

safety_and^{4,23}

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

$\text{safety}(A;x.P(x)) \Rightarrow \text{safety}(A;x.Q(x)) \Rightarrow \text{safety}(A;x.P(x) \ \& \ Q(x))$