

## Final Coalgebra

```
Final-CoAlgebra : Functor U → U+
Final-CoAlgebra func = Σ fc : CoAlgebra func , (forall co → let open CoAlgebra2 func co fc
in is-singleton f-co-morphism)

module Final-CoAlgebra func (fc' : Final-CoAlgebra {U = U} func) where
  fc = fc'.pr1
  uni : (forall co → let open CoAlgebra2 func co fc in is-singleton f-co-morphism)
  uni = fc'.pr2
```