| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ByteOrder.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/nio/ByteBuffer.html)   [**NEXT CLASS**](http://docs.google.com/java/nio/CharBuffer.html) | [**FRAMES**](http://docs.google.com/index.html?java/nio/ByteOrder.html)    [**NO FRAMES**](http://docs.google.com/ByteOrder.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#2s8eyo1) |

## **java.nio**

Class ByteOrder

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.nio.ByteOrder**

public final class **ByteOrder**extends [Object](http://docs.google.com/java/lang/Object.html)

A typesafe enumeration for byte orders.

**Since:** 1.4

| **Field Summary** | |
| --- | --- |
| static [ByteOrder](http://docs.google.com/java/nio/ByteOrder.html) | [**BIG\_ENDIAN**](http://docs.google.com/java/nio/ByteOrder.html#BIG_ENDIAN)            Constant denoting big-endian byte order. |
| static [ByteOrder](http://docs.google.com/java/nio/ByteOrder.html) | [**LITTLE\_ENDIAN**](http://docs.google.com/java/nio/ByteOrder.html#LITTLE_ENDIAN)            Constant denoting little-endian byte order. |

| **Method Summary** | |
| --- | --- |
| static [ByteOrder](http://docs.google.com/java/nio/ByteOrder.html) | [**nativeOrder**](http://docs.google.com/java/nio/ByteOrder.html#nativeOrder())()            Retrieves the native byte order of the underlying platform. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/java/nio/ByteOrder.html#toString())()            Constructs a string describing this object. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Field Detail** |
| --- |

### BIG\_ENDIAN

public static final [ByteOrder](http://docs.google.com/java/nio/ByteOrder.html) **BIG\_ENDIAN**

Constant denoting big-endian byte order. In this order, the bytes of a multibyte value are ordered from most significant to least significant.

### LITTLE\_ENDIAN

public static final [ByteOrder](http://docs.google.com/java/nio/ByteOrder.html) **LITTLE\_ENDIAN**

Constant denoting little-endian byte order. In this order, the bytes of a multibyte value are ordered from least significant to most significant.

| **Method Detail** |
| --- |

### nativeOrder

public static [ByteOrder](http://docs.google.com/java/nio/ByteOrder.html) **nativeOrder**()

Retrieves the native byte order of the underlying platform.

This method is defined so that performance-sensitive Java code can allocate direct buffers with the same byte order as the hardware. Native code libraries are often more efficient when such buffers are used.

**Returns:**The native byte order of the hardware upon which this Java virtual machine is running

### toString

public [String](http://docs.google.com/java/lang/String.html) **toString**()

Constructs a string describing this object.

This method returns the string "BIG\_ENDIAN" for [BIG\_ENDIAN](http://docs.google.com/java/nio/ByteOrder.html#BIG_ENDIAN) and "LITTLE\_ENDIAN" for [LITTLE\_ENDIAN](http://docs.google.com/java/nio/ByteOrder.html#LITTLE_ENDIAN).

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**The specified string

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ByteOrder.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/nio/ByteBuffer.html)   [**NEXT CLASS**](http://docs.google.com/java/nio/CharBuffer.html) | [**FRAMES**](http://docs.google.com/index.html?java/nio/ByteOrder.html)    [**NO FRAMES**](http://docs.google.com/ByteOrder.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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