

JavaRedux - API

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Chapter 1

Package java.lang

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1.1 Interfaces

1.1.1 INTERFACE Cloneable

DECLARATION

```
public interface Cloneable
```

1.1.2 INTERFACE Comparable

DECLARATION

```
public interface Comparable
```

METHODS

- *compareTo*
`public int compareTo(java.lang.Object arg0)`

1.1.3 INTERFACE Iterable

DECLARATION

```
public interface Iterable
```

METHODS

- *iterator*
`public Iterator iterator()`

1.2 Classes

1.2.1 CLASS ArithmeticException

DECLARATION

```
public class ArithmeticException  
extends java.lang.RuntimeException
```

CONSTRUCTORS

- *ArithmeticException*
public **ArithmeticException**()
- *ArithmeticException*
public **ArithmeticException**(java.lang.String arg0)

METHODS INHERITED FROM CLASS java.lang.RuntimeException

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METHODS INHERITED FROM CLASS java.lang.Exception

(in 1.2.10, page 13)

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable **fillInStackTrace**()
- *getCause*
public Throwable **getCause**()
- *getLocalizedMessage*
public String **getLocalizedMessage**()
- *getMessage*
public String **getMessage**()
- *initCause*
public Throwable **initCause**(java.lang.Throwable arg0)
- *printStackTrace*
public void **printStackTrace**()
- *toString*
public String **toString**()

1.2.2 CLASS *ArrayIndexOutOfBoundsException*

DECLARATION

<pre>public class ArrayIndexOutOfBoundsException extends java.lang.IndexOutOfBoundsException</pre>

CONSTRUCTORS

- *ArrayIndexOutOfBoundsException*
public **ArrayIndexOutOfBoundsException**()
- *ArrayIndexOutOfBoundsException*
public **ArrayIndexOutOfBoundsException**(int arg0)
- *ArrayIndexOutOfBoundsException*
public **ArrayIndexOutOfBoundsException**(java.lang.String arg0)

METHODS INHERITED FROM CLASS java.lang.IndexOutOfBoundsException

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METHODS INHERITED FROM CLASS java.lang.RuntimeException

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METHODS INHERITED FROM CLASS java.lang.Exception

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METHODS INHERITED FROM CLASS java.lang.Throwable

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- *fillInStackTrace*
public Throwable **fillInStackTrace**()
- *getCause*
public Throwable **getCause**()
- *getLocalizedMessage*
public String **getLocalizedMessage**()
- *getMessage*
public String **getMessage**()
- *initCause*
public Throwable **initCause**(java.lang.Throwable arg0)
- *printStackTrace*
public void **printStackTrace**()
- *toString*
public String **toString**()

1.2.3 CLASS *ArrayStoreException*

DECLARATION

```
public class ArrayStoreException
extends java.lang.RuntimeException
```

CONSTRUCTORS

- *ArrayStoreException*
public **ArrayStoreException**()
- *ArrayStoreException*
public **ArrayStoreException**(java.lang.String arg0)

METHODS INHERITED FROM CLASS java.lang.RuntimeException

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METHODS INHERITED FROM CLASS java.lang.Exception

(in 1.2.10, page 13)

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable **fillInStackTrace**()
- *getCause*
public Throwable **getCause**()
- *getLocalizedMessage*
public String **getLocalizedMessage**()
- *getMessage*
public String **getMessage**()
- *initCause*
public Throwable **initCause**(java.lang.Throwable arg0)
- *printStackTrace*
public void **printStackTrace**()
- *toString*
public String **toString**()

1.2.4 CLASS **AssertionError**

DECLARATION

```
public class AssertionError
extends java.lang.Error
```

CONSTRUCTORS

- *AssertionError*
public AssertionError(boolean detailMessage)
- *AssertionError*
public AssertionError(char detailMessage)
- *AssertionError*
public AssertionError(double detailMessage)
- *AssertionError*
public AssertionError(float detailMessage)
- *AssertionError*
public AssertionError(int detailMessage)
- *AssertionError*
public AssertionError(long detailMessage)
- *AssertionError*
public AssertionError(java.lang.Object detailMessage)

