

## before-adjacent<sup>11,40</sup>

$\forall T:\text{Type}, L:(T \text{ List}), x, y:T.$

$\text{no\_repeats}(T;L)$

$\Rightarrow \text{adjacent}(T;L;x;y)$

$\Rightarrow (\forall z:T. z \text{ before } y \in L \Rightarrow (z \text{ before } x \in L \vee (z = x)))$

ProofTree