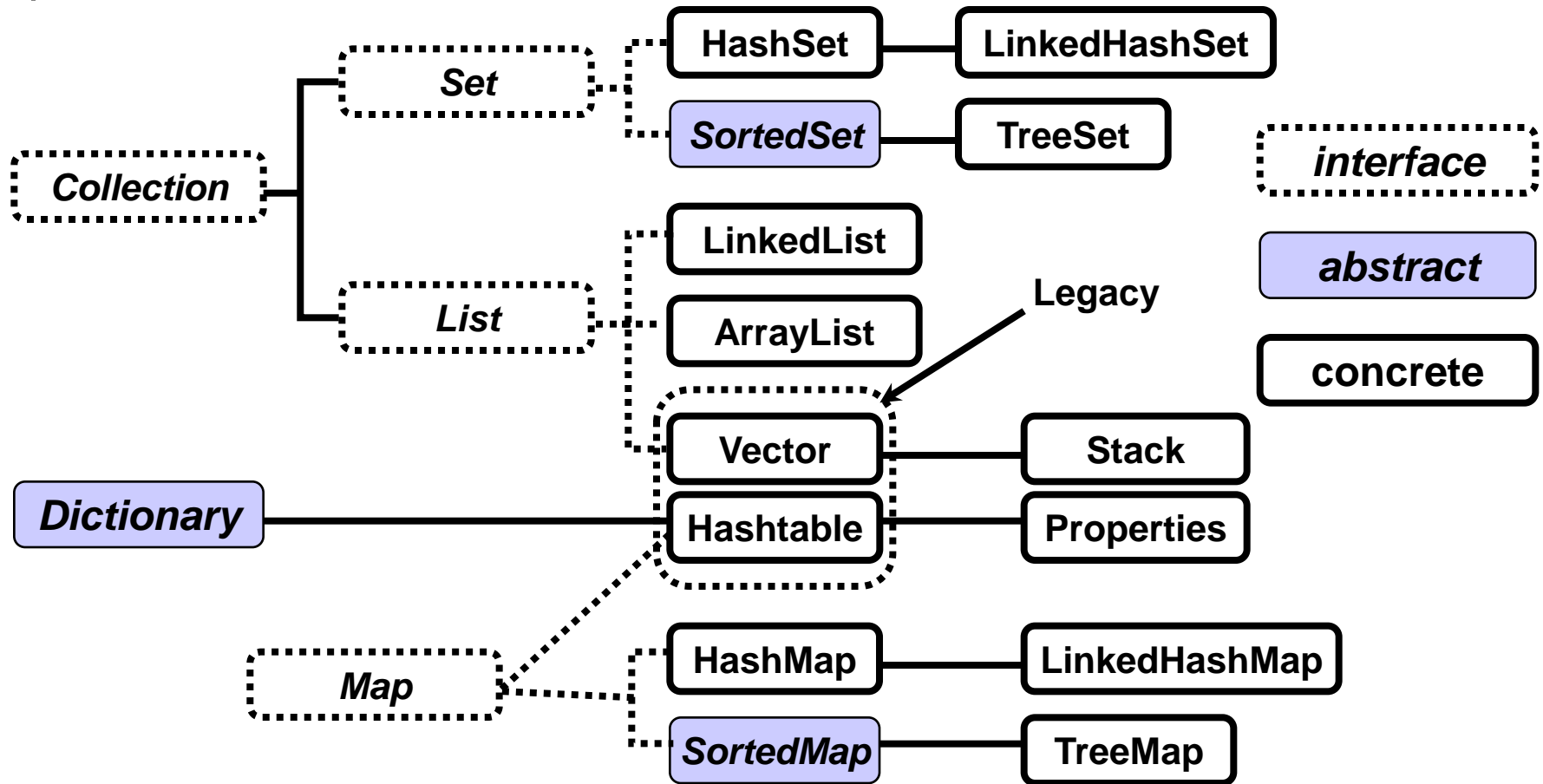
