

## decidable-exists-iseg<sup>0,22</sup>

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

$(\forall L:T \text{ List. Dec}(P(L))) \Rightarrow (\forall L:T \text{ List. Dec}(\exists L':T \text{ List. } L' \leq L \ \& \ P(L')))$