

es-interface-le-pred-bool^{11,40}

$\forall es:ES, P:(E \rightarrow \mathbb{B}).$
 $\exists X:AbsInterface(E)$
 $(\forall e:E.$
 $((\uparrow(e \in_b X)) \iff (\exists a:E. (es-p-le-pred(es;\lambda e.\uparrow(P(e)))(e,a))))$
 $\& ((\uparrow(e \in_b X)) \Rightarrow (es-p-le-pred(es;\lambda e.\uparrow(P(e)))(e,X(e))))$