

## receives\_wf<sup>0,22</sup>

$\forall E, X_1, X_2:\text{Type}, dE:\text{EqDecider}(E), dL:\text{EqDecider}(\text{IdLnk}), pred?:(E \rightarrow (E + \text{Unit})),$   
 $info:(E \rightarrow (\text{Id} \times X_1 + (\text{IdLnk} \times E) \times X_2)),$   
 $p:(\forall e:E, l:\text{IdLnk}.$   
     $\exists e':E.$   
     $\forall e'':E.$   
     $\text{rcv?}(e'')$   
     $\Rightarrow \text{sender}(e'') = e$   
     $\Rightarrow \text{link}(e'') = l$   
     $\Rightarrow e'' = e' \vee e'' < e' \ \& \ \text{loc}(e') = \text{destination}(l) \in \text{Id}, e:E, l:\text{IdLnk}.$   
 $\text{SWellFounded}(\neg \text{first}(y) \ \& \ x = \text{pred}(y) \in E)$   
 $\Rightarrow \text{receives}(dE;dL;pred?;info;p;e;l) \in \{r:E \mid \text{rcv-from-on}(dE;dL;info;e;l;r)\}$  List