METHODS INHERITED FROM CLASS java.lang.Error

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METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable fillInStackTrace()
- *getCause*
public Throwable getCause()
- *getLocalizedMessage*
public String getLocalizedMessage()
- *getMessage*
public String getMessage()
- *initCause*
public Throwable initCause(java.lang.Throwable arg0)
- *printStackTrace*
public void printStackTrace()
- *toString*
public String toString()

1.2.5 CLASS Class

DECLARATION

```
public final class Class
extends java.lang.Object
```

CONSTRUCTORS

- *Class*
public **Class**()

1.2.6 CLASS **ClassCastException**

DECLARATION

```
public class ClassCastException
extends java.lang.RuntimeException
```

CONSTRUCTORS

- *ClassCastException*
public **ClassCastException**()
- *ClassCastException*
public **ClassCastException**(java.lang.String arg0)

METHODS INHERITED FROM CLASS java.lang.RuntimeException

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METHODS INHERITED FROM CLASS java.lang.Exception

(in 1.2.10, page 13)

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public **Throwable fillInStackTrace**()
- *getCause*
public **Throwable getCause**()
- *getLocalizedMessage*

- *getMessage*
public String getMessage()
- *initCause*
public Throwable initCause(java.lang.Throwable arg0)
- *printStackTrace*
public void printStackTrace()
- *toString*
public String toString()

1.2.7 CLASS CloneNotSupportedException

DECLARATION

```
public class CloneNotSupportedException
extends java.lang.Exception
```

CONSTRUCTORS

- *CloneNotSupportedException*
public CloneNotSupportedException()
- *CloneNotSupportedException*
public CloneNotSupportedException(java.lang.String arg0)

METHODS INHERITED FROM CLASS java.lang.Exception

(in 1.2.10, page 13)

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable fillInStackTrace()
- *getCause*
public Throwable getCause()
- *getLocalizedMessage*
public String getLocalizedMessage()
- *getMessage*
public String getMessage()
- *initCause*
public Throwable initCause(java.lang.Throwable arg0)
- *printStackTrace*
public void printStackTrace()
- *toString*
public String toString()

1.2.8 CLASS Enum

DECLARATION

```
public abstract class Enum
extends java.lang.Object
implements Comparable, java.io.Serializable
```

CONSTRUCTORS

- *Enum*
protected **Enum**(java.lang.String arg0, int arg1)

METHODS

- *clone*
protected final **Object clone**()
- *compareTo*
public final int **compareTo**(java.lang.Enum arg0)
- *compareTo*
public int **compareTo**(java.lang.Object arg0)
- *equals*
public final boolean **equals**(java.lang.Object arg0)
- *finalize*
protected final void **finalize**()
- *hashCode*
public final int **hashCode**()
- *name*
public final String **name**()
- *ordinal*
public final int **ordinal**()
- *toString*
public String **toString**()

1.2.9 CLASS Error

DECLARATION

```
public class Error
extends java.lang.Throwable
```

CONSTRUCTORS

- *Error*
public Error()
- *Error*
public Error(java.lang.String arg0)
- *Error*
public Error(java.lang.String arg0, java.lang.Throwable arg1)
- *Error*
public Error(java.lang.Throwable arg0)

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable fillInStackTrace()
- *getCause*
public Throwable getCause()
- *getLocalizedMessage*
public String getLocalizedMessage()
- *getMessage*
public String getMessage()
- *initCause*
public Throwable initCause(java.lang.Throwable arg0)
- *printStackTrace*
public void printStackTrace()
- *toString*
public String toString()

1.2.10 CLASS Exception

DECLARATION

```
public class Exception
extends java.lang.Throwable
```

CONSTRUCTORS

- *Exception*
public Exception()
- *Exception*
public Exception(java.lang.String arg0)
- *Exception*
public Exception(java.lang.String arg0, java.lang.Throwable arg1)
- *Exception*

METHODS INHERITED FROM CLASS `java.lang.Throwable`

(in 1.2.24, page 29)

- *fillInStackTrace*
`public Throwable fillInStackTrace()`
- *getCause*
`public Throwable getCause()`
- *getLocalizedMessage*
`public String getLocalizedMessage()`
- *getMessage*
`public String getMessage()`
- *initCause*
`public Throwable initCause(java.lang.Throwable arg0)`
- *printStackTrace*
`public void printStackTrace()`
- *toString*
`public String toString()`

