

**sq\_stable\_sym**<sup>13,42</sup>

$\forall T:\text{Type}, R:(T \rightarrow T \rightarrow \mathbb{P}). (\forall x, y:T. \text{SqStable}(R(x,y))) \Rightarrow \text{SqStable}(\text{Sym}(T;y,x.R(x,y)))$