| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/ImageCapabilities.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt//class-useImageCapabilities.html)    [**NO FRAMES**](http://docs.google.com/ImageCapabilities.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.awt.ImageCapabilities**

| Packages that use [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.image**](#2et92p0) | Provides classes for creating and modifying images. |

| Uses of [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
| --- | --- |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) | |
| --- | --- |
| [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) | **BufferCapabilities.**[**getBackBufferCapabilities**](http://docs.google.com/java/awt/BufferCapabilities.html#getBackBufferCapabilities())() |
| [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) | **Image.**[**getCapabilities**](http://docs.google.com/java/awt/Image.html#getCapabilities(java.awt.GraphicsConfiguration))([GraphicsConfiguration](http://docs.google.com/java/awt/GraphicsConfiguration.html) gc)            Returns an ImageCapabilities object which can be inquired as to the capabilities of this Image on the specified GraphicsConfiguration. |
| [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) | **BufferCapabilities.**[**getFrontBufferCapabilities**](http://docs.google.com/java/awt/BufferCapabilities.html#getFrontBufferCapabilities())() |
| [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) | **GraphicsConfiguration.**[**getImageCapabilities**](http://docs.google.com/java/awt/GraphicsConfiguration.html#getImageCapabilities())()            Returns the image capabilities of this GraphicsConfiguration. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) | |
| --- | --- |
| [VolatileImage](http://docs.google.com/java/awt/image/VolatileImage.html) | **GraphicsConfiguration.**[**createCompatibleVolatileImage**](http://docs.google.com/java/awt/GraphicsConfiguration.html#createCompatibleVolatileImage(int,%20int,%20java.awt.ImageCapabilities))(int width, int height, [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) caps)            Returns a [VolatileImage](http://docs.google.com/java/awt/image/VolatileImage.html) with a data layout and color model compatible with this GraphicsConfiguration, using the specified image capabilities. |
| [VolatileImage](http://docs.google.com/java/awt/image/VolatileImage.html) | **GraphicsConfiguration.**[**createCompatibleVolatileImage**](http://docs.google.com/java/awt/GraphicsConfiguration.html#createCompatibleVolatileImage(int,%20int,%20java.awt.ImageCapabilities,%20int))(int width, int height, [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) caps, int transparency)            Returns a [VolatileImage](http://docs.google.com/java/awt/image/VolatileImage.html) with a data layout and color model compatible with this GraphicsConfiguration, using the specified image capabilities and transparency value. |
| [VolatileImage](http://docs.google.com/java/awt/image/VolatileImage.html) | **Component.**[**createVolatileImage**](http://docs.google.com/java/awt/Component.html#createVolatileImage(int,%20int,%20java.awt.ImageCapabilities))(int width, int height, [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) caps)            Creates a volatile off-screen drawable image, with the given capabilities. |

| Constructors in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) | |
| --- | --- |
| [**BufferCapabilities**](http://docs.google.com/java/awt/BufferCapabilities.html#BufferCapabilities(java.awt.ImageCapabilities,%20java.awt.ImageCapabilities,%20java.awt.BufferCapabilities.FlipContents))([ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) frontCaps, [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) backCaps, [BufferCapabilities.FlipContents](http://docs.google.com/java/awt/BufferCapabilities.FlipContents.html) flipContents)            Creates a new object for specifying buffering capabilities |

| Uses of [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) | |
| --- | --- |

| Methods in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) that return [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) | |
| --- | --- |
| abstract  [ImageCapabilities](http://docs.google.com/java/awt/ImageCapabilities.html) | **VolatileImage.**[**getCapabilities**](http://docs.google.com/java/awt/image/VolatileImage.html#getCapabilities())()            Returns an ImageCapabilities object which can be inquired as to the specific capabilities of this VolatileImage. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/ImageCapabilities.html) | **Use** | [**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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[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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