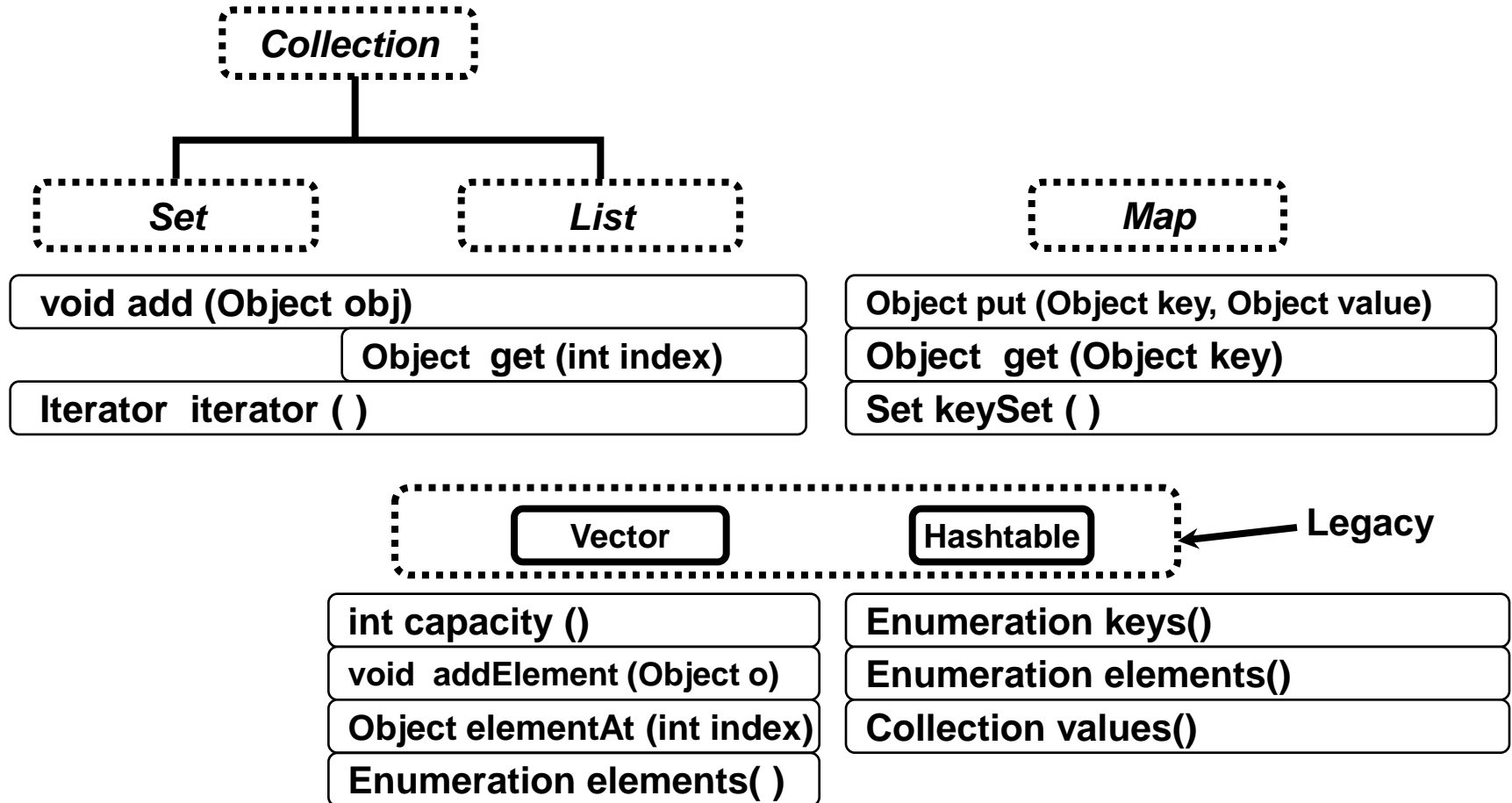


