

Main application thread

c <- sync
newSChan

forkIO
(*stateLoop* *c*)

sync
(*sendEvt* *c* *x*)

State management thread

stateLoop *c*
(state = *s*)

x <- sync
(*recvEvt* *c*)

s' <-
process *x* *s*

stateLoop *c*
(state = *s'*)