

## **rcv-it-loc**<sup>11,40</sup>

$\forall es:ES, ff:FIFO, p:(E \rightarrow \mathbb{P}), e:E, sndr, rcvr:ff.C.$   
 $(ff.C \subseteq_r Id)$   
 $\Rightarrow (\forall i:ff.C, e:E. (ff.R(i,e)) \Rightarrow (loc(e) = i \in Id))$   
 $\Rightarrow [e: sndr \leftarrow p \dashv\vdash rcvr]$   
 $\Rightarrow (loc(e) = sndr \in Id)$