



# java.util.\* Legacy Collections

Methods declared in supertypes are hidden in subtypes

**Collection**


Accessors + Collectors  
boolean isEmpty ()  
boolean add / remove (Object o)  
boolean add / removeAll (Collection c)  
Object  
boolean equals (Object o)  
int hashCode ()  
Other Public Methods  
void clear ()  
boolean contains (Object o)  
boolean containsAll (Collection c)  
Iterator iterator ()  
boolean retainAll (Collection c)  
int size ()  
Object[] toArray ()  
Object[] toArray (Object[])


**List**

Accessors  
Object get / set (int index)  
Object set (int index, Object element)  
Collectors  
void add (int index, Object element)  
boolean addAll (int index, Collection c)  
Object remove (int index)  
Other Public Methods  
int indexOf (Object o)  
int lastIndexOf (Object o)  
ListIterator listIterator ()  
ListIterator listIterator (int index)  
List subList (int fromIndex, int toIndex)


**AbstractList**

# AbstractList ()  
# void removeRange (int fromIndex, int toIndex)


**RandomAccess**

**Vector**

**Vector ()**  
**Vector** (int initialCapacity)  
**Vector** (Collection c)  
**Vector** (int initialCapacity, int capacityIncrement)  
Accessors  
void setElementAt (Object obj, int index)  
void setSize (int newSize)  
Collectors  
void addElement (Object obj)  
void insertElementAt (Object obj, int index)  
void removeAllElements ()  
boolean removeElement (Object obj)  
void removeElementAt (int index)  
Object  
Object clone ()  
String toString ()  
Other Public Methods  
int capacity ()  
void copyInto (Object anArray[])  
Object elementAt (int index)  
Enumeration elements ()  
void ensureCapacity (int minCapacity)  
Object firstElement ()  
int indexOf (Object elem, int index)  
Object lastElement ()  
int lastIndexOf (Object elem, int index)  
void trimToSize ()

**Stack**


**Stack ()**  
boolean empty ()  
Object peek ()  
Object pop ()  
Object push (Object item)  
int search (Object o)

**Dictionary**


Accessors + Collectors  
Object get (Object key)  
boolean isEmpty ()  
Object put (Object key, Object value)  
Object remove (Object key)  
Other Public Methods  
Enumeration elements ()  
Enumeration keys ()  
int size ()

**Serializable**

**Cloneable**

**Hashtable**

**Hashtable ()**  
**Hashtable** (int initialCapacity)  
**Hashtable** (Map t)  
**Hashtable** (int initialCapacity, float loadFactor)  
Object  
Object clone ()  
String toString ()  
Other Methods  
boolean contains (Object value)  
# void rehash ()

**Properties**

**Properties ()**  
**Properties** (Properties defaults)  
Accessors  
String get / setProperty (String key)  
String getProperty (String key, String defaultValue)  
Object setProperty (String key, String value)  
Other Public Methods  
void list (PrintStream out)  
void list (PrintWriter out)  
void load (InputStream inStream) ↴  
Enumeration propertyNames ()  
void store (OutputStream out, String header) ↴

**Map**

Accessors + Collectors  
Object get (Object key)  
boolean isEmpty ()  
Object put (Object key, Object value)  
void putAll (Map t)  
Object remove (Object key)  
Object  
boolean equals (Object o)  
int hashCode ()  
Other Public Methods  
void clear ()  
boolean containsKey (Object key)  
boolean containsValue (Object value)  
Set entrySet ()  
Set keySet ()  
int size ()  
Collection values ()  
Interface Entry