state-machine-spec[11,40]

state-machine-spec{i:l}
$(es; C; R; F; I; O)$
$\equiv_{\text{def}}$ $\exists X$:AbsInterface(C)
$\exists Q$:E$\rightarrow$E$\rightarrow \mathbb{P}$
$\exists B$:retrace(es; Q; X)
(Q-R-glued(es; C; ($\lambda e.I(e)$); I; ($\lambda e,e'$. (e <loc e')); X; Q)
& Q-R-glued(es;
R;
($\lambda e.F$(map($\lambda e'.X(e')$;(retracer(B)(e)) @ [e])));
X;
Q;
O;
($\lambda e,e'$. (loc(e) = loc(e')) $\Rightarrow$ (e <loc e'))))

clarification:

state-machine-spec{i:l}
$(es; C; R; F; I; O)$
$\equiv_{\text{def}}$ $\exists X$:AbsInterface(es;C)
$\exists Q$:es-E(es)$\rightarrow$es-E(es)$\rightarrow \mathbb{P}${i}
$\exists B$:retrace(es; Q; X)
(Q-R-glued(es; C; ($\lambda e.I(e)$); I; ($\lambda e,e'$. es-locl(es; e; e')); X; Q)
& Q-R-glued(es;
R;
($\lambda e.F$(map($\lambda e'.X(e')$;(retracer(B)(e)) @ [e / []])));
X;
Q;
O;
($\lambda e,e'$. (es-loc(es; e) = es-loc(es; e') $\in$ Id) $\Rightarrow$ es-locl(es; e; e'))))

http://www.nuprl.org/FDLcontent/p0_963683_/p29_651249_{state-machine-spec}.html