

Set

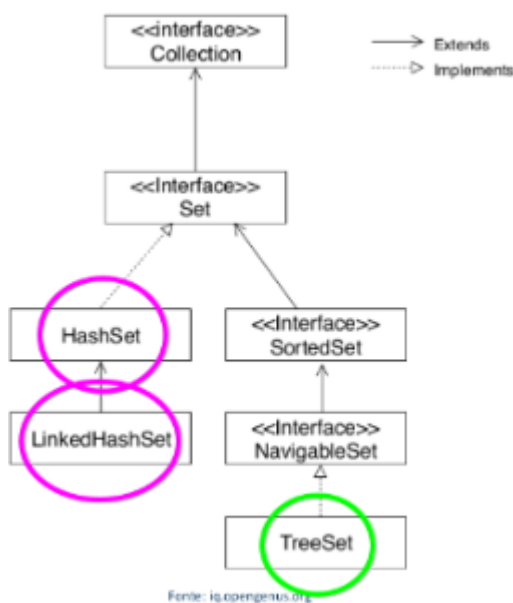
Coleções com singularidade: Set

Pacote java.util.Set

- Não permite elementos duplicados
- Não possui índice

Implementações:

- TreeSet
- LinkedHashSet
- HashSet



Diferenças entre as implementações

HashSet	LinkedHashSet	TreeSet
HashSet internally uses HashMap to store its elements.	LinkedHashSet internally uses LinkedHashMap to store its elements.	TreeSet internally uses TreeMap to store its elements.
HashSet doesn't maintain any order of elements.	LinkedHashSet maintain insertion order of elements.	TreeSet maintains default natural sorting order.
HashSet gives better performance than LinkedHashSet and TreeSet.	The performance of LinkedHashSet is between HashSet and TreeSet.	The TreeSet gives less performance than HashSet and LinkedHashSet.
HashSet allow maximum one null element.	LinkedHashSet also allow maximum one null element.	The TreeSet doesn't allow even single element.