

previous-round-start^{11,40}

$\forall es:\text{ES}, x, free:\text{Id}, n:\mathbb{N}, e:\text{E}.$

$@\text{loc}(e)(x:\text{Id})$

$\Rightarrow (\neg((x \text{ after } e) = (x \text{ when } e) \in \text{Id}))$

$\Rightarrow (0 < n)$

$\Rightarrow (n \leq \text{round}(e))$

$\Rightarrow (\exists e':\text{E}$

$(e' \leq_{\text{loc}} e \ \& \ \text{rank}(e') = \langle n, 0 \rangle \in (\mathbb{N} \times \mathbb{N}) \ \& \ (\neg((x \text{ after } e') = (x \text{ when } e') \in \text{Id})))$