1.2.11 CLASS `ExceptionInInitializerError`

DECLARATION

```
public class ExceptionInInitializerError
extends java.lang.LinkageError
```

CONSTRUCTORS

- *ExceptionInInitializerError*
`public ExceptionInInitializerError()`
- *ExceptionInInitializerError*
`public ExceptionInInitializerError(java.lang.String arg0)`
- *ExceptionInInitializerError*
`public ExceptionInInitializerError(java.lang.Throwable arg0)`

METHODS

- *getCause*
`public Throwable getCause()`
- *getException*
`public Throwable getException()`

METHODS INHERITED FROM CLASS `java.lang.LinkageError`

METHODS INHERITED FROM CLASS `java.lang.Error`

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METHODS INHERITED FROM CLASS `java.lang.Throwable`

(in 1.2.24, page 29)

- *fillInStackTrace*
`public Throwable fillInStackTrace()`
- *getCause*
`public Throwable getCause()`
- *getLocalizedMessage*
`public String getLocalizedMessage()`
- *getMessage*
`public String getMessage()`
- *initCause*
`public Throwable initCause(java.lang.Throwable arg0)`
- *printStackTrace*
`public void printStackTrace()`
- *toString*
`public String toString()`

1.2.12 CLASS `IllegalArgumentException`

DECLARATION

<pre>public class IllegalArgumentException extends java.lang.RuntimeException</pre>
--

CONSTRUCTORS

- *IllegalArgumentException*
`public IllegalArgumentException()`
- *IllegalArgumentException*
`public IllegalArgumentException(java.lang.String arg0)`

METHODS INHERITED FROM CLASS `java.lang.RuntimeException`

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METHODS INHERITED FROM CLASS `java.lang.Exception`

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable fillInStackTrace()
- *getCause*
public Throwable getCause()
- *getLocalizedMessage*
public String getLocalizedMessage()
- *getMessage*
public String getMessage()
- *initCause*
public Throwable initCause(java.lang.Throwable arg0)
- *printStackTrace*
public void printStackTrace()
- *toString*
public String toString()

1.2.13 CLASS IndexOutOfBoundsException

DECLARATION

```
public class IndexOutOfBoundsException
extends java.lang.RuntimeException
```

CONSTRUCTORS

- *IndexOutOfBoundsException*
public IndexOutOfBoundsException()
- *IndexOutOfBoundsException*
public IndexOutOfBoundsException(java.lang.String arg0)

METHODS INHERITED FROM CLASS java.lang.RuntimeException

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METHODS INHERITED FROM CLASS java.lang.Exception

(in 1.2.10, page 13)

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable fillInStackTrace()
- *getCause*
public Throwable getCause()
- *getLocalizedMessage*
public String getLocalizedMessage()
- *getMessage*
public String getMessage()
- *initCause*
public Throwable initCause(java.lang.Throwable arg0)
- *printStackTrace*
public void printStackTrace()
- *toString*
public String toString()

1.2.14 CLASS InterruptedException

DECLARATION

```
public class InterruptedException
extends java.lang.Exception
```

CONSTRUCTORS

- *InterruptedException*
public InterruptedException()
- *InterruptedException*
public InterruptedException(java.lang.String arg0)

METHODS INHERITED FROM CLASS java.lang.Exception

(in 1.2.10, page 13)

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable fillInStackTrace()
- *getCause*
public Throwable getCause()

- *getLocalizedMessage*
public String **getLocalizedMessage**()
- *getMessage*
public String **getMessage**()
- *initCause*
public Throwable **initCause**(java.lang.Throwable arg0)
- *printStackTrace*
public void **printStackTrace**()
- *toString*
public String **toString**()

1.2.15 CLASS LinkageError

DECLARATION

<pre>public class LinkageError extends java.lang.Error</pre>

CONSTRUCTORS

- *LinkageError*
public **LinkageError**()
- *LinkageError*
public **LinkageError**(java.lang.String arg0)

METHODS INHERITED FROM CLASS java.lang.Error

(in 1.2.9, page 12)

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable **fillInStackTrace**()
- *getCause*
public Throwable **getCause**()
- *getLocalizedMessage*
public String **getLocalizedMessage**()
- *getMessage*
public String **getMessage**()
- *initCause*
public Throwable **initCause**(java.lang.Throwable arg0)
- *printStackTrace*
public void **printStackTrace**()
- *toString*

