

## R-sends-rule<sup>11,40</sup>

$$\begin{aligned} & \forall k:\text{Kind}, T:\text{Type}, l:\text{IdLnk}, ds, dt:\text{fpf}(\text{Id}; tg.\text{Type}), \\ & g:((tg:\text{Id} \times (\text{decl-state}(ds) \rightarrow T \rightarrow (\text{decl-type}\{i:l\}(dt; tg) \text{List}))) \text{List}). \\ & ((\uparrow\text{srcv}(k)) \\ \Rightarrow & ((\text{destination}(\text{lnk}(k)) = \text{source}(l) \in \text{Id}) \\ & \wedge ((\uparrow\text{eq\_lnk}(\text{lnk}(k); l) \Rightarrow (T = \text{decl-type}\{i:l\}(dt; \text{tag}(k)))))) \\ \Rightarrow & \text{normal-ds}\{i:l\} \\ & (ds) \\ \Rightarrow & \text{normal-type}\{i:l\} \\ & (T) \\ \Rightarrow & \text{normal-ds}\{i:l\} \\ & (dt) \\ \Rightarrow & \text{R-realizes}\{i:l\} \\ & (\text{Rsends}(ds; k; T; l; dt; g); es.\text{sends-p}(es; ds; k; T; l; dt; g)) \end{aligned}$$