

## **subtype-fpf-cap-top**<sup>11,40</sup>

$\forall T, X:\text{Type}, eq:\text{EqDecider}(X), f, g:\text{fpf}(X; x.\text{Type}), x:X.$

$\text{fpf-sub}(X; x.\text{Type}; eq; g; f) \Rightarrow \text{subtype\_rel}(\text{fpf-cap}(f; eq; x; T); \text{fpf-cap}(g; eq; x; \text{top}))$