1.2.16 CLASS NegativeArraySizeException

DECLARATION

```
public class NegativeArraySizeException
extends java.lang.RuntimeException
```

CONSTRUCTORS

- *NegativeArraySizeException*
public NegativeArraySizeException()
- *NegativeArraySizeException*
public NegativeArraySizeException(java.lang.String arg0)

METHODS INHERITED FROM CLASS java.lang.RuntimeException

(in 1.2.21, page 23)

METHODS INHERITED FROM CLASS java.lang.Exception

(in 1.2.10, page 13)

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable fillInStackTrace()
- *getCause*
public Throwable getCause()
- *getLocalizedMessage*
public String getLocalizedMessage()
- *getMessage*
public String getMessage()
- *initCause*
public Throwable initCause(java.lang.Throwable arg0)
- *printStackTrace*
public void printStackTrace()
- *toString*
public String toString()

1.2.17 CLASS NoClassDefFoundError

DECLARATION

```
public class NoClassDefFoundError
extends java.lang.LinkageError
```

CONSTRUCTORS

- *NoClassDefFoundError*
public NoClassDefFoundError()
- *NoClassDefFoundError*
public NoClassDefFoundError(java.lang.String arg0)

METHODS INHERITED FROM CLASS java.lang.LinkageError

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METHODS INHERITED FROM CLASS java.lang.Error

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METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable fillInStackTrace()
- *getCause*
public Throwable getCause()
- *getLocalizedMessage*
public String getLocalizedMessage()
- *getMessage*
public String getMessage()
- *initCause*
public Throwable initCause(java.lang.Throwable arg0)
- *printStackTrace*
public void printStackTrace()
- *toString*
public String toString()

1.2.18 CLASS *NullPointerException*

DECLARATION

```
public class NullPointerException
extends java.lang.RuntimeException
```

CONSTRUCTORS

- *NullPointerException*
public NullPointerException()
- *NullPointerException*
public NullPointerException(java.lang.String arg0)

METHODS INHERITED FROM CLASS java.lang.RuntimeException

(in 1.2.21, page 23)

METHODS INHERITED FROM CLASS java.lang.Exception

(in 1.2.10, page 13)

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable fillInStackTrace()
- *getCause*
public Throwable getCause()
- *getLocalizedMessage*
public String getLocalizedMessage()
- *getMessage*
public String getMessage()
- *initCause*
public Throwable initCause(java.lang.Throwable arg0)
- *printStackTrace*
public void printStackTrace()
- *toString*
public String toString()

1.2.19 CLASS NumberFormatException

DECLARATION

<pre>public class NumberFormatException extends java.lang.RuntimeException</pre>

CONSTRUCTORS

- *NumberFormatException*
public **NumberFormatException**()
- *NumberFormatException*
public **NumberFormatException**(java.lang.String arg0)

METHODS INHERITED FROM CLASS java.lang.RuntimeException

(in 1.2.21, page 23)

METHODS INHERITED FROM CLASS java.lang.Exception

(in 1.2.10, page 13)

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public **Throwable fillInStackTrace**()
- *getCause*
public **Throwable getCause**()
- *getLocalizedMessage*
public **String getLocalizedMessage**()
- *getMessage*
public **String getMessage**()
- *initCause*
public **Throwable initCause**(java.lang.Throwable arg0)
- *printStackTrace*
public **void printStackTrace**()
- *toString*
public **String toString**()

1.2.20 CLASS Object

DECLARATION

public class Object

CONSTRUCTORS

- *Object*

METHODS

- *clone*
protected Object clone()
- *equals*
public boolean equals(java.lang.Object arg0)
- *finalize*
protected void finalize()
- *hashCode*
public int hashCode()
- *notify*
public final void notify()
- *notifyAll*
public final void notifyAll()
- *toString*
public String toString()
- *wait*
public final void wait()
- *wait*
public final void wait(long arg0)
- *wait*
public final void wait(long arg0, int arg1)

