

cless-eq-loc^{0,22}

$\forall E, X_1, X_2:\text{Type}, \text{info}:(E \rightarrow (\text{Id} \times X_1 + (\text{IdLnk} \times E) \times X_2)), \text{pred}?:(E \rightarrow (E + \text{Unit})).$
 $\text{SWellFounded}(\text{pred}!(e; e'))$
 $\Rightarrow (\forall e:E. \neg \text{first}(e) \Rightarrow \text{loc}(\text{pred}(e)) = \text{loc}(e) \in \text{Id})$
 $\Rightarrow (\forall e, e':E. \text{loc}(e) = \text{loc}(e') \in \text{Id} \Rightarrow \text{pred}?(e) = \text{pred}?(e') \Rightarrow e = e')$
 $\Rightarrow (\forall e, e':E.$
 $\text{loc}(e) = \text{loc}(e') \in \text{Id} \Rightarrow e < e' \Rightarrow (e \lambda x, y. \neg \text{first}(y) \ \& \ x = \text{pred}(y) \in E^{\wedge} + e'))$