

cr-explanation-step^{13,45}

$$\begin{aligned} & \forall es:ES, Cmd:Type, In:AbsInterface(Cmd), Sys:AbsInterface(Top). \\ & (E(In) \subseteq_r E(Sys)) \\ \Rightarrow & (\forall f:\text{sys-antecedent}(es;Sys). \\ & (\forall u:E(Sys). (f(u) = u \in E) \Rightarrow (\uparrow(u \in_b In))) \\ \Rightarrow & (\forall e:E(Sys). \\ & \text{cr-explanation}\{i:l\} \\ & \quad (es; Sys; f; e) \\ = & \\ & \text{cr-explanation}\{i:l\} \\ & \quad (es; Sys; f; (f(e))) \\ \in & (E(In) \text{ List})) \end{aligned}$$