predicate_equivalent_implies[11,40]

$\forall T$:Type, P_1, P_2:($T \rightarrow$Type). $P_1 \iff P_2 \iff (P_1 \Rightarrow P_2$ & $P_2 \Rightarrow P_1)$

http://www.nuprl.org/FDLcontent/p0_963683_/p29_431007_{predicate_equivalent_implies}.html