links2Fifo-impl[11,40]

links2Fifo-impl(es;l_1;l_2;A;tg)
$\equiv_{\text{def}}$ $<A$
, A
, $\{i$:Id| $(i = \text{source}(l_1)) \vee (i = \text{destination}(l_1))\}$
, $\lambda i,j,e.$ $\text{loc}(e) = i$
& $\exists e'@j.((\text{kind}(e') = \text{rcv}(l_1,tg)) \vee (\text{kind}(e') = \text{rcv}(l_2,tg)))$ & $\text{sender}(e') = e$
, $\lambda i,e.$ $\text{loc}(e) = i$ & $((\text{kind}(e) = \text{rcv}(l_1,tg)) \vee (\text{kind}(e) = \text{rcv}(l_2,tg)))$
, $\lambda i,x,y.$ $x = y$
, $\cdot >$

clarification:

links2Fifo-impl(es;l_1;l_2;A;tg)
$\equiv_{\text{def}}$ $<A$
, A
, $\{i$:Id| $(i = \text{source}(l_1) \in \text{Id}) \vee (i = \text{destination}(l_1) \in \text{Id})\}$
, $\lambda i,j,e.$ $\text{es-loc}(es;\ e) = i \in \text{Id}$
& $\text{existse-at}(es;$
$j;$
$e'.(((\text{es-kind}(es;\ e') = \text{rcv}(l_1,tg) \in \text{Knd})$
$\vee\ (\text{es-kind}(es;\ e') = \text{rcv}(l_2,tg) \in \text{Knd}))$
& $\text{es-sender}(es;\ e') = e \in \text{es-E}(es)))$
, $\lambda i,e.$ $\text{es-loc}(es;\ e) = i \in \text{Id}$
& $((\text{es-kind}(es;\ e) = \text{rcv}(l_1,tg) \in \text{Knd}) \vee (\text{es-kind}(es;\ e) = \text{rcv}(l_2,tg) \in \text{Knd}))$
, $\lambda i,x,y.$ $x = y \in A$
, $\cdot >$

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http://www.nuprl.org/FDLcontent/p0_963683_/p31_266158_{links2Fifo-impl}.html