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```
CML
spawn : (unit -> unit) -> thread_id
spawns a thread running a function
channel: unit -> 'a chan
creates a channel for passing information
send(c,v)
sends value \mathbf{v} on channel \mathbf{c}
recv(c,v)
attemps to receive value \mathbf{v} on channel \mathbf{c} – waits until it gets a value
What does this do?
fun foo(inch, ouch)=
 (send(ouch, true);
  let
    val x = recv inch
    val (on, back) = (channel(), channel())
    fun loop()=
     while true do
       let
         val y = recv inch
         send(ouch, (recv back) and also (x = y));
         send(on, y)
       end
  in
   send(ouch, true)
   spawn loop;
   spawn(fn ( ) => foo(on, back));
 end);
```