```
ReduceContainer (unit, ∘): trait
  % Insert the operator in enumeration order.
  assumes Container
  introduces
    unit: → E
    __ ∘ __: E, E → E
    reduce: C → E
  asserts ∀ c: C
    reduce(c) ==
      if c = empty then unit
      else head(c) ∘ reduce(tail(c))
  implies converts reduce
```