

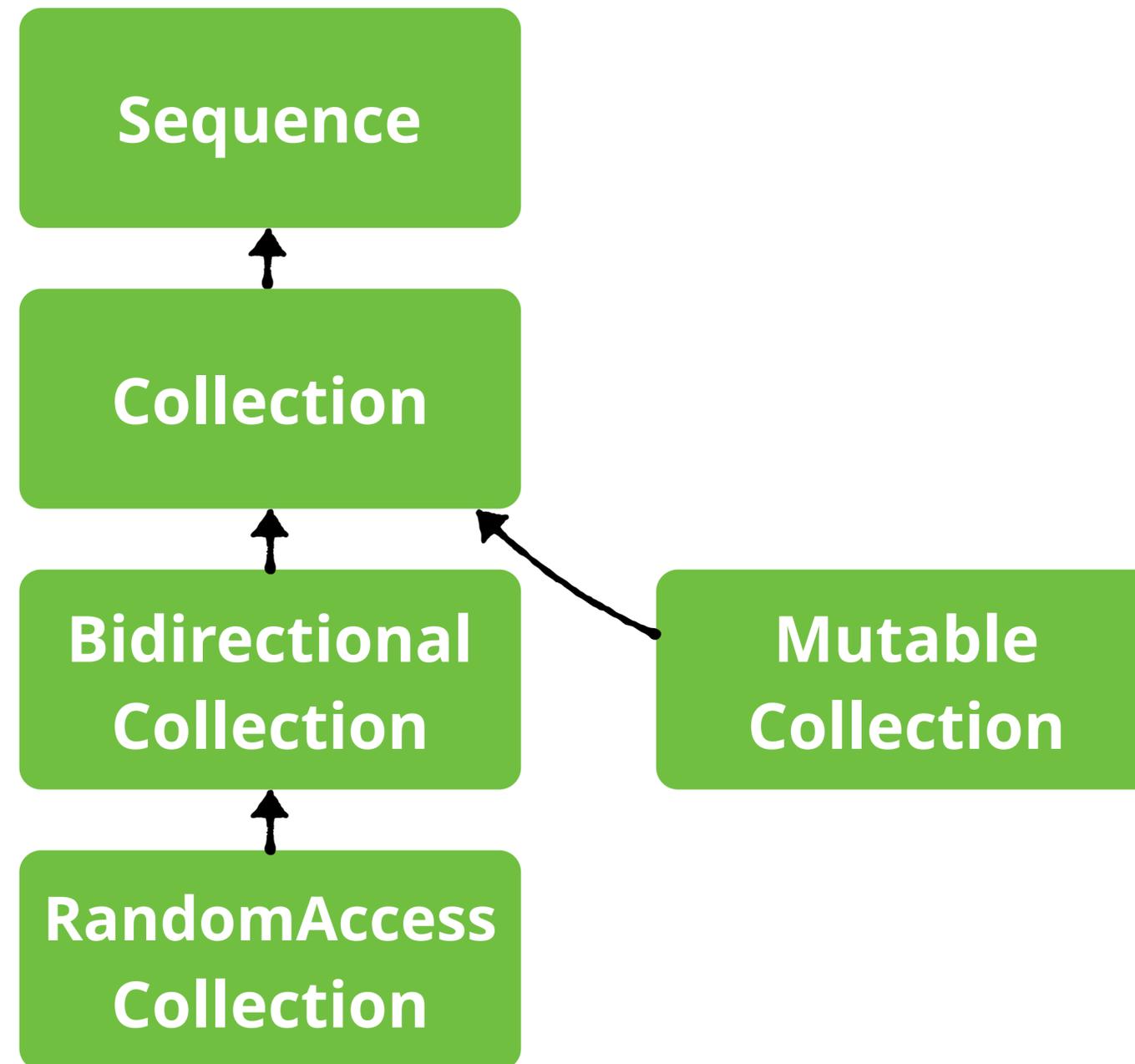


ADVANCED SWIFT 3



PART 8: CUSTOM COLLECTIONS

COLLECTION PROTOCOLS



COLLECTION PROTOCOLS

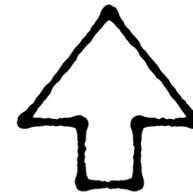
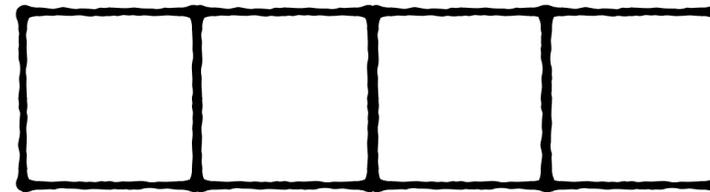
Collection



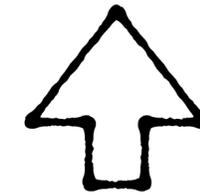
Bidirectional
Collection



RandomAccess
Collection



startIndex



endIndex



COLLECTION PERFORMANCE

- ⚙️ Must have $O(1)$ subscript operations or be documented appropriately.
- ⚙️ Forward, Bidirectional Collection types implement count as $O(n)$



CHALLENGE

- ⚙️ Given the Array2D Collection implement row() and column() methods that return an AnySequence that loops through the elements in the specified array or column.

