

## **find\_property**<sup>4,23</sup>

$\forall T:\text{Type}, P:(T \rightarrow \mathbb{B}), as:T \text{ List}, d:T.$

$(\text{first } a \in as \text{ s.t. } P(a) \text{ else } d \in as) \vee (\text{first } a \in as \text{ s.t. } P(a) \text{ else } d) = d$