

Collections

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Outline

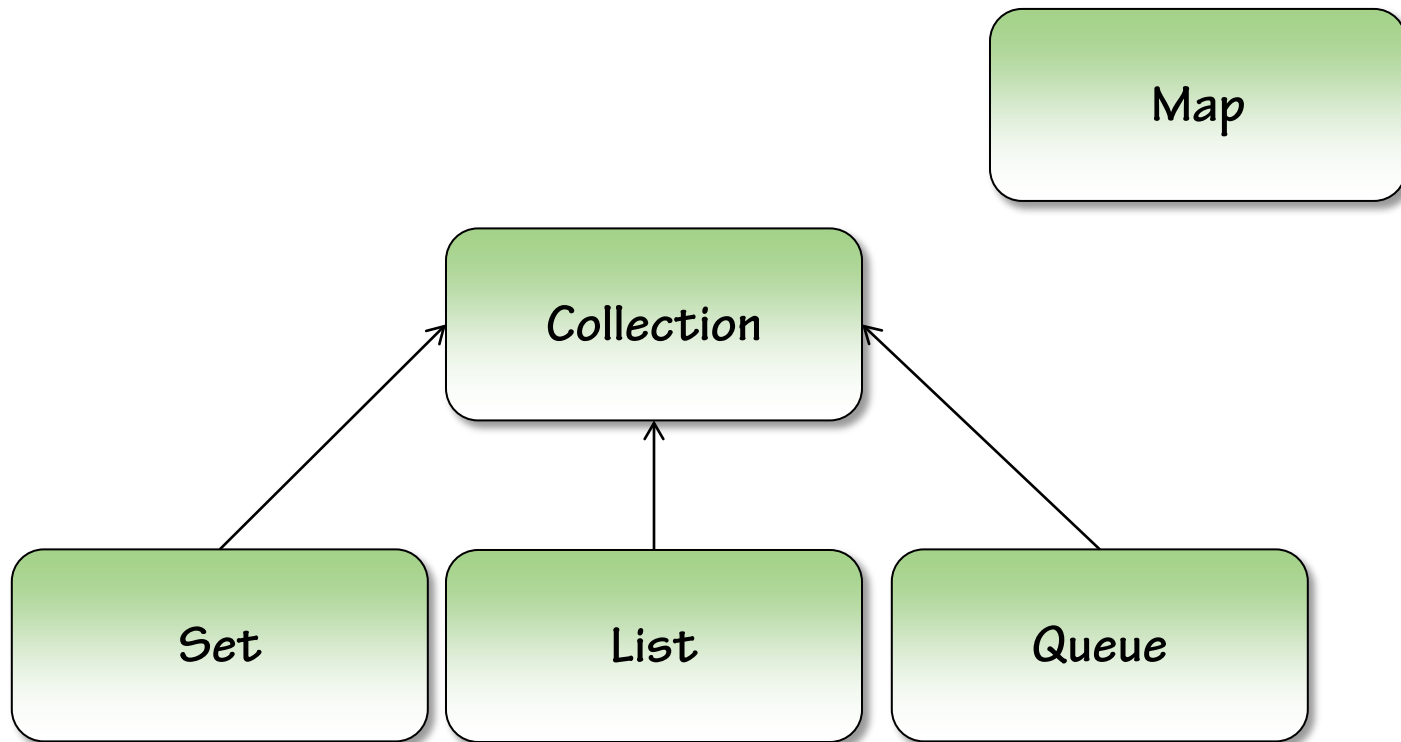
- Understanding Collections
- List
- Map
- Set
- Queue
- Combining Collections

What is a Collection?

- Group of objects
- Different kinds of groupings
 - Uniqueness
 - Order
 - Process
 - Mapping



Collections in Java



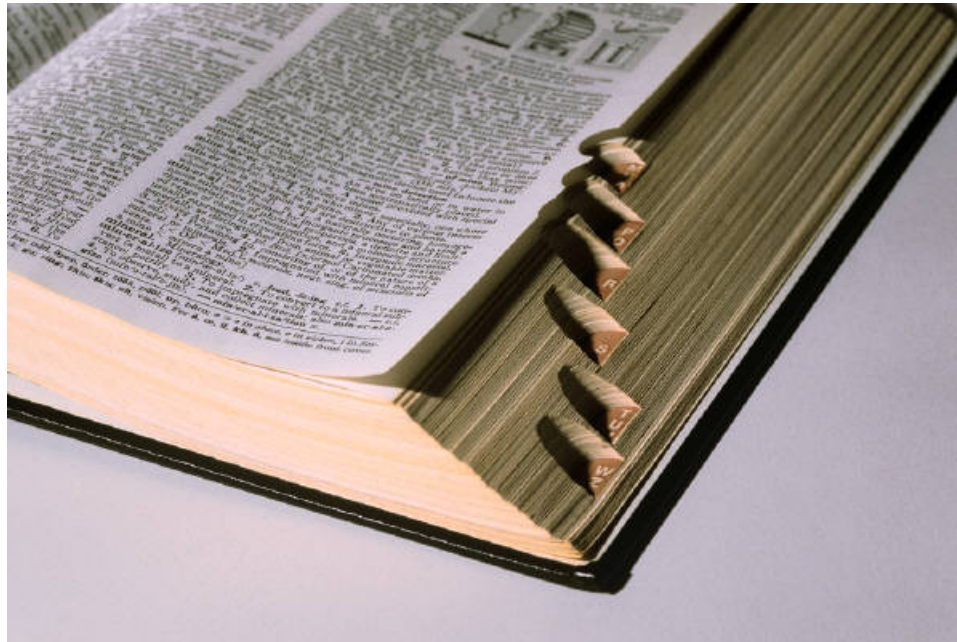
List

- Ordered and sequential
- Can have duplicates



Map

- Keys to values
- Keys must be unique



Set

- No duplicates
- Must be able to compare



Queue

- Ordered list
- Designed for processing



Summary

- Understanding Collections
- List
- Map
- Set
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- Combining Collections

- **Collection implementations**

- <http://download.oracle.com/javase/tutorial/collections/implementations/index.html>