

## **l.before\_eventlist**<sup>11,40</sup>

$\forall E, X_1, X_2:\text{Type}, \text{pred?}:(E \rightarrow (?E)), \text{info}:(E \rightarrow ((:\text{Id} \times X_1) + (:(:\text{IdLnk} \times E) \times X_2))), r_1, r_2,$   
 $x:E.$   
 $\text{SWellFounded}((\neg(\uparrow\text{first}(y))) \text{c} \wedge (x = \text{pred}(y)))$   
 $\Rightarrow r_2 \text{ before } r_1 \in \text{eventlist}(\text{pred?};x)$   
 $\Rightarrow r_2 < r_1$