

K-refine^{11,40}

$\forall Pgm, Sem: \text{Type}, equiv: (Sem \rightarrow Sem \rightarrow \mathbb{P}), X: (Sem \rightarrow \mathbb{P}), S: (Pgm \rightarrow Sem), pr: Pgm, kpr: (Sem \rightarrow Pgm).$
 $pr \text{ implements } kpr \Rightarrow kpr \models X \Rightarrow pr \models X$