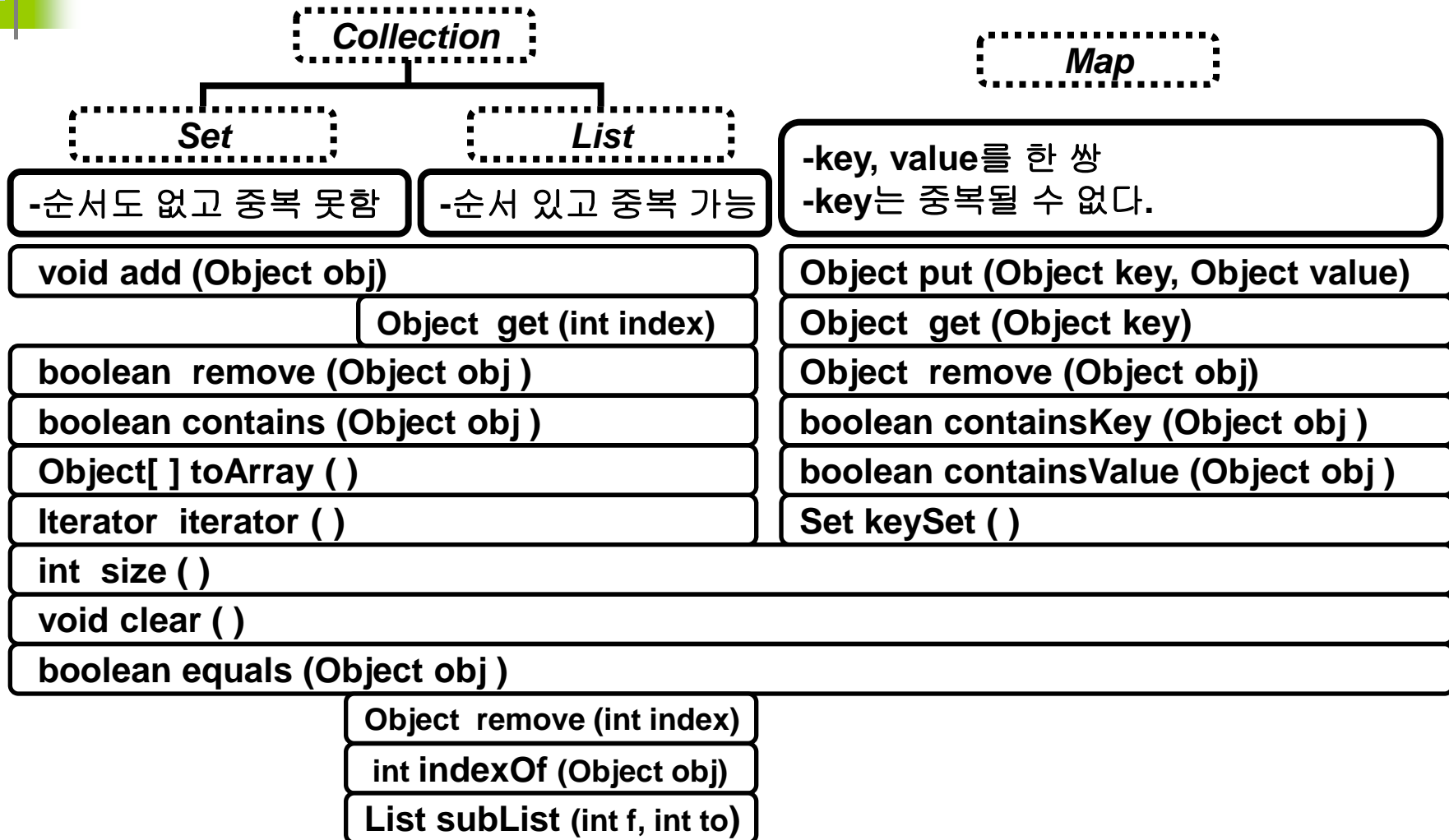
@ Java Collection Framework




@ Java Collection Framework



@ Java Collection Framework





@ 중요한 interface

<<java.util.Comparator>>

+compare (o1 : Object , o2 : Object) : int
+equals (obj : Object) : boolean

