

## ecl-2-3-compat<sup>0,22</sup>

$\forall i:\text{Id}, ds:x:\text{Id} \text{ fp} \rightarrow \text{Type}, da:k:\text{Knd} \text{ fp} \rightarrow \text{Type}, snd:\text{msg-spec}(ds;da), upd:\text{update-spec}(ds;da),$   
 $T:\text{Type}, ks:\text{Knd List}, a:(\mathbb{N} \rightarrow (k:\{k:\text{Knd} \mid (k \in ks)\} \rightarrow \text{State}(ds) \rightarrow \text{Valtype}(da;k) \rightarrow T \rightarrow \mathbb{B})), x:\text{Id}.$   
 $\neg x \in \text{dom}(ds)$   
 $\Rightarrow \text{update-spec-decl}(upd;ds)$   
 $\Rightarrow (\forall k:\text{Knd}. (k \in ks) \Rightarrow k \in \text{dom}(da))$   
 $\Rightarrow \text{ecl-machine2}(i;ds;da;x;T;ks;a;upd) \parallel \text{ecl-machine3}(ds;da;x;T;ks;a;snd)$