

Java's Generic Collections and Friends



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Collections

List

ArrayList

Set

HashSet

Map

HashMap



List: An Ordered Collection



Set: Collection with Unique Elements



Map: A Single Value for 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