1.2.21 CLASS RuntimeException

DECLARATION

<pre>public class RuntimeException extends java.lang.Exception</pre>

CONSTRUCTORS

- *RuntimeException*
public RuntimeException()
- *RuntimeException*
public RuntimeException(java.lang.String arg0)
- *RuntimeException*
public RuntimeException(java.lang.String arg0, java.lang.Throwable arg1)
- *RuntimeException*

METHODS INHERITED FROM CLASS java.lang.Exception

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METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable fillInStackTrace()
- *getCause*
public Throwable getCause()
- *getLocalizedMessage*
public String getLocalizedMessage()
- *getMessage*
public String getMessage()
- *initCause*
public Throwable initCause(java.lang.Throwable arg0)
- *printStackTrace*
public void printStackTrace()
- *toString*
public String toString()

1.2.22 CLASS String

DECLARATION

```
public final class String
extends java.lang.Object
implements java.io.Serializable, Comparable
```

CONSTRUCTORS

- *String*
public String()
- *String*
public String(byte [] arg0)
- *String*
public String(byte [] arg0, int arg1)
- *String*
public String(byte [] arg0, int arg1, int arg2)
- *String*
public String(byte [] arg0, int arg1, int arg2, int arg3)

- *String*
public String(char [] arg0)
- *String*
public String(char [] arg0, int arg1, int arg2)
- *String*
public String(int [] arg0, int arg1, int arg2)
- *String*
public String(java.lang.String arg0)

METHODS

- *charAt*
public char charAt(int arg0)
- *codePointAt*
public int codePointAt(int arg0)
- *codePointBefore*
public int codePointBefore(int arg0)
- *codePointCount*
public int codePointCount(int arg0, int arg1)
- *compareTo*
public int compareTo(java.lang.Object arg0)
- *compareTo*
public int compareTo(java.lang.String arg0)
- *compareToIgnoreCase*
public int compareToIgnoreCase(java.lang.String arg0)
- *concat*
public String concat(java.lang.String arg0)
- *copyValueOf*
public static String copyValueOf(char [] arg0)
- *copyValueOf*
public static String copyValueOf(char [] arg0, int arg1, int arg2)
- *endsWith*
public boolean endsWith(java.lang.String arg0)
- *equals*
public boolean equals(java.lang.Object arg0)
- *equalsIgnoreCase*
public boolean equalsIgnoreCase(java.lang.String arg0)
- *format*
public static String format(java.lang.String arg0, java.lang.Object []
arg1)

- *getBytes*
public byte getBytes()
- *getBytes*
public void getBytes(int arg0, int arg1, byte [] arg2, int arg3)
- *getChars*
public void getChars(int arg0, int arg1, char [] arg2, int arg3)
- *hashCode*
public int hashCode()
- *indexOf*
public int indexOf(int arg0)
- *indexOf*
public int indexOf(int arg0, int arg1)
- *indexOf*
public int indexOf(java.lang.String arg0)
- *indexOf*
public int indexOf(java.lang.String arg0, int arg1)
- *intern*
public String intern()
- *isEmpty*
public boolean isEmpty()
- *lastIndexOf*
public int lastIndexOf(int arg0)
- *lastIndexOf*
public int lastIndexOf(int arg0, int arg1)
- *lastIndexOf*
public int lastIndexOf(java.lang.String arg0)
- *lastIndexOf*
public int lastIndexOf(java.lang.String arg0, int arg1)
- *length*
public int length()
- *matches*
public boolean matches(java.lang.String arg0)
- *offsetByCodePoints*
public int offsetByCodePoints(int arg0, int arg1)
- *regionMatches*
public boolean regionMatches(boolean arg0, int arg1, java.lang.String arg2, int arg3, int arg4)
- *regionMatches*
public boolean regionMatches(int arg0, java.lang.String arg1, int arg2,

- *replace*
public String replace(char arg0, char arg1)
- *replaceAll*
public String replaceAll(java.lang.String arg0, java.lang.String arg1)
- *replaceFirst*
public String replaceFirst(java.lang.String arg0, java.lang.String arg1)
- *split*
public String split(java.lang.String arg0)
- *split*
public String split(java.lang.String arg0, int arg1)
- *startsWith*
public boolean startsWith(java.lang.String arg0)
- *startsWith*
public boolean startsWith(java.lang.String arg0, int arg1)
- *substring*
public String substring(int arg0)
- *substring*
public String substring(int arg0, int arg1)
- *toCharArray*
public char toCharArray()
- *toLowerCase*
public String toLowerCase()
- *toString*
public String toString()
- *toUpperCase*
public String toUpperCase()
- *trim*
public String trim()
- *valueOf*
public static String valueOf(boolean arg0)
- *valueOf*
public static String valueOf(char arg0)
- *valueOf*
public static String valueOf(char [] arg0)
- *valueOf*
public static String valueOf(char [] arg0, int arg1, int arg2)
- *valueOf*
public static String valueOf(double arg0)
- *valueOf*

