOTPROGRAM=C:\Program Files\Graphviz\bin\dot.exe

DOTVIEWER=C:\Program Files\Graphviz\bin\dotty.exe

VCDVIEWER=C:\Program Files\Gtkwave\bin\gtkwave.exe

Opening file C:/Users/JS/Documents/RfsmExamples/single/chrono/chrono.fsm