

ecl-m3_wf^{11,40}

$\forall ds:\text{fpf}(\text{Id}; x.\text{Type}), da:\text{fpf}(\text{Knd}; k.\text{Type}), x:\text{Id}, T:\text{Type}, ks:(\text{Knd List}),$
 $a:(\mathbb{N} \rightarrow (k:\{k:\text{Knd} \mid (k \in ks)\} \rightarrow \text{decl-state}(ds) \rightarrow \text{ma-valtype}(da; k) \rightarrow T \rightarrow \mathbb{B})), \text{snd}:\text{msg-spec}(ds;$
 $da),$
 $l:\text{IdLnk}.$
 $(\neg(\uparrow \text{fpf-dom}(\text{id-deq}; x; ds)))$
 $\Rightarrow (\text{ecl-m3}(a; \text{snd}; x; l)$
 $\in k:\{k:\text{Knd} \mid (k \in ks)\} \rightarrow (tg:\{tg:\text{Id} \mid (tg \in \text{ecl-tags}(l; \text{snd}))\}$
 $\times (\text{decl-state}(\text{fpf-join}(\text{id-deq}; ds; \text{fpf-single}(x; T))) \rightarrow \text{ma-valtype}(da; k) \rightarrow$
 $(\text{fpf-cap}(da; \text{Kind-deq}; \text{rcv}(l, tg); \text{void}) \text{List}))) \text{List})$