```
ChoiceSet (E, C): trait
  % A set with a weakly-specified choose operator
  includes Set
  introduces
    choose: C → E
    rest: C → C
    isEmpty: C → Bool
  asserts ∀ e, e1: E, s: C
    s ≠ { } ⇒ choose(s) ∈ s;
    s ≠ { } ⇒ rest(s) = delete(choose(s), s);
    isEmpty(s) == s = { }
  implies
    C partitioned by choose, rest, isEmpty
    ∀ e: E, s: C
      s ≠ { } ⇒ s = insert(choose(s), rest(s))
```