

es-trans-state-from^{11,40}

```
es-trans-state-from{i:l}(es;ks;g;z;e1;e2)
≡def list_accum(x,a.spreadn(a;
    k,s,v.if deq-member(Kind-deq; k; ks)
    then g(k,s,v,x)
    else x
    fi );
z;
es-hist{i:l}(es;e1;e2))
```

clarification:

```
es-trans-state-from{i:l}
    (es; ks; g; z; e1; e2)
≡def list_accum(x,a.spreadn(a;
    k,s,v.if deq-member(Kind-deq; k; ks)
    then g(k,s,v,x)
    else x
    fi );
z;
es-hist{i:l}
    (es; e1; e2))
```