

Encoding Structural Equality in CaPriCon

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'utils require import

- Required module: utils

Type 'A -> A 'x ->

'Eq_context { A 'a -> Type ? '.Eq -> .Eq (x) '.refl -> } def

'Eq A 'y -> Eq_context .Eq (y) ? ? "x = y" defconstr !

'refl Eq_context .refl ! ! "refl x" defconstr

The type of $\lambda(y : A)(e : x = y).\mu(e)$ is $\forall(y : A)(e : x = y)(Eq^P : \forall(a : A), x = a \rightarrow Set_1), Eq^P x(refl\ x) \rightarrow Eq^P y e$.

2 lambdas ['Eq 'refl] { export } each