



java.nio.\*

## Buffer

Methods declared in Buffer are hidden in subtypes

### Buffer

Accessors

boolean **isReadOnly** ()

Other Public Methods

int **capacity** ()

Buffer **clear** ()

Buffer **flip** ()

boolean **hasRemaining** ()

int **limit** ()

Buffer **limit** (int newLimit)

Buffer **mark** ()

int **position** ()

Buffer **position** (int newPosition)

int **remaining** ()

Buffer **reset** ()

Buffer **rewind** ()

### CharSequence

Object

String **toString** ()

Other Public Methods

char **charAt** (int index)

int **length** ()

CharSequence **subSequence** (int start, int end)

### ShortBuffer

Static Methods

ShortBuffer **allocate** (int capacity)

ShortBuffer **wrap** (short[] array)

ShortBuffer **wrap** (short[] array, int offset, int length)

Accessors

short **get** ()

short **get** (int index)

ShortBuffer **get** (short[] dst)

ShortBuffer **get** (short[] dst, int offset, int length)

boolean **isDirect** ()

ShortBuffer **put** (short s)

ShortBuffer **put** (ShortBuffer src)

ShortBuffer **put** (short[] src)

ShortBuffer **put** (int index, short s)

ShortBuffer **put** (short[] src, int offset, int length)

Object

boolean **equals** (Object ob)

int **hashCode** ()

String **toString** ()

Other Public Methods

short[] **array** ()

int **arrayOffset** ()

ShortBuffer **asReadOnlyBuffer** ()

ShortBuffer **compact** ()

int **compareTo** (Object ob)

ShortBuffer **duplicate** ()

boolean **hasArray** ()

ByteOrder **order** ()

ShortBuffer **slice** ()

### CharBuffer

Static Methods

CharBuffer **allocate** (int capacity)

CharBuffer **wrap** (char[] array)

CharBuffer **wrap** (CharSequence csq)

CharBuffer **wrap** (char[] array, int offset, int length)

CharBuffer **wrap** (CharSequence csq, int start, int end)

Accessors

char **get** ()

char **get** (int index)

CharBuffer **get** (char[] dst)

CharBuffer **get** (char[] dst, int offset, int length)

boolean **isDirect** ()

CharBuffer **put** (char c)

CharBuffer **put** (CharBuffer src)

CharBuffer **put** (char[] src)

CharBuffer **put** (String src)

CharBuffer **put** (int index, char c)

CharBuffer **put** (char[] src, int offset, int length)

CharBuffer **put** (String src, int start, int end)

Object

boolean **equals** (Object ob)

int **hashCode** ()

String **toString** ()

Other Public Methods

char[] **array** ()

int **arrayOffset** ()

CharBuffer **asReadOnlyBuffer** ()

char **charAt** (int index)

CharBuffer **compact** ()

int **compareTo** (Object ob)

CharBuffer **duplicate** ()

boolean **hasArray** ()

int **length** ()

ByteOrder **order** ()

CharBuffer **slice** ()

CharSequence **subSequence** (int start, int end)

### IntBuffer

Static Methods

IntBuffer **allocate** (int capacity)

IntBuffer **wrap** (int[] array)

IntBuffer **wrap** (int[] array, int offset, int length)

Accessors

int **get** ()

int **get** (int index)

IntBuffer **get** (int[] dst)

IntBuffer **get** (int[] dst, int offset, int length)

boolean **isDirect** ()

IntBuffer **put** (int i)

IntBuffer **put** (IntBuffer src)

IntBuffer **put** (int[] src)

IntBuffer **put** (int index, int i)

IntBuffer **put** (int[] src, int offset, int length)

Object

boolean **equals** (Object ob)

int **hashCode** ()

String **toString** ()

Other Public Methods

int[] **array** ()

int **arrayOffset** ()

IntBuffer **asReadOnlyBuffer** ()

IntBuffer **compact** ()

int **compareTo** (Object ob)

IntBuffer **duplicate** ()

boolean **hasArray** ()

ByteOrder **order** ()

IntBuffer **slice** ()

### LongBuffer

Static Methods

LongBuffer **allocate** (int capacity)

LongBuffer **wrap** (long[] array)

LongBuffer **wrap** (long[] array, int offset, int length)

Accessors

long **get** ()

long **get** (int index)

LongBuffer **get** (long[] dst)

LongBuffer **get** (long[] dst, int offset, int length)

boolean **isDirect** ()

LongBuffer **put** (long l)

LongBuffer **put** (LongBuffer src)

LongBuffer **put** (long[] src)

LongBuffer **put** (int index, long l)

LongBuffer **put** (long[] src, int offset, int length)

Object

boolean **equals** (Object ob)

int **hashCode** ()

String **toString** ()

Other Public Methods

long[] **array** ()

int **arrayOffset** ()

LongBuffer **asReadOnlyBuffer** ()

LongBuffer **compact** ()

int **compareTo** (Object ob)

LongBuffer **duplicate** ()

boolean **hasArray** ()

ByteOrder **order** ()

LongBuffer **slice** ()

Comparable



java.lang.