- *valueOf*
public static String valueOf(int arg0)
- *valueOf*
public static String valueOf(long arg0)
- *valueOf*
public static String valueOf(java.lang.Object arg0)

1.2.23 CLASS StringBuffer

DECLARATION

```
public class StringBuffer
extends java.lang.Object
implements java.io.Serializable
```

CONSTRUCTORS

- *StringBuffer*
public StringBuffer()
- *StringBuffer*
public StringBuffer(int n)
- *StringBuffer*
public StringBuffer(java.lang.String s)

METHODS

- *append*
public StringBuffer append(boolean b)
- *append*
public StringBuffer append(char c)
- *append*
public StringBuffer append(int i)
- *append*
public StringBuffer append(long l)
- *append*
public StringBuffer append(java.lang.Object obj)
- *append*
public StringBuffer append(java.lang.StringBuffer sb)
- *charAt*
public char charAt(int index)
- *length*

1.2.24 CLASS Throwable

DECLARATION

```
public class Throwable
extends java.lang.Object
implements java.io.Serializable
```

CONSTRUCTORS

- *Throwable*
public Throwable()
- *Throwable*
public Throwable(java.lang.String arg0)
- *Throwable*
public Throwable(java.lang.String arg0, java.lang.Throwable arg1)
- *Throwable*
public Throwable(java.lang.Throwable arg0)

METHODS

- *fillInStackTrace*
public Throwable fillInStackTrace()
- *getCause*
public Throwable getCause()
- *getLocalizedMessage*
public String getLocalizedMessage()
- *getMessage*
public String getMessage()
- *initCause*
public Throwable initCause(java.lang.Throwable arg0)
- *printStackTrace*
public void printStackTrace()
- *toString*
public String toString()

Chapter 2

Package java.io

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2.1 Interfaces

2.1.1 INTERFACE *Serializable*

DECLARATION

public interface <i>Serializable</i>

2.2 Classes

2.2.1 CLASS *IOException*

DECLARATION

public class <i>IOException</i> extends java.lang.Exception

CONSTRUCTORS

- *IOException*
public *IOException*()
- *IOException*
public *IOException*(java.lang.String arg0)
- *IOException*
public *IOException*(java.lang.String arg0, java.lang.Throwable arg1)
- *IOException*
public *IOException*(java.lang.Throwable arg0)

METHODS INHERITED FROM CLASS java.lang.Exception

(in 1.2.10, page 13)

METHODS INHERITED FROM CLASS java.lang.Throwable

(in 1.2.24, page 29)

- *fillInStackTrace*
public Throwable *fillInStackTrace*()
- *getCause*
public Throwable *getCause*()
- *getLocalizedMessage*

- *getMessage*
public String getMessage()
- *initCause*
public Throwable initCause(java.lang.Throwable arg0)
- *printStackTrace*
public void printStackTrace()
- *toString*
public String toString()

Chapter 3

Package java.util

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3.1 Interfaces

3.1.1 INTERFACE Collection

DECLARATION

<pre>public interface Collection implements java.lang.Iterable</pre>

METHODS

- *add*
public boolean add(java.lang.Object arg0)
- *addAll*
public boolean addAll(java.util.Collection arg0)
- *clear*
public void clear()
- *contains*
public boolean contains(java.lang.Object arg0)
- *containsAll*
public boolean containsAll(java.util.Collection arg0)
- *equals*
public boolean equals(java.lang.Object arg0)
- *hashCode*
public int hashCode()
- *isEmpty*
public boolean isEmpty()
- *iterator*
public Iterator iterator()
- *remove*
public boolean remove(java.lang.Object arg0)
- *removeAll*
public boolean removeAll(java.util.Collection arg0)
- *retainAll*
public boolean retainAll(java.util.Collection arg0)
- *size*
public int size()
- *toArray*
public Object toArray()
- *toArray*

