

## **split\_tail\_trivial**<sup>4,23</sup>

$\forall A:\text{Type}, f:(A \rightarrow \mathbb{B}), L:A \text{ List}.$

$(\forall b:A. (b \in L) \Rightarrow f(b)) \Rightarrow \text{split\_tail}(L \mid \forall x.f(x)) = \langle \text{nil}, L \rangle \in (A \text{ List}) \times (A \text{ List})$