```
«E Class»
                  Box
        name : EString
        stringRep :EString
        addToStringRep(Card):void
        determineNextSize() :EInt
        grow():void
        toString():EString
              +box/\0..1
                               +previous 0..1
+containedPartition
                «E Class»
                Partition
       partition Size : EInt
      check(Card, EString) : EBoolean
      empty():void
       removeCard(Card):Card
                                +n ext 0..1
    +cardContainer/\0..1
             +card\ /0..*
                «E Class»
                  Card
         back :EString
         face :EString
         partition History: EString
         invert() :void
```