

## **adjacent-cons**<sup>11,40</sup>

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

$\text{adjacent}(T;[u / L];x;y) \iff ((0 < \|L\|) \ \& \ ((x = u \ \& \ y = \text{hd}(L)) \vee \text{adjacent}(T;L;x;y)))$

ProofTree