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

**Uses of Class**

**javax.imageio.IIOImage**

| Packages that use [IIOImage](http://docs.google.com/javax/imageio/IIOImage.html) | |
| --- | --- |
| [**javax.imageio**](#3znysh7) | The main package of the Java Image I/O API. |

| Uses of [IIOImage](http://docs.google.com/javax/imageio/IIOImage.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 [IIOImage](http://docs.google.com/javax/imageio/IIOImage.html) | |
| --- | --- |
| [IIOImage](http://docs.google.com/javax/imageio/IIOImage.html) | **ImageReader.**[**readAll**](http://docs.google.com/javax/imageio/ImageReader.html#readAll(int,%20javax.imageio.ImageReadParam))(int imageIndex, [ImageReadParam](http://docs.google.com/javax/imageio/ImageReadParam.html) param)            Reads the image indexed by imageIndex and returns an IIOImage containing the image, thumbnails, and associated image metadata, using a supplied ImageReadParam. |

| Methods in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) that return types with arguments of type [IIOImage](http://docs.google.com/javax/imageio/IIOImage.html) | |
| --- | --- |
| [Iterator](http://docs.google.com/java/util/Iterator.html)<[IIOImage](http://docs.google.com/javax/imageio/IIOImage.html)> | **ImageReader.**[**readAll**](http://docs.google.com/javax/imageio/ImageReader.html#readAll(java.util.Iterator))([Iterator](http://docs.google.com/java/util/Iterator.html)<? extends [ImageReadParam](http://docs.google.com/javax/imageio/ImageReadParam.html)> params)            Returns an Iterator containing all the images, thumbnails, and metadata, starting at the index given by getMinIndex, from the input source in the form of IIOImage objects. |

| Methods in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) with parameters of type [IIOImage](http://docs.google.com/javax/imageio/IIOImage.html) | |
| --- | --- |
| void | **ImageWriter.**[**write**](http://docs.google.com/javax/imageio/ImageWriter.html#write(javax.imageio.IIOImage))([IIOImage](http://docs.google.com/javax/imageio/IIOImage.html) image)            Appends a complete image stream containing a single image with default metadata and thumbnails to the output. |
| abstract  void | **ImageWriter.**[**write**](http://docs.google.com/javax/imageio/ImageWriter.html#write(javax.imageio.metadata.IIOMetadata,%20javax.imageio.IIOImage,%20javax.imageio.ImageWriteParam))([IIOMetadata](http://docs.google.com/javax/imageio/metadata/IIOMetadata.html) streamMetadata, [IIOImage](http://docs.google.com/javax/imageio/IIOImage.html) image, [ImageWriteParam](http://docs.google.com/javax/imageio/ImageWriteParam.html) param)            Appends a complete image stream containing a single image and associated stream and image metadata and thumbnails to the output. |
| void | **ImageWriter.**[**writeInsert**](http://docs.google.com/javax/imageio/ImageWriter.html#writeInsert(int,%20javax.imageio.IIOImage,%20javax.imageio.ImageWriteParam))(int imageIndex, [IIOImage](http://docs.google.com/javax/imageio/IIOImage.html) image, [ImageWriteParam](http://docs.google.com/javax/imageio/ImageWriteParam.html) param)            Inserts a new image into an existing image stream. |
| void | **ImageWriter.**[**writeToSequence**](http://docs.google.com/javax/imageio/ImageWriter.html#writeToSequence(javax.imageio.IIOImage,%20javax.imageio.ImageWriteParam))([IIOImage](http://docs.google.com/javax/imageio/IIOImage.html) image, [ImageWriteParam](http://docs.google.com/javax/imageio/ImageWriteParam.html) param)            Appends a single image and possibly associated metadata and thumbnails, to the output. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/imageio/IIOImage.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-useIIOImage.html)    [**NO FRAMES**](http://docs.google.com/IIOImage.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.

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