<<java.lang.Comparable>>

+compareTo (o : Object) : int

<<java.util.Iterator>>

+hasNext () : boolean
+next() : Object
+remove() : void

<<java.util.Enumeration>>

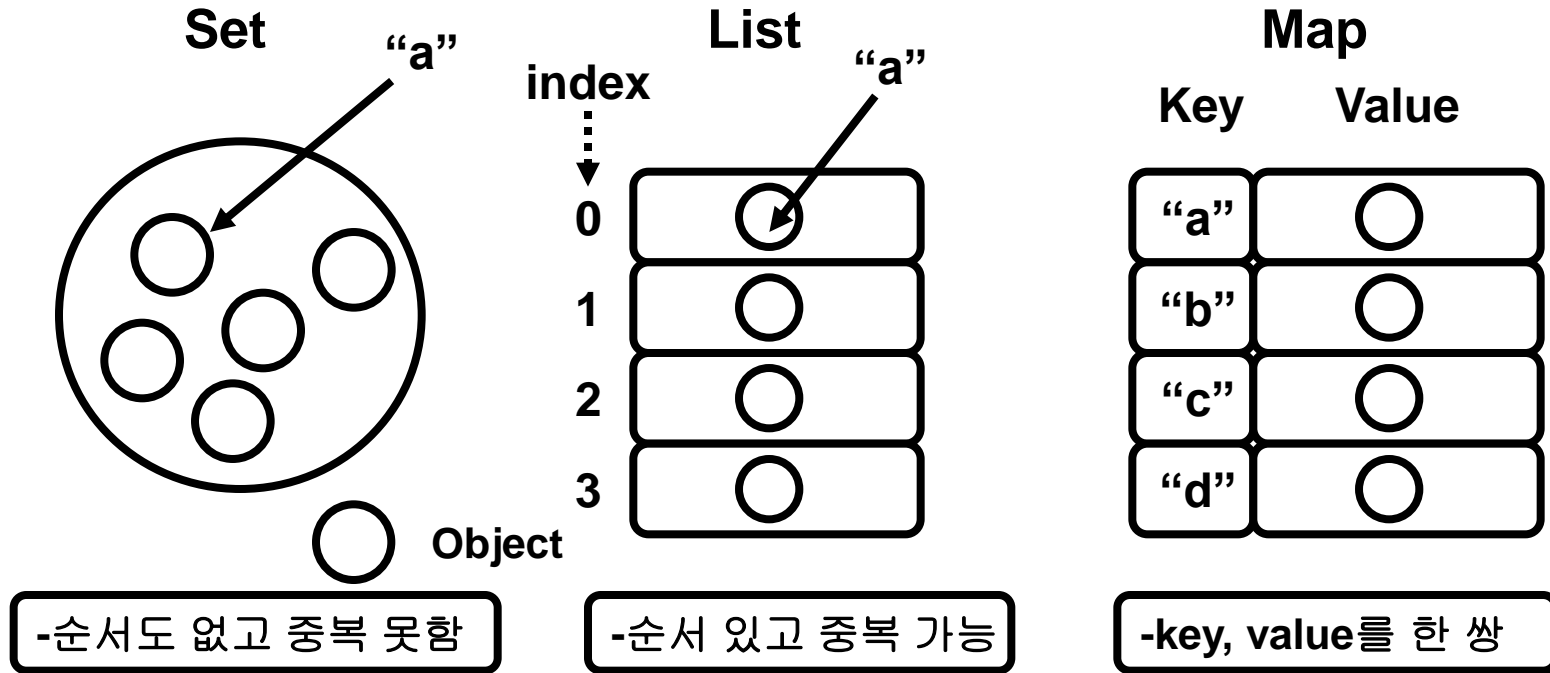
hasMoreElements () : boolean
nextElement () : Object



