



java.util.\*

## Miscellaneous Collections



### Iterator

Collectors  
void remove ()  
Other Public Methods  
boolean hasNext ()  
Object next ()



### ListIterator

Accessors + Collectors  
void set (Object o)  
void add (Object o)  
void remove ()  
Other Public Methods  
boolean hasNext ()  
boolean hasPrevious ()  
Object next ()  
int nextIndex ()  
Object previous ()  
int previousIndex ()



### Comparator

Object  
boolean equals (Object obi)  
Other Public Methods  
int compare (Object o1, Object o2)



### Enumeration

boolean hasMoreElements ()  
Object nextElement ()



### StringTokenizer

**StringTokenizer** (String str)  
**StringTokenizer** (String str, String delim)  
**StringTokenizer** (String str, String delim, boolean returnDelims)

int countTokens ()  
boolean hasMoreElements ()  
Object nextElement ()  
String nextToken ()  
String nextToken (String delim)



### Serializable



### BitSet

**BitSet** ()  
**BitSet** (int nbits)

Accessors  
boolean get / set (int bitIndex)  
BitSet get (int fromIndex, int toIndex)  
boolean isEmpty ()  
void set (int bitIndex)  
void set (int fromIndex, int toIndex)  
void set (int fromIndex, int toIndex, boolean value)

Object  
boolean done ()  
boolean equals (Object obi)  
int hashCode ()  
String toString ()  
Other Public Methods  
void and (BitSet set)  
void andNot (BitSet set)  
int cardinality ()  
void clear ()  
void clear (int bitIndex)  
void clear (int fromIndex, int toIndex)  
void flip (int bitIndex)  
void flip (int fromIndex, int toIndex)  
boolean intersects (BitSet set)

int length ()  
int nextClearBit (int fromIndex)  
int nextSetBit (int fromIndex)  
void or (BitSet set)  
int size ()  
void xor (BitSet set)



### Collections

int **binarySearch** (List list, Object key)  
int **binarySearch** (List list, Object key, Comparator c)  
void **copy** (List dest, List src)  
Enumeration **enumeration** (Collection c)  
void **fill** (List list, Object obj)  
int **indexOfSubList** (List source, List target)  
int **lastIndexOfSubList** (List source, List target)  
ArrayList **list** (Enumeration e)  
Object **max** (Collection coll)  
Object **max** (Collection coll, Comparator comp)  
Object **min** (Collection coll)  
Object **min** (Collection coll, Comparator comp)  
List **nCopies** (int n, Object o)  
boolean **replaceAll** (List list, Object oldVal, Object newVal)  
void **reverse** (List list)  
Comparator **reverseOrder** ()  
void **rotate** (List list, int distance)  
void **shuffle** (List list)  
void **shuffle** (List list, Random rnd)  
Set **singleton** (Object o)  
List **singletonList** (Object o)  
Map **singletonMap** (Object key, Object value)  
void **sort** (List list)  
void **sort** (List list, Comparator c)  
void **swap** (List list, int i, int j)  
Collection **synchronizedCollection** (Collection c)  
List **synchronizedList** (List list)  
Map **synchronizedMap** (Map m)  
Set **synchronizedSet** (Set s)  
SortedMap **synchronizedSortedMap** (SortedMap m)  
SortedSet **synchronizedSortedSet** (SortedSet s)  
Collection **unmodifiableCollection** (Collection c)  
List **unmodifiableList** (List list)  
Map **unmodifiableMap** (Map m)  
Set **unmodifiableSet** (Set s)  
SortedMap **unmodifiableSortedMap** (SortedMap m)  
SortedSet **unmodifiableSortedSet** (SortedSet s)

Set **EMPTY\_SET**  
List **EMPTY\_LIST**  
Map **EMPTY\_MAP**



### Arrays

List **asList** (Object[] a)  
int **binarySearch** (long[] a, long key)  
int **binarySearch** (int[] a, int key)  
int **binarySearch** (short[] a, short key)  
int **binarySearch** (char[] a, char key)  
int **binarySearch** (byte[] a, byte key)  
int **binarySearch** (double[] a, double key)  
int **binarySearch** (float[] a, float key)  
int **binarySearch** (Object[] a, Object key)  
int **binarySearch** (Object[] a, Object key, Comparator c)  
boolean **equals** (long[] a, long[] a2)  
boolean **equals** (int[] a, int[] a2)  
boolean **equals** (short[] a, short[] a2)  
boolean **equals** (char[] a, char[] a2)  
boolean **equals** (byte[] a, byte[] a2)  
boolean **equals** (boolean[] a, boolean[] a2)  
boolean **equals** (double[] a, double[] a2)  
boolean **equals** (float[] a, float[] a2)  
boolean **equals** (Object[] a, Object[] a2)  
void **fill** (long[] a, long val)  
void **fill** (int[] a, int val)  
void **fill** (short[] a, short val)  
void **fill** (char[] a, char val)  
void **fill** (byte[] a, byte val)  
void **fill** (boolean[] a, boolean val)  
void **fill** (double[] a, double val)  
void **fill** (float[] a, float val)  
void **fill** (Object[] a, Object val)  
void **fill** (long[] a, int fromIndex, int toIndex, long val)  
void **fill** (int[] a, int fromIndex, int toIndex, int val)  
void **fill** (short[] a, int fromIndex, int toIndex, short val)  
void **fill** (char[] a, int fromIndex, int toIndex, char val)  
void **fill** (byte[] a, int fromIndex, int toIndex, byte val)  
void **fill** (boolean[] a, int fromIndex, int toIndex, boolean val)  
void **fill** (double[] a, int fromIndex, int toIndex, double val)  
void **fill** (float[] a, int fromIndex, int toIndex, float val)  
void **fill** (Object[] a, int fromIndex, int toIndex, Object val)  
void **sort** (long[] a)  
void **sort** (int[] a)  
void **sort** (short[] a)  
void **sort** (char[] a)  
void **sort** (byte[] a)  
void **sort** (double[] a)  
void **sort** (float[] a)  
void **sort** (Object[] a)  
void **sort** (Object[] a, Comparator c)  
void **sort** (long[] a, int fromIndex, int toIndex)  
void **sort** (int[] a, int fromIndex, int toIndex)  
void **sort** (short[] a, int fromIndex, int toIndex)  
void **sort** (char[] a, int fromIndex, int toIndex)  
void **sort** (byte[] a, int fromIndex, int toIndex)  
void **sort** (double[] a, int fromIndex, int toIndex)  
void **sort** (float[] a, int fromIndex, int toIndex)  
void **sort** (Object[] a, int fromIndex, int toIndex)  
void **sort** (Object[] a, int fromIndex, int toIndex, Comparator c)