

fpf-join-ap^{0,22}

$\forall A:\text{Type}, B:(A \rightarrow \text{Type}), eq:\text{EqDecider}(A), f, g:a:A \text{ fp} \rightarrow B(a), x:A.$
 $x \in \text{dom}(f \oplus g) \Rightarrow f \oplus g(x) = \text{if } x \in \text{dom}(f) \rightarrow f(x) \text{ else } g(x) \text{ fi} \in B(x)$