

once-p^{11,40}

@i locl(a) occurs once

$$\begin{aligned} \equiv_{\text{def}} & \exists e @i. \text{es-kind}(es; e) = \text{locl}(a) \\ & \wedge \text{alle-at}(es; \\ & \quad i; \\ & \quad e. \text{alle-at}(es; \\ & \quad \quad i; \\ & \quad \quad e'. ((\text{es-kind}(es; e) = \text{locl}(a)) \\ & \quad \quad \Rightarrow (\text{es-kind}(es; e') = \text{locl}(a)) \\ & \quad \quad \Rightarrow (e = e')))) \end{aligned}$$

clarification:

once-p(es; i; a)

$$\begin{aligned} \equiv_{\text{def}} & \text{existse-at}(es; i; e. (\text{es-kind}(es; e) = \text{locl}(a) \in \text{Knd})) \\ & \wedge \text{alle-at}(es; \\ & \quad i; \\ & \quad e. \text{alle-at}(es; \\ & \quad \quad i; \\ & \quad \quad e'. ((\text{es-kind}(es; e) = \text{locl}(a) \in \text{Knd}) \\ & \quad \quad \Rightarrow (\text{es-kind}(es; e') = \text{locl}(a) \in \text{Knd}) \\ & \quad \quad \Rightarrow (e = e' \in \text{es-E}(es)))) \end{aligned}$$