

Java Collections

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A Quick Reference to Collections Hierarchy

with

Java 21 updates

Notes

- ♦ Java Collections – 2 “klan”s –
 - ♦ `java.util.Map`
 - ♦ `java.util.Collection`
- ♦ Includes all *public* descendants of the 2 klans in `java.util` package
- ♦ Doesn't include
 - ♦ descendants in subpackages – `java.util.jar`, `java.util.concurrent`, etc
 - ♦ Non-public descendants, eg., `java.util.RegularEnumSet`
 - ♦ Inner-class descendants Eg.:
`java.util.TreeMap.NavigableSubMap` // no such public class in `java.util`
- ♦ Doesn't fully comply with UML rules – this is a quick-reference lookup

Legend



: Interface // since Java 21



: Interface

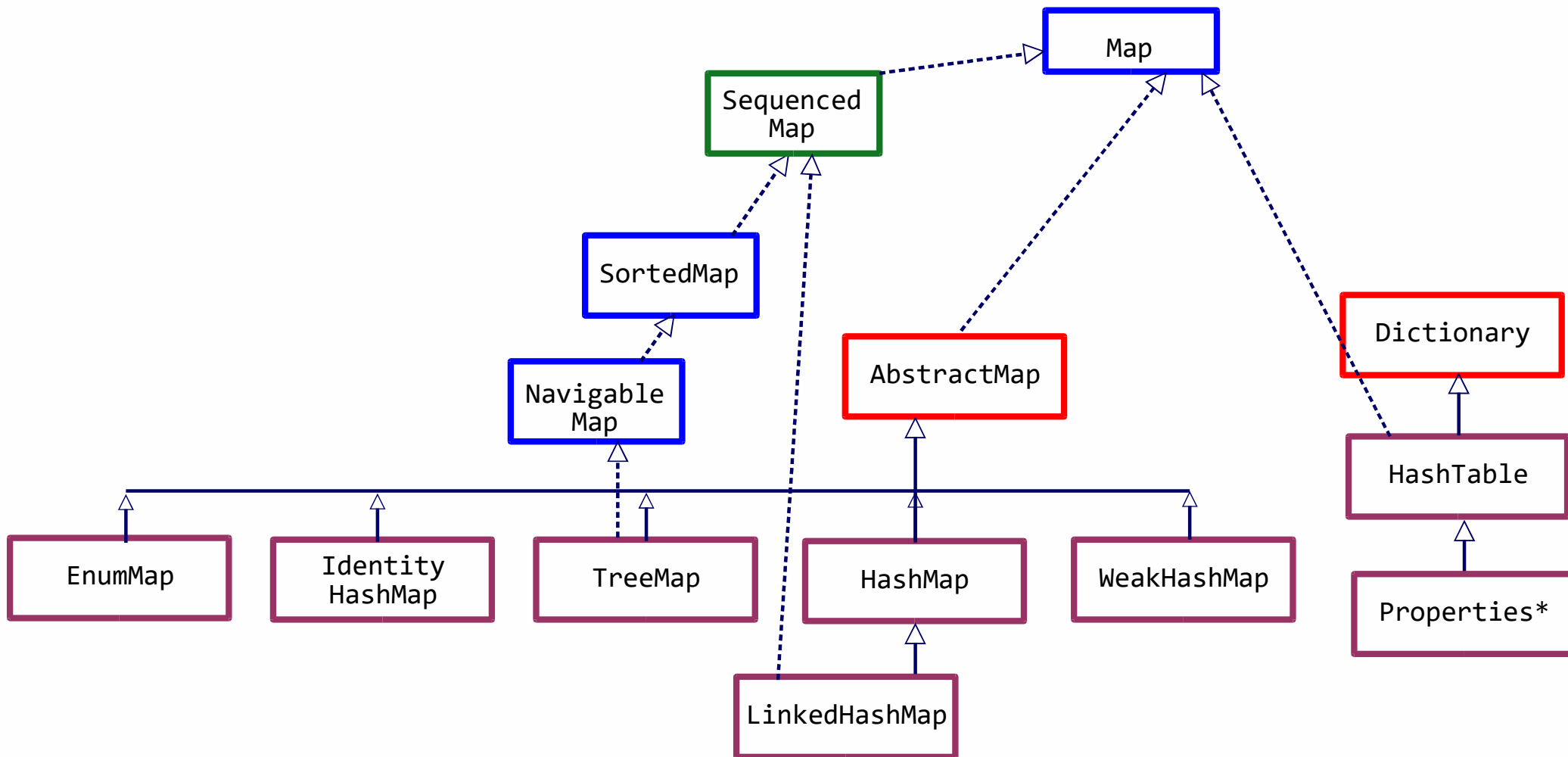


: Abstract class



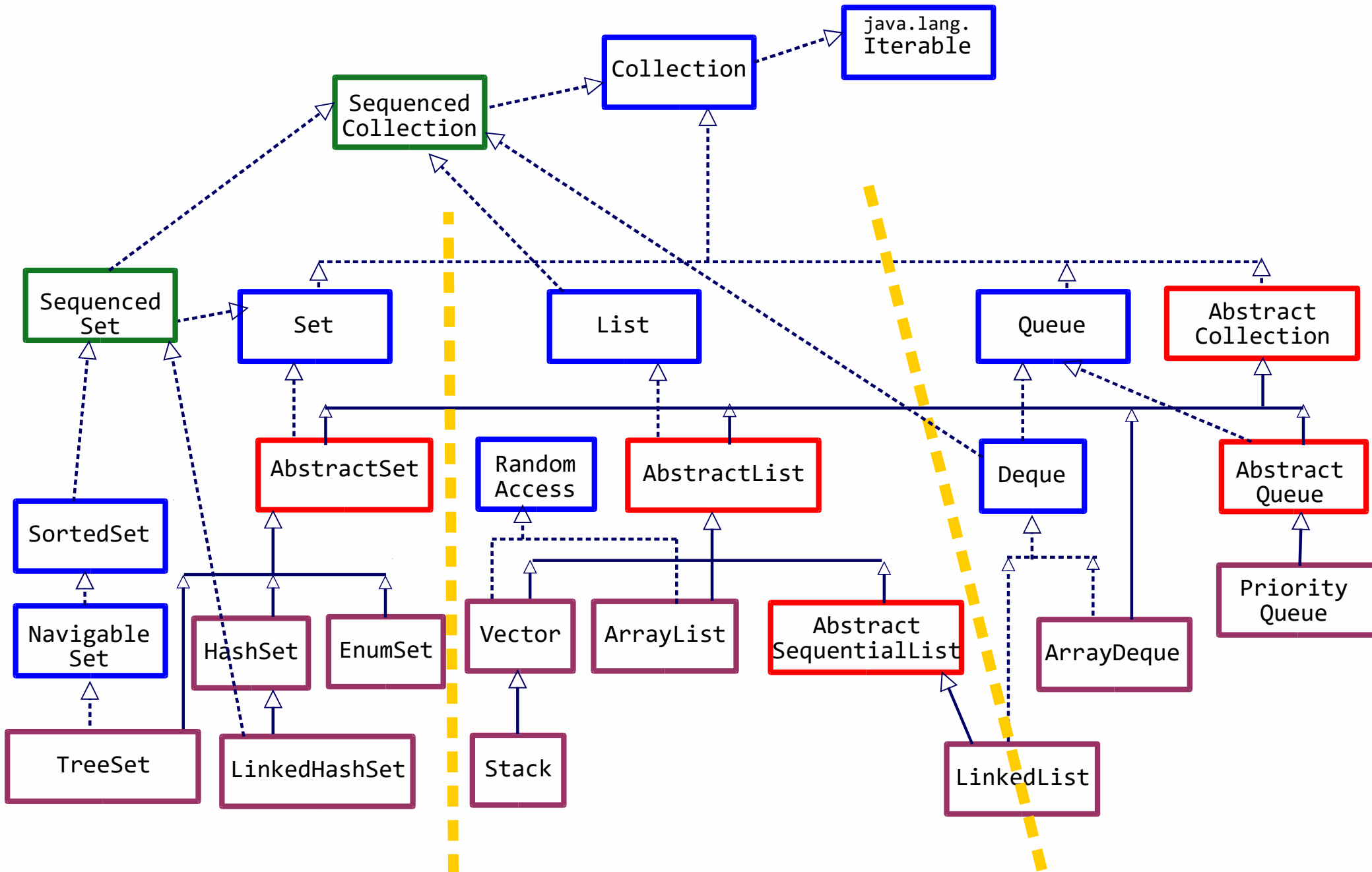
: Concrete class

java.util.Map



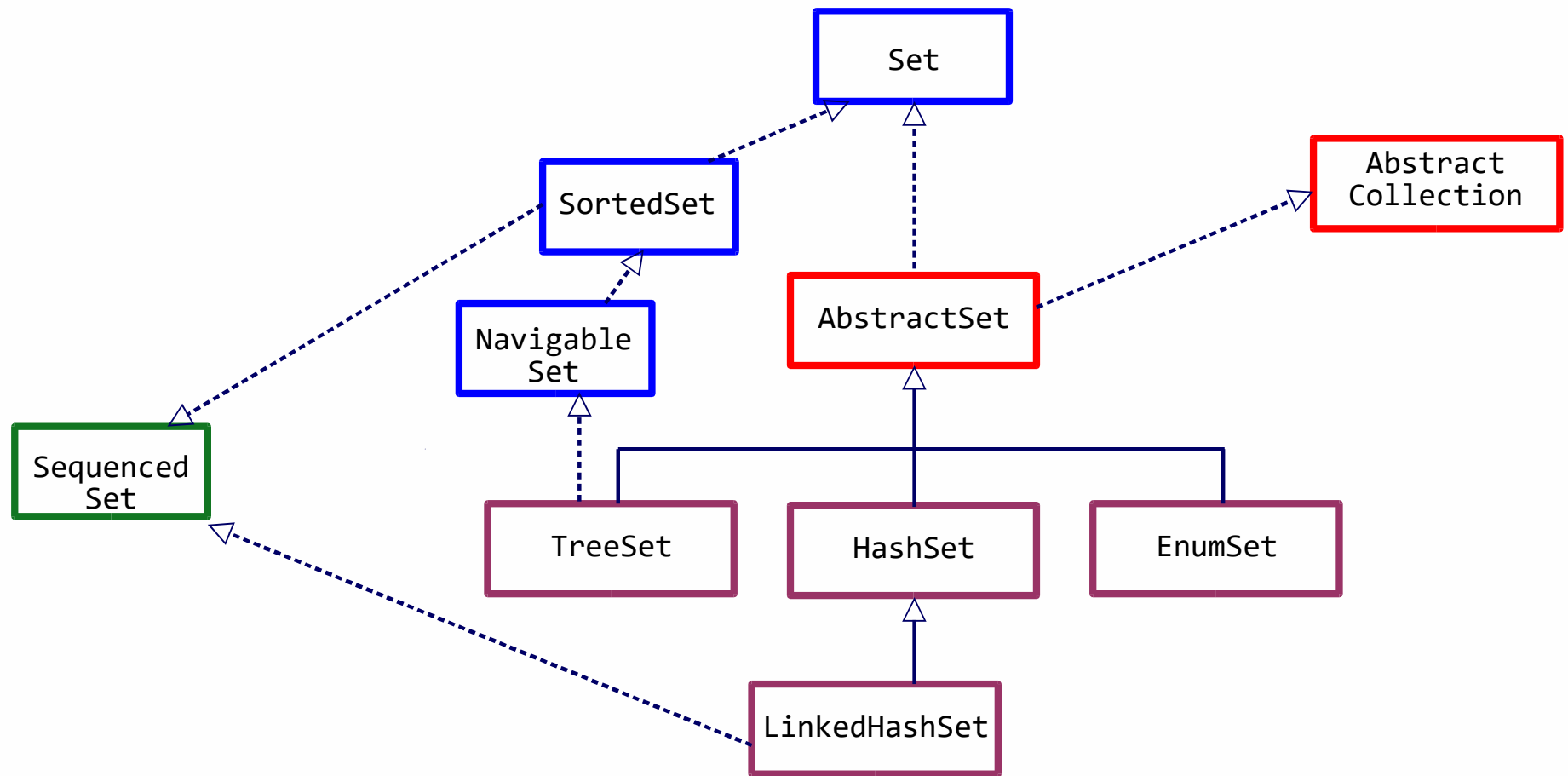
*Properties - Only for `Map<Object, Object>` and raw `Map`

