

split_tail_max^{4,23}

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

$(a \in L) \Rightarrow f(a) \Rightarrow (\forall b:A. a \text{ before } b \in L \Rightarrow f(b)) \Rightarrow (a \in 2\text{of}(\text{split_tail}(L \mid \forall x.f(x))))$