

## **fpf-rename-cap**<sup>0,22</sup>

$\forall A, C, B:\text{Type}, eqa:\text{EqDecider}(A), eqc:\text{EqDecider}(C), r:(A \rightarrow C), f:a:A \text{ fp} \rightarrow B, a:A, z:B.$   
 $\text{Inj}(A; C; r) \Rightarrow \text{rename}(r;f)(r(a))?z = f(a)?z \in B$