

ecl-trans-property^{11,40}

$$\begin{aligned} & \forall ds:\text{fpf}(\text{Id}; x.\text{Type}), da:\text{fpf}(\text{Knd}; k.\text{Type}), x:\text{ecl}(ds; da), L:(\text{event-info}(ds; da) \text{ List}). \\ & (\text{ecl-trans-normal}(\text{ecl-trans}(x))) \\ & \wedge (\forall n:\mathbb{N}^+. \\ & \quad (\text{ecl-trans-halt2}(ds; da; \text{ecl-trans}(x))(n, L)) \Rightarrow (n \in \text{ecl-trans-es}(\text{ecl-trans}(x)))) \\ & \wedge (\forall n:\mathbb{N}. \\ & \quad (\exists L':\text{event-info}(ds; da) \text{ List} \\ & \quad \quad (\text{iseg}(\text{event-info}(ds; da); L'; L) \wedge (\text{ecl-halt}(ds; da; x)(n, L')))) \\ & \quad \quad \iff (\text{ecl-trans-halt2}(ds; da; \text{ecl-trans}(x))(n, L))) \\ & \wedge (\forall m:\mathbb{N}. (\text{ecl-act}(ds; da; m; x)(L)) \iff (\text{ecl-trans-act}(ds; da; \text{ecl-trans}(x))(m, L))) \end{aligned}$$