

change-to-lemma^{11,40}

$\forall T:\text{Type}.$

$(\forall x,y:T. \text{decidable}((x = y)))$

$\Rightarrow (\forall es:\text{event_system}\{i:l\}, e:\text{es-E}(es), x:\text{Id}.$

$\text{es-dtype}(es; \text{loc}(e); x; T)$

$\Rightarrow (\forall e' \leq e. \text{es-when}(es; x; e') = \text{es-when}(es; x; e) \in T$

$\vee \exists e' < e. @e'(x \rightarrow \text{es-when}(es; x; e))$

$\wedge \forall e'' \in (e', e]. \text{es-when}(es; x; e'') = \text{es-when}(es; x; e) \in T))$