

## lnk-decl-compatible-single<sup>11,40</sup>

$\forall l:\text{IdLnk}, dt:\text{fpf}(\text{Id}; tg.\text{Type}), knd:\text{Knd}, T:\text{Type}.$

$((\uparrow\text{isrcv}(knd))$

$\Rightarrow (\uparrow\text{eq\_lnk}(\text{lnk}(knd); l))$

$\Rightarrow (\uparrow\text{fpf\_dom}(\text{id-deq}; \text{tag}(knd); dt))$

$\Rightarrow (T = \text{fpf\_ap}(dt; \text{id-deq}; \text{tag}(knd)))$

$\Rightarrow \text{fpf-compatible}(\text{Knd}; x.\text{Type}; \text{Kind-deq}; \text{lnk-decl}(l; dt); \text{fpf-single}(knd; T))$