Potentialities

```
open import PredP
open Pred

module PotP (Msg : 𝒰 ̇) 𝒱 (Cm : Pred (Pred Msg 𝒱) (𝒰 ⊔ 𝒱)) 𝒲 (Cp : Pred (Σ Cm) 𝒲)
where

 open import FCP {𝒲 = 𝒰 ⊔ 𝒱 ⁺ ⊔ 𝒲 ⁺} Msg 𝒱 Cm

 open ΣPred

 BSet = Σ Cm
 &PSet = Σ Cp

 open import FunctorP
 open import Final-CoAlgebraP

 Fpot : Functor (𝒰 ⊔ 𝒱 ⁺ ⊔ 𝒲 ⁺)
 Fpot =
    (λ X → X × &PSet × FC X)
  , (λ f (x , &ps , ((mp , fm) , (ap , fa))) → f x , &ps , (mp , λ x c → f (fm x
c)) , (ap , λ x c → f (fa x c)))
  , (λ f g x → refl)
  , λ x → refl

 Pot = Final-CoAlgebra Fseq
```