ecl-mng-update[11,40]

ecl-mng-update{i:l}
$\qquad$ (es; i; ds; da; x; z; upd)
$\equiv_{\text{def}}$ es-decls(es;i;ds;da)
$\qquad \Rightarrow$ alle-at(es;
$\qquad\qquad\qquad$ i;
$\qquad\qquad\qquad$ e.(es-after(es; z; e)
$\qquad\qquad\qquad\quad$ =
$\qquad\qquad\qquad$ list_accum(z',nf.let n,$f = nf$
$\qquad\qquad\qquad\qquad\qquad$ in
$\qquad\qquad\qquad\qquad\qquad$ if es-bact{i:l}
$\qquad\qquad\qquad\qquad\qquad\qquad\qquad$ (ds; da; x; es; n; es-init(es;e); e)
$\qquad\qquad\qquad\qquad\qquad$ then f(es-state-when(es; e),es-val(es; e))
$\qquad\qquad\qquad\qquad\qquad$ else z'
$\qquad\qquad\qquad\qquad\qquad$ fi ;
$\qquad\qquad\qquad\qquad\qquad$ es-when(es; z; e);
$\qquad\qquad\qquad\qquad\qquad$ fpf-cap(upd;
$\qquad\qquad\qquad\qquad\qquad\qquad$ product-deq(Knd; Id; Kind-deq; id-deq);
$\qquad\qquad\qquad\qquad\qquad\qquad$ <es-kind(es; e), z>;
$\qquad\qquad\qquad\qquad\qquad\qquad$ []))))

clarification:

ecl-mng-update{i:l}
$\qquad$ (es; i; ds; da; x; z; upd)
$\equiv_{\text{def}}$ es-decls(es;i;ds;da)
$\qquad \Rightarrow$ alle-at(es;
$\qquad\qquad\qquad$ i;
$\qquad\qquad\qquad$ e.(es-after(es; z; e)
$\qquad\qquad\qquad\quad$ =
$\qquad\qquad\qquad$ list_accum(z',nf.let n,$f = nf$
$\qquad\qquad\qquad\qquad\qquad$ in
$\qquad\qquad\qquad\qquad\qquad$ if es-bact{i:l}
$\qquad\qquad\qquad\qquad\qquad\qquad\qquad$ (ds; da; x; es; n; es-init(es;e); e)
$\qquad\qquad\qquad\qquad\qquad$ then f(es-state-when(es; e),es-val(es; e))
$\qquad\qquad\qquad\qquad\qquad$ else z'
$\qquad\qquad\qquad\qquad\qquad$ fi ;
$\qquad\qquad\qquad\qquad\qquad$ es-when(es; z; e);
$\qquad\qquad\qquad\qquad\qquad$ fpf-cap(upd;
$\qquad\qquad\qquad\qquad\qquad\qquad$ product-deq(Knd; Id; Kind-deq; id-deq);
$\qquad\qquad\qquad\qquad\qquad\qquad$ <es-kind(es; e), z>;
$\qquad\qquad\qquad\qquad\qquad\qquad$ []))
$\qquad\qquad\qquad\quad \in$ fpf-cap(ds; id-deq; z; top)))