| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Package**

**javax.imageio**

| Packages that use [javax.imageio](http://docs.google.com/javax/imageio/package-summary.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.metadata**](#tyjcwt) | A package of the Java Image I/O API dealing with reading and writing metadata. |
| [**javax.imageio.plugins.bmp**](#3dy6vkm) | Package containing the public classes used by the built-in BMP plug-in. |
| [**javax.imageio.plugins.jpeg**](#1t3h5sf) | Classes supporting the built-in JPEG plug-in. |
| [**javax.imageio.spi**](#4d34og8) | A package of the Java Image I/O API containing the plug-in interfaces for readers, writers, transcoders, and streams, and a runtime registry. |

| Classes in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) used by [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) | |
| --- | --- |
| [**IIOException**](http://docs.google.com/javax/imageio/class-use/IIOException.html#javax.imageio)            An exception class used for signaling run-time failure of reading and writing operations. |
| [**IIOImage**](http://docs.google.com/javax/imageio/class-use/IIOImage.html#javax.imageio)            A simple container class to aggregate an image, a set of thumbnail (preview) images, and an object representing metadata associated with the image. |
| [**IIOParam**](http://docs.google.com/javax/imageio/class-use/IIOParam.html#javax.imageio)            A superclass of all classes describing how streams should be decoded or encoded. |
| [**IIOParamController**](http://docs.google.com/javax/imageio/class-use/IIOParamController.html#javax.imageio)            An interface to be implemented by objects that can determine the settings of an IIOParam object, either by putting up a GUI to obtain values from a user, or by other means. |
| [**ImageReader**](http://docs.google.com/javax/imageio/class-use/ImageReader.html#javax.imageio)            An abstract superclass for parsing and decoding of images. |
| [**ImageReadParam**](http://docs.google.com/javax/imageio/class-use/ImageReadParam.html#javax.imageio)            A class describing how a stream is to be decoded. |
| [**ImageTranscoder**](http://docs.google.com/javax/imageio/class-use/ImageTranscoder.html#javax.imageio)            An interface providing metadata transcoding capability. |
| [**ImageTypeSpecifier**](http://docs.google.com/javax/imageio/class-use/ImageTypeSpecifier.html#javax.imageio)            A class that allows the format of an image (in particular, its SampleModel and ColorModel) to be specified in a convenient manner. |
| [**ImageWriteParam**](http://docs.google.com/javax/imageio/class-use/ImageWriteParam.html#javax.imageio)            A class describing how a stream is to be encoded. |
| [**ImageWriter**](http://docs.google.com/javax/imageio/class-use/ImageWriter.html#javax.imageio)            An abstract superclass for encoding and writing images. |

| Classes in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) used by [javax.imageio.event](http://docs.google.com/javax/imageio/event/package-summary.html) | |
| --- | --- |
| [**ImageReader**](http://docs.google.com/javax/imageio/class-use/ImageReader.html#javax.imageio.event)            An abstract superclass for parsing and decoding of images. |
| [**ImageWriter**](http://docs.google.com/javax/imageio/class-use/ImageWriter.html#javax.imageio.event)            An abstract superclass for encoding and writing images. |

| Classes in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) used by [javax.imageio.metadata](http://docs.google.com/javax/imageio/metadata/package-summary.html) | |
| --- | --- |
| [**IIOException**](http://docs.google.com/javax/imageio/class-use/IIOException.html#javax.imageio.metadata)            An exception class used for signaling run-time failure of reading and writing operations. |
| [**ImageTypeSpecifier**](http://docs.google.com/javax/imageio/class-use/ImageTypeSpecifier.html#javax.imageio.metadata)            A class that allows the format of an image (in particular, its SampleModel and ColorModel) to be specified in a convenient manner. |

| Classes in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) used by [javax.imageio.plugins.bmp](http://docs.google.com/javax/imageio/plugins/bmp/package-summary.html) | |
| --- | --- |
| [**IIOParam**](http://docs.google.com/javax/imageio/class-use/IIOParam.html#javax.imageio.plugins.bmp)            A superclass of all classes describing how streams should be decoded or encoded. |
| [**ImageWriteParam**](http://docs.google.com/javax/imageio/class-use/ImageWriteParam.html#javax.imageio.plugins.bmp)            A class describing how a stream is to be encoded. |

| Classes in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) used by [javax.imageio.plugins.jpeg](http://docs.google.com/javax/imageio/plugins/jpeg/package-summary.html) | |
| --- | --- |
| [**IIOParam**](http://docs.google.com/javax/imageio/class-use/IIOParam.html#javax.imageio.plugins.jpeg)            A superclass of all classes describing how streams should be decoded or encoded. |
| [**ImageReadParam**](http://docs.google.com/javax/imageio/class-use/ImageReadParam.html#javax.imageio.plugins.jpeg)            A class describing how a stream is to be decoded. |
| [**ImageWriteParam**](http://docs.google.com/javax/imageio/class-use/ImageWriteParam.html#javax.imageio.plugins.jpeg)            A class describing how a stream is to be encoded. |

| Classes in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) used by [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) | |
| --- | --- |
| [**ImageReader**](http://docs.google.com/javax/imageio/class-use/ImageReader.html#javax.imageio.spi)            An abstract superclass for parsing and decoding of images. |
| [**ImageTranscoder**](http://docs.google.com/javax/imageio/class-use/ImageTranscoder.html#javax.imageio.spi)            An interface providing metadata transcoding capability. |
| [**ImageTypeSpecifier**](http://docs.google.com/javax/imageio/class-use/ImageTypeSpecifier.html#javax.imageio.spi)            A class that allows the format of an image (in particular, its SampleModel and ColorModel) to be specified in a convenient manner. |
| [**ImageWriter**](http://docs.google.com/javax/imageio/class-use/ImageWriter.html#javax.imageio.spi)            An abstract superclass for encoding and writing images. |

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