

fpf-compatible-single-iff^{11,40}

$\forall A:\text{Type}, eq:\text{EqDecider}(A), B:(A \rightarrow \text{Type}), f:\text{fpf}(A; a.B(a)), x:A, v:B(x).$
 $\text{fpf-compatible}(A; a.B(a); eq; f; \text{fpf-single}(x; v))$
 $\iff ((\uparrow \text{fpf-dom}(eq; x; f)) \Rightarrow (v = \text{fpf-ap}(f; eq; x)))$