java.util.Collection



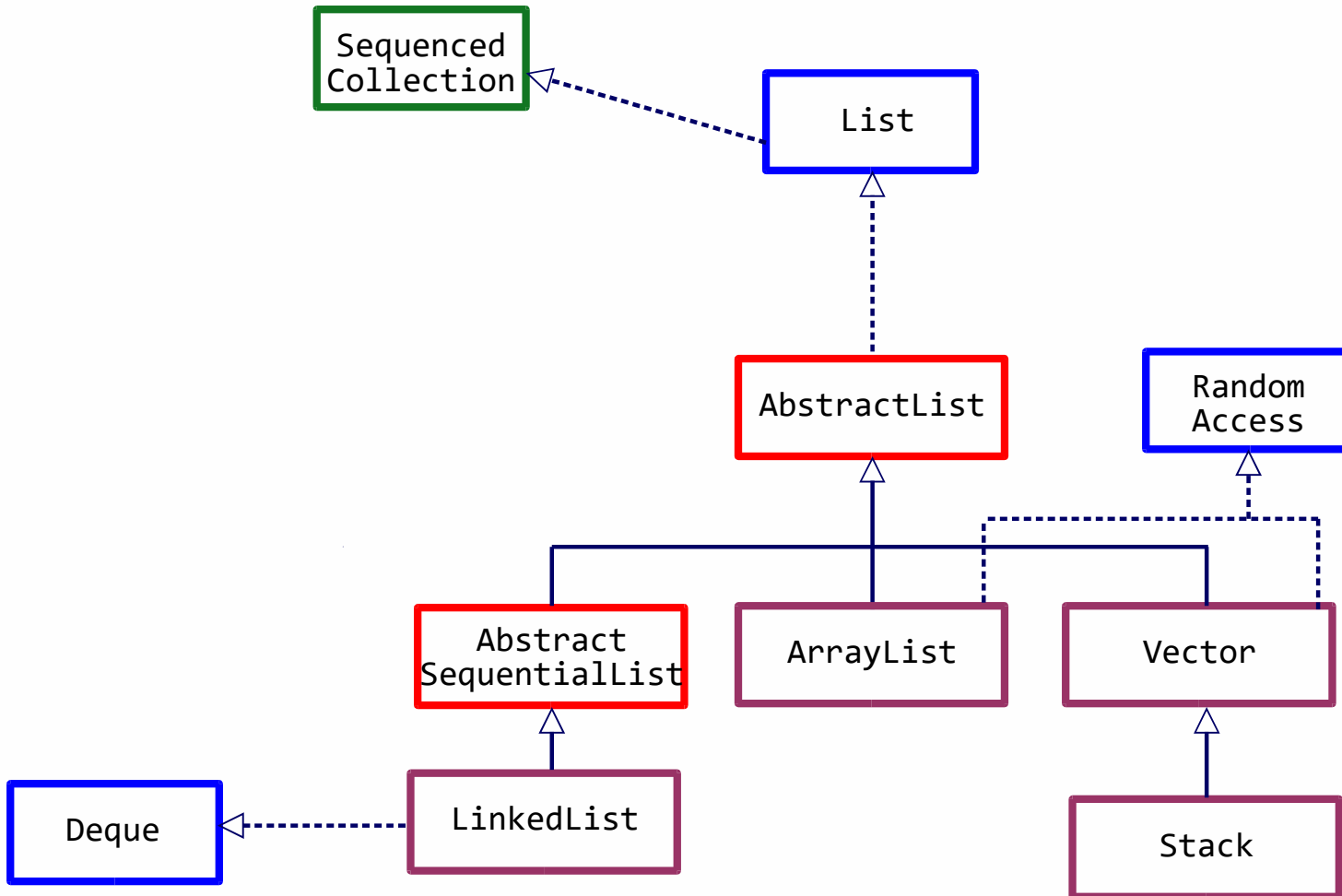
java.util.Set

Descendants



java.util.List

Descendants



java.util.Queue Descendants

