

settype-inherence^{0,22}

$\forall T:\text{Type}, P:(T \rightarrow \text{Prop}), x:\{t:T \mid P(t)\}, a:\text{Atom1}.$

$\text{AtomFree}(\text{Type};T) \Rightarrow \text{AtomFree}(T \rightarrow \text{Prop};P) \Rightarrow x:T \gg a \Rightarrow x:\{t:T \mid P(t)\} \gg a$