

## fpf-compatible<sup>11,40</sup>

$$\begin{aligned} & \text{fpf-compatible}(A; a.B(a); eq; f; g) \\ & \equiv_{\text{def}} \forall x:A. \\ & \quad ((\uparrow \text{fpf-dom}(eq; x; f)) \wedge (\uparrow \text{fpf-dom}(eq; x; g))) \\ & \quad \Rightarrow (\text{fpf-ap}(f; eq; x) = \text{fpf-ap}(g; eq; x)) \end{aligned}$$

*clarification:*

$$\begin{aligned} & \text{fpf-compatible}(A; a.B(a); eq; f; g) \\ & \equiv_{\text{def}} \forall x:A. \\ & \quad ((\uparrow \text{fpf-dom}(eq; x; f)) \wedge (\uparrow \text{fpf-dom}(eq; x; g))) \\ & \quad \Rightarrow (\text{fpf-ap}(f; eq; x) = \text{fpf-ap}(g; eq; x) \in B(x)) \end{aligned}$$