Inference at $*$
of proof for Lemma equiv_rel_iff:

$\vdash$ EquivRel($\mathbb{P}$;A,B.$A \iff B$)
by Unfold ‘equiv_rel‘ 0

1:

$\vdash$ Refl($\mathbb{P}$;A,B.$A \iff B$) & Sym($\mathbb{P}$;A,B.$A \iff B$) & Trans($\mathbb{P}$;A,B.$A \iff B$)
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http://www.nuprl.org/FDLcontent/p0_942988_/p121_81279_{equiv_rel_iff}.html