

ecl-machine-R-da-dom^{11,40}

$\forall i:\text{Id}, ds:\text{fpf}(\text{Id}; x.\text{Type}), da:\text{fpf}(\text{Knd}; k.\text{Type}), A:\text{ecl}(ds; da), snd:\text{msg-spec}(ds; da),$
 $upd:\text{update-spec}(ds; da).$
 $\text{update-spec-decl}(upd; ds)$
 $\Rightarrow (\neg(\uparrow\text{fpf-dom}(\text{id-deq}; \text{mkid}\{\text{ecl:ut2}\}; ds)))$
 $\Rightarrow (\forall k:\text{Knd}.$
 $\quad (\uparrow\text{fpf-dom}(\text{Kind-deq}; k; \text{R-da}(\text{ecl-machine}\{\text{ecl:ut2}\}(i; ds; da; A; snd; upd); i)))$
 $\quad \Rightarrow ((k \in \text{ecl-kinds}(A)) \vee (k \in \text{fpf-domain}(da))))$