fpf-join-wf^{0,22}

$\forall A$:Type, B, C, D:($A \to$Type), f:a:A fp$\to$ $B(a)$, g:a:A fp$\to$ $C(a)$, eq:EqDecider(A).
($\forall a$:A. $a \in \mathrm{dom}(f) \Rightarrow B(a) \subseteq \rho\ D(a)$)
$\Rightarrow$ ($\forall a$:A. $a \in \mathrm{dom}(g) \Rightarrow C(a) \subseteq \rho\ D(a)$)
$\Rightarrow$ $f \oplus g \in a$:A fp$\to$ $D(a)$

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http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p54_75850_{fpf-join-wf}.html