

ecl-trans-reachable^{11,40}

```

ecl-trans-reachable(ds;da;v;L;x)
≡def let T,ks,i,g,h,a,e = v in
      ∃L':event-info(ds;da) List
      (L' ≤ L
       c ∧ ((||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)
≡def let T,ks,i,g,h,a,e = v in
      ∃L':event-info(ds;da) List
      (L' ≤ L ∈ event-info(ds;da) List
       c ∧ ((||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'))
      ∈ T))

```