

## trigger-send<sup>11,40</sup>

```
trigger-send( $A; ds; x; cond; l; tg$ )
≡def Rsend( $ds; x; cond.1; l; \text{if isrcv}(l; x)$ )
  then  $tg : A \oplus \text{tag}(x) : cond.1$ 
  else  $tg : A$ 
  fi ; [ $<tg$ 
    ,  $\lambda s, v. \text{if can-apply}(\lambda p. \text{let } s, v = p \text{ in } (cond.2)(s, v); <s, v>)$ 
    then  $[\text{do-apply}(\lambda p. \text{let } s, v = p \text{ in } (cond.2)(s, v); <s, v>)]$ 
    else  $[]$ 
    fi
  >])
```

*clarification:*

```
trigger-send( $A; ds; x; cond; l; tg$ )
≡def Rsend( $ds; x; cond.1; l; \text{if isrcv}(l; x)$ )
  then  $\text{fpf-join}(\text{IdDeq}; tg : A; \text{tag}(x) : cond.1)$ 
  else  $tg : A$ 
  fi ; [ $<tg$ 
    ,  $\lambda s, v. \text{if can-apply}(\lambda p. \text{let } s, v = p \text{ in } (cond.2)(s, v); <s, v>)$ 
    then  $[\text{do-apply}(\lambda p. \text{let } s, v = p \text{ in } (cond.2)(s, v); <s, v>) / []]$ 
    else  $[]$ 
    fi
  > /
  [])
```