

# The Java Collections Framework

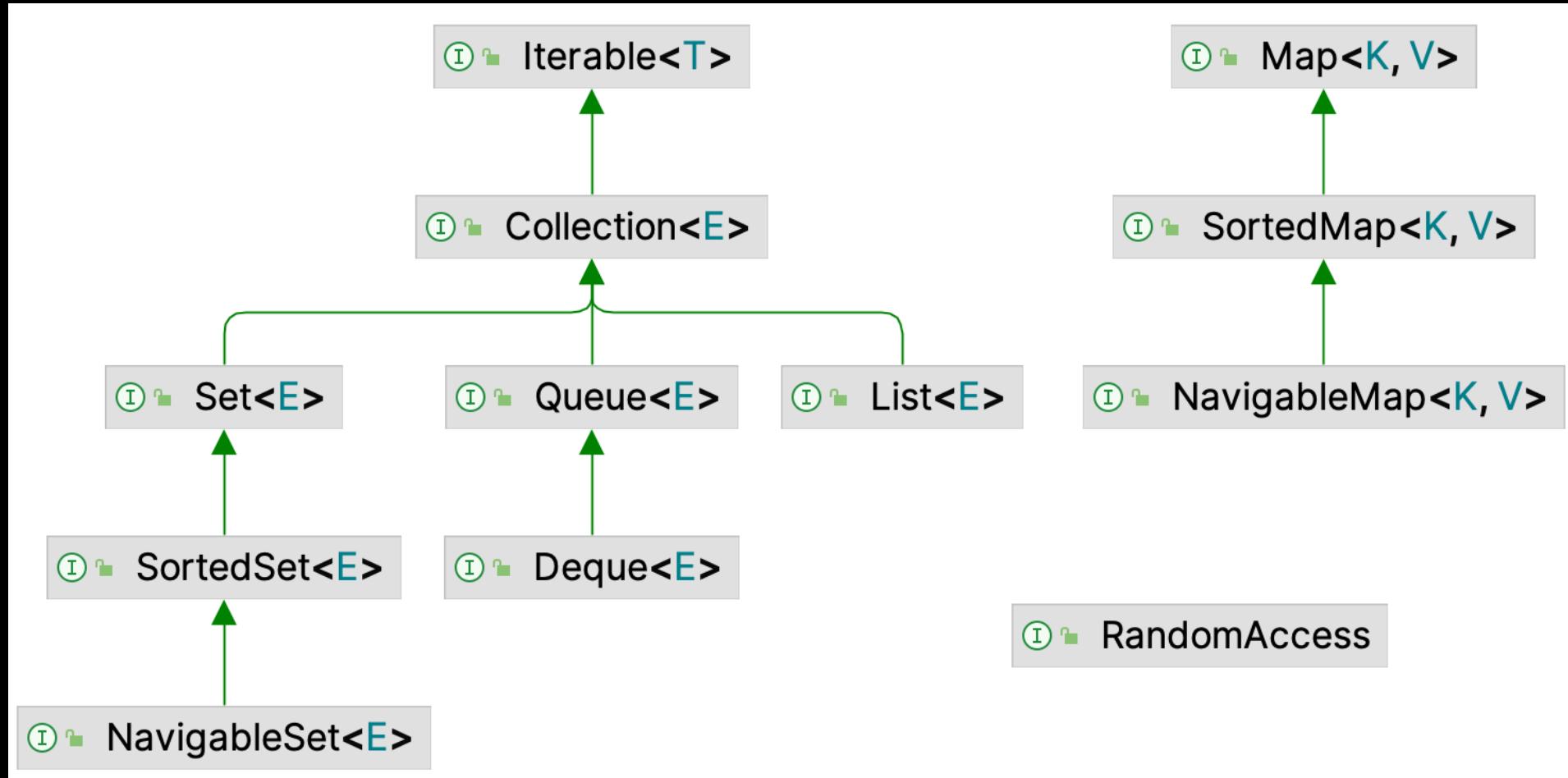
Oracle's [Collections Framework Overview](#):

- “A *collection* is an object that represents a group of objects”
- “A *collections framework* is a unified architecture for representing and manipulating collections, enabling collections to be manipulated independently of implementation details.”

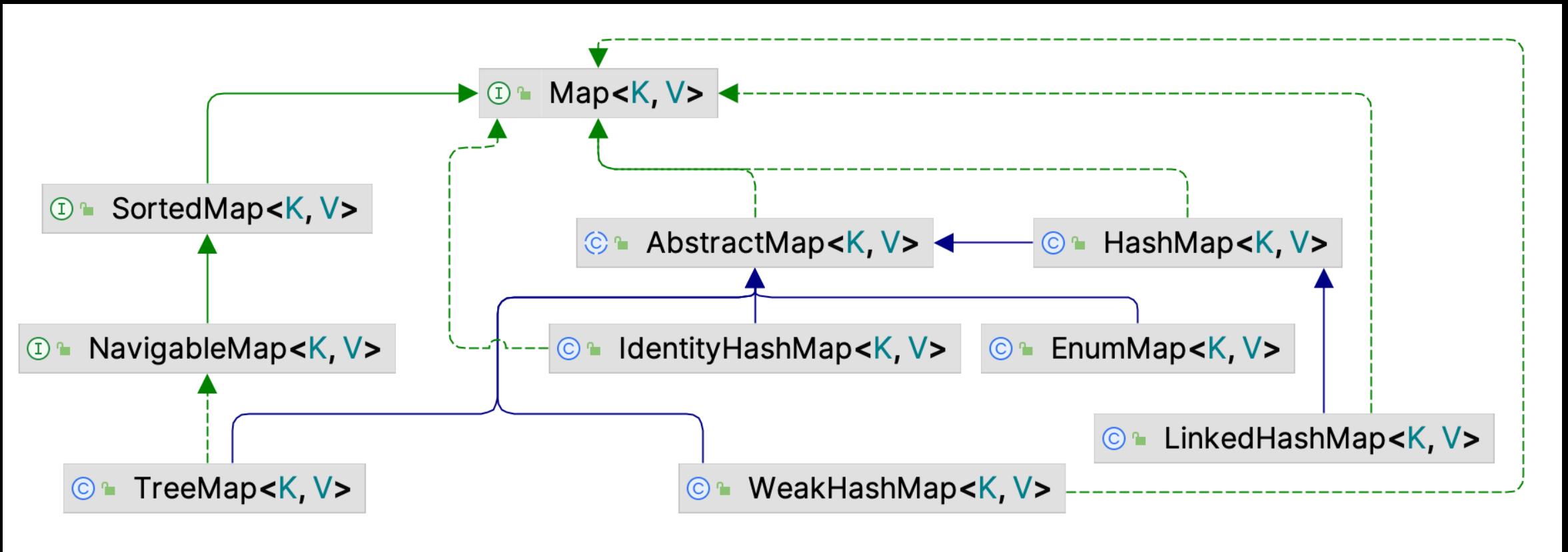
Examples of classes and interfaces in the framework include List, ArrayList, LinkedList, Set, Map, and HashMap.

**Provides standard definitions of common ADTs and their implementations for programmers to use.**

# Iterable and Map interfaces



# The Map Hierarchy



# The Set Hierarchy

