

wellfounded-minimal^{11,40}

$\forall T:\text{Type}, R:(T \rightarrow T \rightarrow \mathbb{P}), P:(T \rightarrow \mathbb{P}).$

$(\forall x, y:T. \text{Dec}(R(x,y)))$

$\Rightarrow (\forall x:T. \text{Dec}(P(x)))$

$\Rightarrow (\forall y:T. \exists L:T \text{ List}. (\forall x:T. (R(x,y) \Rightarrow (x \in L))))$

$\Rightarrow \text{WellFnd}\{i\}(T;x,y.R(x,y))$

$\Rightarrow (\forall z:T. (P(z)) \Rightarrow (\exists y:T. (P(y) \ \& \ (R^*)(y,z) \ \& \ (\forall x:T. (R^+(x,y) \Rightarrow (\neg(P(x))))))))$