ecl-trans-reachable[11,40]

ecl-trans-reachable(ds;da;v;L;x)
$\equiv_{\text{def}}$ let T,ks,i,g,h,a,e = v in
$\exists L'$:event-info(ds;da) List
($L' \leq L$
c$\wedge$ (($\|L'\| < \|L\|$)
& x
=
list_accum(x,a.let k,zz = a
in
let s,v = zz
in
if deq-member(KindDeq;k;ks) then g(k,s,v,x) else x fi ;
i;
L')))

clarification:

ecl-trans-reachable(ds;da;v;L;x)
$\equiv_{\text{def}}$ let T,ks,i,g,h,a,e = v in
$\exists L'$:event-info(ds;da) List
($L' \leq L \in$ event-info(ds;da) List
c$\wedge$ (($\|L'\| < \|L\|$)
& x
=
list_accum(x,a.let k,zz = a
in
let s,v = zz
in
if deq-member(KindDeq;k;ks) then g(k,s,v,x) else x fi ;
i;
L')
$\in T$))

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http://www.nuprl.org/FDLcontent/p0_963683_/p51_116826_{ecl-trans-reachable}.html