



ctrl.fsm*

```
fsm model ctrl<D:int> (  
  in Top: event,  
  in Clic: event,  
  out SimpleClic: event,  
  out DoubleClic: event)  
{  
  states: Idle, Wait;  
  vars: ctr: int<0..D>;  
  trans:  
    Idle -- Clic | ctr:=0 -> Wait,  
    Wait -- Clic | DoubleClic -> Idle,  
    Wait -- Top.ctr<D-1 | ctr:=ctr+1 -> Wait,  
    Wait -- Top.ctr=D-1 | SimpleClic -> Idle;  
  itrans: -> Idle;  
}  
  
input Clk: event = periodic(10,10,120)  
input Clic: event = sporadic(25,75,95)  
output SClic: event  
output DClic: event  
  
fsm c1 = ctrl<5>(Clk,Clic,SClic,DClic)
```

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