

Java's Generic Collections and Friends



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Collections

List
ArrayList

Set
HashSet

Map
HashMap

List

An ordered collection

Set

A collection with unique elements

Map

A dictionary that maps a single value to each unique key

Summary

Interfaces

- Multiple Data Structures
- Functional Characteristics
- Prefer as variable type
- Often has a popular implementation

Implementation

- Specific Data Structure
- Performance Characteristics
- Concrete and Instantiable

Summary



Introduced Collections

Studied Lists, Sets and Maps

Most common use of Generics