

fpf-domain-join^{11,40}

$\forall A:\text{Type}, f,g:\text{fpf}(A; a.\text{top}), eq:\text{EqDecider}(A), x:A.$

$(x \in \text{fpf-domain}(\text{fpf-join}(eq; f; g))) \iff ((x \in \text{fpf-domain}(f)) \vee (x \in \text{fpf-domain}(g)))$