

## **f2f+-pred-generates-thread**<sup>11,40</sup>

$\forall es:ES, ff:FIFO, f2f+:F2F+-decls.$   
 $\text{plus-ify}\{i:l\}(es;ff;is\_req ;is\_ack ;awaiting ;owes\_ack )$   
 $\Rightarrow (\forall sdr, rcvr:ff.C.$   
     $\text{single-thread-generator}\{i:l\}(es;\lambda e.[e: sdr \dashv\vdash is\_req \rightarrow rcvr]$   
     $\vee [e: rcvr \dashv\vdash is\_ack \rightarrow sdr];\lambda e,e'. f2f+-pred(e,e'))$