@ JCF & Collections

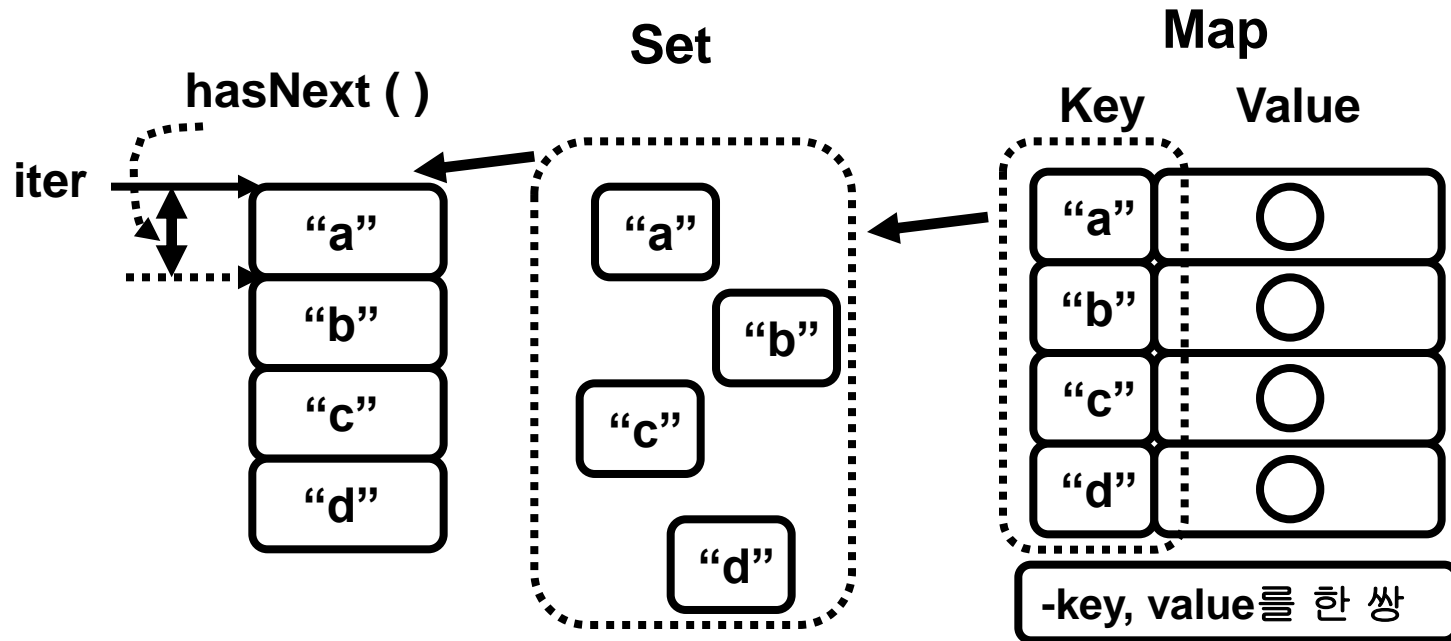
Collections
<ul style="list-style-type: none"><u>+void reverse (List list)</u><u>+Comparator reverseOrder ()</u><u>+void rotate (List list, int distance)</u><u>+void shuffle (List list)</u><u>+void shuffle (List list, Random rnd)</u><u>+void sort (List list)</u><u>+void sort (List list, Comparator c)</u><u>+void swap (List list, int i, int j)</u><u>+List synchronizedList (List list)</u><u>+Map synchronizedMap (Map m)</u><u>+Set synchronizedSet (Set s)</u>

@ JCF



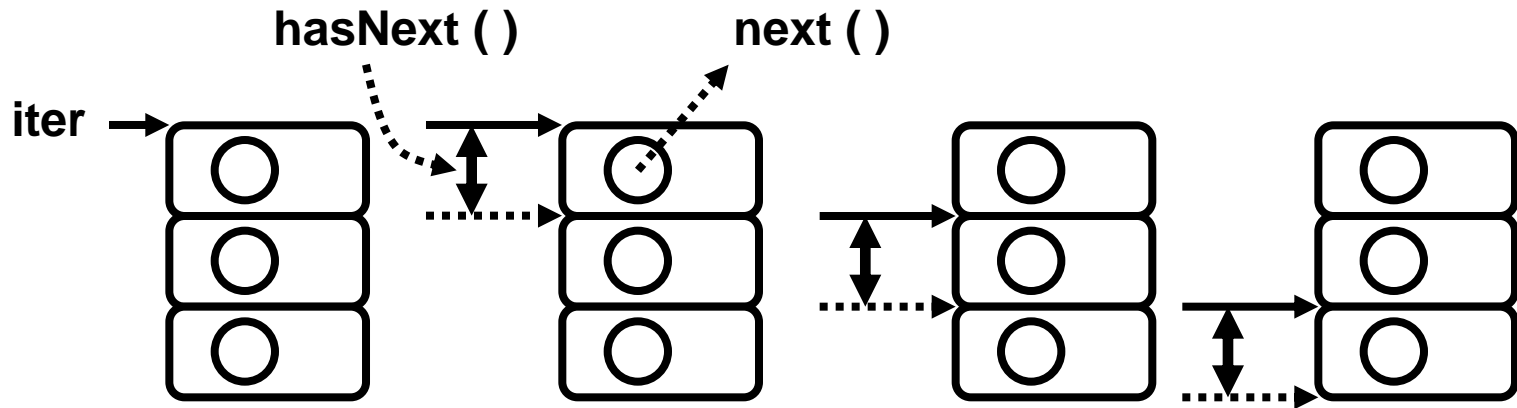
String → Object (promotion) → String (String) casting

@ JCF- Map



```
Set set = map.keySet ( ); //key값을 Set으로  
Iterator iter = set.iterator ( );
```

@ List



```
List lists = new ArrayList();  
Iterator iter = lists.iterator();  
while ( iter.hasNext() ){  
    MyType type = (MyType) iter.next();  
    ....  
}
```


@ Serializable (직렬화)

