| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BufferCapabilities.FlipContents.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/awt/BufferCapabilities.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/Button.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/BufferCapabilities.FlipContents.html)    [**NO FRAMES**](http://docs.google.com/BufferCapabilities.FlipContents.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#3rdcrjn) |

## **java.awt**

Class BufferCapabilities.FlipContents

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.awt.BufferCapabilities.FlipContents**

**Enclosing class:**[BufferCapabilities](http://docs.google.com/java/awt/BufferCapabilities.html)

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

A type-safe enumeration of the possible back buffer contents after page-flipping

**Since:** 1.4

| **Field Summary** | |
| --- | --- |
| static [BufferCapabilities.FlipContents](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html) | [**BACKGROUND**](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#BACKGROUND)            When flip contents are BACKGROUND, the contents of the back buffer are cleared with the background color after flipping. |
| static [BufferCapabilities.FlipContents](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html) | [**COPIED**](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#COPIED)            When flip contents are COPIED, the contents of the back buffer are copied to the front buffer when flipping. |
| static [BufferCapabilities.FlipContents](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html) | [**PRIOR**](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#PRIOR)            When flip contents are PRIOR, the contents of the back buffer are the prior contents of the front buffer (a true page flip). |
| static [BufferCapabilities.FlipContents](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html) | [**UNDEFINED**](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#UNDEFINED)            When flip contents are UNDEFINED, the contents of the back buffer are undefined after flipping. |

| **Method Summary** | |
| --- | --- |
| int | [**hashCode**](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#hashCode())()            Returns a hash code value for the object. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#toString())()            Returns a string representation of the 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()), [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** |
| --- |

### UNDEFINED

public static final [BufferCapabilities.FlipContents](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html) **UNDEFINED**

When flip contents are UNDEFINED, the contents of the back buffer are undefined after flipping.

**See Also:**[BufferCapabilities.isPageFlipping()](http://docs.google.com/java/awt/BufferCapabilities.html#isPageFlipping()), [BufferCapabilities.getFlipContents()](http://docs.google.com/java/awt/BufferCapabilities.html#getFlipContents()), [BACKGROUND](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#BACKGROUND), [PRIOR](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#PRIOR), [COPIED](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#COPIED)

### BACKGROUND

public static final [BufferCapabilities.FlipContents](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html) **BACKGROUND**

When flip contents are BACKGROUND, the contents of the back buffer are cleared with the background color after flipping.

**See Also:**[BufferCapabilities.isPageFlipping()](http://docs.google.com/java/awt/BufferCapabilities.html#isPageFlipping()), [BufferCapabilities.getFlipContents()](http://docs.google.com/java/awt/BufferCapabilities.html#getFlipContents()), [UNDEFINED](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#UNDEFINED), [PRIOR](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#PRIOR), [COPIED](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#COPIED)

### PRIOR

public static final [BufferCapabilities.FlipContents](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html) **PRIOR**

When flip contents are PRIOR, the contents of the back buffer are the prior contents of the front buffer (a true page flip).

**See Also:**[BufferCapabilities.isPageFlipping()](http://docs.google.com/java/awt/BufferCapabilities.html#isPageFlipping()), [BufferCapabilities.getFlipContents()](http://docs.google.com/java/awt/BufferCapabilities.html#getFlipContents()), [UNDEFINED](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#UNDEFINED), [BACKGROUND](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#BACKGROUND), [COPIED](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#COPIED)

### COPIED

public static final [BufferCapabilities.FlipContents](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html) **COPIED**

When flip contents are COPIED, the contents of the back buffer are copied to the front buffer when flipping.

**See Also:**[BufferCapabilities.isPageFlipping()](http://docs.google.com/java/awt/BufferCapabilities.html#isPageFlipping()), [BufferCapabilities.getFlipContents()](http://docs.google.com/java/awt/BufferCapabilities.html#getFlipContents()), [UNDEFINED](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#UNDEFINED), [BACKGROUND](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#BACKGROUND), [PRIOR](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html#PRIOR)

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

### hashCode

public int **hashCode**()

**Description copied from class:** [**Object**](http://docs.google.com/java/lang/Object.html#hashCode()) Returns a hash code value for the object. This method is supported for the benefit of hashtables such as those provided by java.util.Hashtable.

The general contract of hashCode is:

* Whenever it is invoked on the same object more than once during an execution of a Java application, the hashCode method must consistently return the same integer, provided no information used in equals comparisons on the object is modified. This integer need not remain consistent from one execution of an application to another execution of the same application.
* If two objects are equal according to the equals(Object) method, then calling the hashCode method on each of the two objects must produce the same integer result.
* It is *not* required that if two objects are unequal according to the [Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)) method, then calling the hashCode method on each of the two objects must produce distinct integer results. However, the programmer should be aware that producing distinct integer results for unequal objects may improve the performance of hashtables.

As much as is reasonably practical, the hashCode method defined by class Object does return distinct integers for distinct objects. (This is typically implemented by converting the internal address of the object into an integer, but this implementation technique is not required by the JavaTM programming language.)

**Overrides:**[hashCode](http://docs.google.com/java/lang/Object.html#hashCode()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a hash code value for this object.**See Also:**[Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### toString

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

**Description copied from class:** [**Object**](http://docs.google.com/java/lang/Object.html#toString()) Returns a string representation of the object. In general, the toString method returns a string that "textually represents" this object. The result should be a concise but informative representation that is easy for a person to read. It is recommended that all subclasses override this method.

The toString method for class Object returns a string consisting of the name of the class of which the object is an instance, the at-sign character `@', and the unsigned hexadecimal representation of the hash code of the object. In other words, this method returns a string equal to the value of:

getClass().getName() + '@' + Integer.toHexString(hashCode())

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of the object.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BufferCapabilities.FlipContents.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#3rdcrjn) |

[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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