wellfounded_functionality_wrt_iff[12,41]

$\forall T_1$, T_2:Type, r_1:($T_1 \to T_1 \to \mathbb{P}$), r_2:($T_2 \to T_2 \to \mathbb{P}$).
($T_1 = T_2$)
$\Rightarrow$ ($\forall x$, y:T_1. $r_1(x,y) \iff r_2(x,y)$)
$\Rightarrow$ (WellFnd{i}(T_1;x,y.$r_1(x,y)$) $\iff$ WellFnd{i}(T_2;x,y.$r_2(x,y)$))

ProofTree

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http://www.nuprl.org/FDLcontent/p0_942988_/p15_2127_{wellfounded_functionality_wrt_iff}.html