## es-trans-state-from_wf[11,40]

$\forall ds$:fpf(Id; $x$.Type), $da$:fpf(Knd; $k$.Type), $es$:event_system{i:l}, $i$:Id, $e_1$,$e_2$:{$e$:es-E($es$)| loc($e$) = $i$} .
(∀$x$:Id. subtype_rel(es-vartype($es$; $i$; $x$); fpf-cap($ds$; id-deq; $x$; top)))
⇒ (∀$e$:es-E($es$).
  (loc($e$) = $i$)
  ⇒ subtype_rel(es-valtype($es$; $e$); fpf-cap($da$; Kind-deq; es-kind($es$; $e$); top)))
⇒ (∀$ks$:(Knd List), $T$:Type, $z$:$T$, $g$:($k$:{$k$:Knd| ($k$ ∈ $ks$)} →decl-state($ds$)→ fpf-cap($da$; Kind-deq; $k$; top)→$T$→$T$).
  es-trans-state-from{i:l}($es$;$ks$;$g$;$z$;$e_1$;$e_2$) ∈ $T$)

http://www.nuprl.org/FDLcontent/p0_963683_/p32_375984_{es-trans-state-from_wf}.html