| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/imageio/ImageWriter.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?javax/imageio//class-useImageWriter.html)    [**NO FRAMES**](http://docs.google.com/ImageWriter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**javax.imageio.ImageWriter**

| Packages that use [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) | |
| --- | --- |
| [**javax.imageio**](#3znysh7) | The main package of the Java Image I/O API. |
| [**javax.imageio.event**](#2et92p0) | A package of the Java Image I/O API dealing with synchronous notification of events during the reading and writing of images. |
| [**javax.imageio.spi**](#tyjcwt) | A package of the Java Image I/O API containing the plug-in interfaces for readers, writers, transcoders, and streams, and a runtime registry. |

| Uses of [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) | |
| --- | --- |

| Methods in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) that return [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) | |
| --- | --- |
| static [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) | **ImageIO.**[**getImageWriter**](http://docs.google.com/javax/imageio/ImageIO.html#getImageWriter(javax.imageio.ImageReader))([ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) reader)            Returns an ImageWritercorresponding to the given ImageReader, if there is one, or null if the plug-in for this ImageReader does not specify a corresponding ImageWriter, or if the given ImageReader is not registered. |

| Methods in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) that return types with arguments of type [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) | |
| --- | --- |
| static [Iterator](http://docs.google.com/java/util/Iterator.html)<[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html)> | **ImageIO.**[**getImageWriters**](http://docs.google.com/javax/imageio/ImageIO.html#getImageWriters(javax.imageio.ImageTypeSpecifier,%20java.lang.String))([ImageTypeSpecifier](http://docs.google.com/javax/imageio/ImageTypeSpecifier.html) type, [String](http://docs.google.com/java/lang/String.html) formatName)            Returns an Iterator containing all currently registered ImageWriters that claim to be able to encode images of the given layout (specified using an ImageTypeSpecifier) in the given format. |
| static [Iterator](http://docs.google.com/java/util/Iterator.html)<[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html)> | **ImageIO.**[**getImageWritersByFormatName**](http://docs.google.com/javax/imageio/ImageIO.html#getImageWritersByFormatName(java.lang.String))([String](http://docs.google.com/java/lang/String.html) formatName)            Returns an Iterator containing all currently registered ImageWriters that claim to be able to encode the named format. |
| static [Iterator](http://docs.google.com/java/util/Iterator.html)<[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html)> | **ImageIO.**[**getImageWritersByMIMEType**](http://docs.google.com/javax/imageio/ImageIO.html#getImageWritersByMIMEType(java.lang.String))([String](http://docs.google.com/java/lang/String.html) MIMEType)            Returns an Iterator containing all currently registered ImageWriters that claim to be able to encode files with the given MIME type. |
| static [Iterator](http://docs.google.com/java/util/Iterator.html)<[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html)> | **ImageIO.**[**getImageWritersBySuffix**](http://docs.google.com/javax/imageio/ImageIO.html#getImageWritersBySuffix(java.lang.String))([String](http://docs.google.com/java/lang/String.html) fileSuffix)            Returns an Iterator containing all currently registered ImageWriters that claim to be able to encode files with the given suffix. |

| Methods in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) with parameters of type [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) | |
| --- | --- |
| static [ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) | **ImageIO.**[**getImageReader**](http://docs.google.com/javax/imageio/ImageIO.html#getImageReader(javax.imageio.ImageWriter))([ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) writer)            Returns an ImageReadercorresponding to the given ImageWriter, if there is one, or null if the plug-in for this ImageWriter does not specify a corresponding ImageReader, or if the given ImageWriter is not registered. |
| static [Iterator](http://docs.google.com/java/util/Iterator.html)<[ImageTranscoder](http://docs.google.com/javax/imageio/ImageTranscoder.html)> | **ImageIO.**[**getImageTranscoders**](http://docs.google.com/javax/imageio/ImageIO.html#getImageTranscoders(javax.imageio.ImageReader,%20javax.imageio.ImageWriter))([ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) reader, [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) writer)            Returns an Iterator containing all currently registered ImageTranscoders that claim to be able to transcode between the metadata of the given ImageReader and ImageWriter. |