3.1.2 INTERFACE **Iterator**

DECLARATION

public interface Iterator

METHODS

- *hasNext*
public boolean hasNext()
- *next*
public Object next()
- *remove*
public void remove()

3.1.3 INTERFACE **List**

DECLARATION

public interface List implements Collection

METHODS

- *add*
public void add(int arg0, java.lang.Object arg1)
- *add*
public boolean add(java.lang.Object arg0)
- *addAll*
public boolean addAll(java.util.Collection arg0)
- *addAll*
public boolean addAll(int arg0, java.util.Collection arg1)
- *clear*
public void clear()
- *contains*
public boolean contains(java.lang.Object arg0)
- *containsAll*
public boolean containsAll(java.util.Collection arg0)

- *equals*
public boolean equals(java.lang.Object arg0)
- *get*
public Object get(int arg0)
- *hashCode*
public int hashCode()
- *indexOf*
public int indexOf(java.lang.Object arg0)
- *isEmpty*
public boolean isEmpty()
- *iterator*
public Iterator iterator()
- *lastIndexOf*
public int lastIndexOf(java.lang.Object arg0)
- *listIterator*
public ListIterator listIterator()
- *listIterator*
public ListIterator listIterator(int arg0)
- *remove*
public Object remove(int arg0)
- *remove*
public boolean remove(java.lang.Object arg0)
- *removeAll*
public boolean removeAll(java.util.Collection arg0)
- *retainAll*
public boolean retainAll(java.util.Collection arg0)
- *set*
public Object set(int arg0, java.lang.Object arg1)
- *size*
public int size()
- *subList*
public List subList(int arg0, int arg1)
- *toArray*
public Object toArray()
- *toArray*
public Object toArray(java.lang.Object [] arg0)

3.1.4 INTERFACE **ListIterator**

DECLARATION

<pre>public interface ListIterator implements Iterator</pre>

METHODS

-
- *add*
public void **add**(java.lang.Object arg0)
 - *hasNext*
public boolean **hasNext**()
 - *hasPrevious*
public boolean **hasPrevious**()
 - *next*
public Object **next**()
 - *nextIndex*
public int **nextIndex**()
 - *previous*
public Object **previous**()
 - *previousIndex*
public int **previousIndex**()
 - *remove*
public void **remove**()
 - *set*
public void **set**(java.lang.Object arg0)

3.1.5 INTERFACE Map

DECLARATION

<pre>public interface Map</pre>

METHODS

-
- *clear*
public void **clear**()
 - *containsKey*
public boolean **containsKey**(java.lang.Object arg0)

- *containsValue*
public boolean containsValue(java.lang.Object arg0)
- *entrySet*
public Set entrySet()
- *equals*
public boolean equals(java.lang.Object arg0)
- *get*
public Object get(java.lang.Object arg0)
- *hashCode*
public int hashCode()
- *isEmpty*
public boolean isEmpty()
- *keySet*
public Set keySet()
- *put*
public Object put(java.lang.Object arg0, java.lang.Object arg1)
- *putAll*
public void putAll(java.util.Map arg0)
- *remove*
public Object remove(java.lang.Object arg0)
- *size*
public int size()
- *values*
public Collection values()

3.1.6 INTERFACE Set

DECLARATION

public interface Set implements Collection
--

METHODS

- *add*
public boolean add(java.lang.Object arg0)
- *addAll*
public boolean addAll(java.util.Collection arg0)
- *clear*

- *contains*
public boolean contains(java.lang.Object arg0)
- *containsAll*
public boolean containsAll(java.util.Collection arg0)
- *equals*
public boolean equals(java.lang.Object arg0)
- *hashCode*
public int hashCode()
- *isEmpty*
public boolean isEmpty()
- *iterator*
public Iterator iterator()
- *remove*
public boolean remove(java.lang.Object arg0)
- *removeAll*
public boolean removeAll(java.util.Collection arg0)
- *retainAll*
public boolean retainAll(java.util.Collection arg0)
- *size*
public int size()
- *toArray*
public Object toArray()
- *toArray*
public Object toArray(java.lang.Object [] arg0)