

decidable-exists-iseq^{11,40}

$\forall T:\text{Type}, P:(T \text{ List}) \rightarrow \text{prop}\{i:l\}$.

$(\forall L:(T \text{ List}). \text{decidable}(P(L)))$

$\Rightarrow (\forall L:(T \text{ List}). \text{decidable}((\exists L':T \text{ List}. (\text{iseq}(T; L'; L) \wedge P(L')))))$