

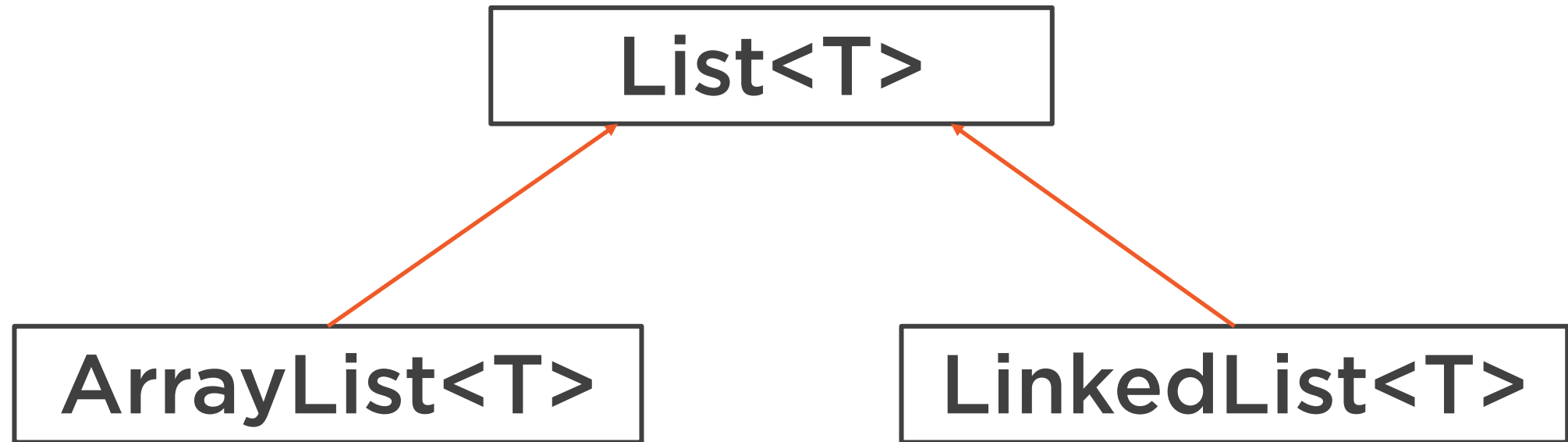
Generic Classes and Interfaces



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How do generics interact
with inheritance?



Outline

Implement a
Generic Type

Pass Up a Type
Parameter

Type Bounds



Implementing a Generic Type



Passing a Parameter to a Generic Type



Type Bounds



Conclusions



Our Three Recipes

Implementing a generic type

`AgeComparator implements Comparator<Person>`

Passing a parameter to a generic type

`Reverser<T> implements Comparator<T>`

Type Bounds

`SortedPair<T> extends Comparable<T>>`



Summary



Comparator/Comparable

Generics play well with Inheritance

What about methods?