| Uses of [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) in [javax.imageio.event](http://docs.google.com/javax/imageio/event/package-summary.html) | |
| --- | --- |

| Methods in [javax.imageio.event](http://docs.google.com/javax/imageio/event/package-summary.html) with parameters of type [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) | |
| --- | --- |
| void | **IIOWriteProgressListener.**[**imageComplete**](http://docs.google.com/javax/imageio/event/IIOWriteProgressListener.html#imageComplete(javax.imageio.ImageWriter))([ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) source)            Reports that the image write operation has completed. |
| void | **IIOWriteProgressListener.**[**imageProgress**](http://docs.google.com/javax/imageio/event/IIOWriteProgressListener.html#imageProgress(javax.imageio.ImageWriter,%20float))([ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) source, float percentageDone)            Reports the approximate degree of completion of the current write call within the associated ImageWriter. |
| void | **IIOWriteProgressListener.**[**imageStarted**](http://docs.google.com/javax/imageio/event/IIOWriteProgressListener.html#imageStarted(javax.imageio.ImageWriter,%20int))([ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) source, int imageIndex)            Reports that an image write operation is beginning. |
| void | **IIOWriteProgressListener.**[**thumbnailComplete**](http://docs.google.com/javax/imageio/event/IIOWriteProgressListener.html#thumbnailComplete(javax.imageio.ImageWriter))([ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) source)            Reports that a thumbnail write operation has completed. |
| void | **IIOWriteProgressListener.**[**thumbnailProgress**](http://docs.google.com/javax/imageio/event/IIOWriteProgressListener.html#thumbnailProgress(javax.imageio.ImageWriter,%20float))([ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) source, float percentageDone)            Reports the approximate degree of completion of the current thumbnail write within the associated ImageWriter. |
| void | **IIOWriteProgressListener.**[**thumbnailStarted**](http://docs.google.com/javax/imageio/event/IIOWriteProgressListener.html#thumbnailStarted(javax.imageio.ImageWriter,%20int,%20int))([ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) source, int imageIndex, int thumbnailIndex)            Reports that a thumbnail write operation is beginning. |
| void | **IIOWriteWarningListener.**[**warningOccurred**](http://docs.google.com/javax/imageio/event/IIOWriteWarningListener.html#warningOccurred(javax.imageio.ImageWriter,%20int,%20java.lang.String))([ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) source, int imageIndex, [String](http://docs.google.com/java/lang/String.html) warning)            Reports the occurence of a non-fatal error in encoding. |
| void | **IIOWriteProgressListener.**[**writeAborted**](http://docs.google.com/javax/imageio/event/IIOWriteProgressListener.html#writeAborted(javax.imageio.ImageWriter))([ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) source)            Reports that a write has been aborted via the writer's abort method. |

| Uses of [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) | |
| --- | --- |

| Methods in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) that return [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) | |
| --- | --- |
| [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) | **ImageWriterSpi.**[**createWriterInstance**](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html#createWriterInstance())()            Returns an instance of the ImageWriter implementation associated with this service provider. |
| abstract  [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) | **ImageWriterSpi.**[**createWriterInstance**](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html#createWriterInstance(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) extension)            Returns an instance of the ImageWriter implementation associated with this service provider. |

| Methods in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) with parameters of type [ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) | |
| --- | --- |
| boolean | **ImageWriterSpi.**[**isOwnWriter**](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html#isOwnWriter(javax.imageio.ImageWriter))([ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) writer)            Returns true if the ImageWriter object passed in is an instance of the ImageWriter associated with this service provider. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/imageio/ImageWriter.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?javax/imageio//class-useImageWriter.html)    [**NO FRAMES**](http://docs.google.com/ImageWriter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).