member-es-hist[11,40]

$\forall ds$:fpf(Id; x.Type), da:fpf(Knd; k.Type), i:Id, es:event_system{i:l}.
($\forall x$:Id. subtype_rel(es-vartype(es; i; x); fpf-cap(ds; id-deq; x; top)))
$\Rightarrow$ ($\forall e$:es-E(es).
   ($\text{loc}(e) = i$)
   $\Rightarrow$ subtype_rel(es-valtype(es; e); fpf-cap(da; Kind-deq; es-kind(es; e); top)))
$\Rightarrow$ ($\forall e_1, e_2$:es-E(es).
   ($\text{loc}(e_1) = i$)
   $\Rightarrow$ ($\text{loc}(e_2) = i$)
   $\Rightarrow$ ($\forall t$:event-info(ds;da).
     ($t \in$ es-hist{i:l}(es;e_1;e_2)) $\Longleftrightarrow \exists e \in [e_1, e_2].t =$ es-info(es;e)))