

## **last\_induction**<sup>0,22</sup>

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

$Q(\text{nil}) \Rightarrow (\forall ys:T \text{ List}, y:T. Q(ys) \Rightarrow Q(ys @ [y])) \Rightarrow \{\forall zs:T \text{ List}. Q(zs)\}$