

did-forward^{13,45}

$\text{did-forward}(es; Sys; f; e) \equiv_{\text{def}} \exists a:\mathbb{E}(Sys). (f(a) = e \ \& \ (\neg(\text{loc}(f(a)) = \text{loc}(a))))$

clarification:

$\text{did-forward}(es; Sys; f; e)$
 $\equiv_{\text{def}} \exists a:\text{es-E-interface}(es; Sys)$
 $(f(a) = e \in \text{es-E}(es) \ \& \ (\neg(\text{es-loc}(es; (f(a)))) = \text{es-loc}(es; a) \in \text{Id}))$