### FloatBuffer

Static Methods

FloatBuffer **allocate** (int capacity)

FloatBuffer **wrap** (float[] array, int offset, int length)

FloatBuffer **wrap** (float[] array, int offset, int length)

Accessors

float **get** ()

float **get** (int index)

FloatBuffer **get** (float[] dst)

FloatBuffer **get** (float[] dst, int offset, int length)

boolean **isDirect** ()

FloatBuffer **put** (float f)

FloatBuffer **put** (FloatBuffer src)

FloatBuffer **put** (float[] src)

FloatBuffer **put** (int index, float f)

FloatBuffer **put** (float[] src, int offset, int length)

Object

boolean **equals** (Object ob)

int **hashCode** ()

String **toString** ()

Other Public Methods

float[] **array** ()

int **arrayOffset** ()

FloatBuffer **asReadOnlyBuffer** ()

FloatBuffer **compact** ()

int **compareTo** (Object ob)

FloatBuffer **duplicate** ()

boolean **hasArray** ()

ByteOrder **order** ()

FloatBuffer **slice** ()

### DoubleBuffer

Static Methods

DoubleBuffer **allocate** (int capacity)

DoubleBuffer **wrap** (double[] array, int offset, int length)

DoubleBuffer **wrap** (double[] array, int offset, int length)

Accessors

double **get** ()

double **get** (int index)

DoubleBuffer **get** (double[] dst)

DoubleBuffer **get** (double[] dst, int offset, int length)

boolean **isDirect** ()

DoubleBuffer **put** (double d)

DoubleBuffer **put** (DoubleBuffer src)

DoubleBuffer **put** (double[] src)

DoubleBuffer **put** (int index, double d)

DoubleBuffer **put** (double[] src, int offset, int length)

Object

boolean **equals** (Object ob)

int **hashCode** ()

String **toString** ()

Other Public Methods

double[] **array** ()

int **arrayOffset** ()

DoubleBuffer **asReadOnlyBuffer** ()

DoubleBuffer **compact** ()

int **compareTo** (Object ob)

DoubleBuffer **duplicate** ()

boolean **hasArray** ()

ByteOrder **order** ()

DoubleBuffer **slice** ()

### ByteBuffer

Static Methods

ByteBuffer **allocate** (int capacity)

ByteBuffer **allocateDirect** (int capacity)

ByteBuffer **wrap** (byte[] array, int offset, int length)

ByteBuffer **wrap** (byte[] array, int offset, int length)

Accessors

byte **get** ()

byte **get** (int index)

ByteBuffer **get** (byte[] dst)

ByteBuffer **get** (byte[] dst, int offset, int length)

char **getChar** ()

char **getChar** (int index)

double **getDouble** ()

double **getDouble** (int index)

float **getFloat** ()

float **getFloat** (int index)

int **getInt** ()

int **getInt** (int index)

long **getLong** ()

long **getLong** (int index)

short **getShort** ()

short **getShort** (int index)

boolean **isDirect** ()

ByteBuffer **put** (byte b)

ByteBuffer **put** (ByteBuffer src)

ByteBuffer **put** (byte[] src)

ByteBuffer **put** (int index, byte b)

ByteBuffer **put** (byte[] src, int offset, int length)

ByteBuffer **putChar** (char value)

ByteBuffer **putChar** (int index, char value)

ByteBuffer **putDouble** (double value)

ByteBuffer **putDouble** (int index, double value)

ByteBuffer **putFloat** (float value)

ByteBuffer **putFloat** (int index, float value)

ByteBuffer **putInt** (int value)

ByteBuffer **putInt** (int index, int value)

ByteBuffer **putLong** (long value)

ByteBuffer **putLong** (int index, long value)

ByteBuffer **putShort** (short value)

ByteBuffer **putShort** (int index, short value)

Object

boolean **equals** (Object ob)

int **hashCode** ()

String **toString** ()

Other Public Methods

byte[] **array** ()

int **arrayOffset** ()

CharBuffer **asCharBuffer** ()

DoubleBuffer **asDoubleBuffer** ()

FloatBuffer **asFloatBuffer** ()

IntBuffer **asIntBuffer** ()

LongBuffer **asLongBuffer** ()

ByteBuffer **asReadOnlyBuffer** ()

ShortBuffer **asShortBuffer** ()

ByteBuffer **compact** ()

int **compareTo** (Object ob)

ByteBuffer **duplicate** ()

boolean **hasArray** ()

ByteOrder **order** ()

ByteBuffer **order** (ByteOrder bo)

ByteBuffer **slice** ()

### ByteOrder

Static Methods

ByteOrder **nativeOrder** ()

Object

String **toString** ()

ByteOrder **BIG\_ENDIAN**, **LITTLE\_ENDIAN**

### MappedByteBuffer

Accessors

boolean **isLoaded** ()

Other Public Methods

MappedByteBuffer **force** ()

MappedByteBuffer **load** ()