javax.imageio.*
ImageIO

IIOImage

IIOImage (RenderedImage image, List thumbnails, IIOMetadata metadata)
IIOImage (Raster raster, List thumbnails, IIOMetadata metadata)

Accessors
IIOMetadata get / setMetadata ()
int getNumThumbnails ()
Raster get / setRaster ()
RenderedImage get / setRenderedImage ()
BufferedImage getThumbnail (int index)
List get / setThumbnails ()

Other Public Methods
boolean hasRaster ()

ImageTypeSpecifier

ImageTypeSpecifier (RenderedImage image)
ImageTypeSpecifier (ColorModel colorModel, SampleModel sampleModel)

Static Methods
ImageTypeSpecifier **createBanded** (ColorSpace colorSpace, int[] bankIndices, int[] bandOffsets, int dataType, boolean hasAlpha, boolean isAlphaPremultiplied)
ImageTypeSpecifier **createFromBufferedImageType** (int bufferedImageType)
ImageTypeSpecifier **createFromRenderedImage** (RenderedImage image)
ImageTypeSpecifier **createGrayscale** (int bits, int dataType, boolean isSigned)
ImageTypeSpecifier **createGrayscale** (int bits, int dataType, boolean isSigned, boolean isAlphaPremultiplied)
ImageTypeSpecifier **createIndexed** (byte[] redLUT, byte[] greenLUT, byte[] blueLUT, byte[] alphaLUT, int bits, int dataType)
ImageTypeSpecifier **createInterleaved** (ColorSpace colorSpace, int[] bandOffsets, int dataType, boolean hasAlpha, boolean isAlphaPremultiplied)
ImageTypeSpecifier **createPacked** (ColorSpace colorSpace, int redMask, int greenMask, int blueMask, int alphaMask, int transferType, boolean isAlphaPremultiplied)

Accessors
int getBitsPerBand (int band)
int getBufferedImageType ()
ColorModel getColorModel ()
int getNumBands ()
int getNumComponents ()
SampleModel getSampleModel ()
SampleModel getSampleModel (int width, int height)

Object
boolean equals (Object o)

Other Public Methods
BufferedImage createBufferedImage (int width, int height)

ImageIO

ImageInputStream **createImageInputStream** (Object input) ↳
ImageOutputStream **createImageOutputStream** (Object output) ↳
File **get / setCacheDirectory** ()
ImageReader **getImageReader** (ImageWriter writer)
Iterator **getImageReaders** (Object input)
Iterator **getImageReadersByFormatName** (String formatName)
Iterator **getImageReadersByMIMEType** (String MIMEType)
Iterator **getImageReadersBySuffix** (String fileSuffix)
Iterator **getImageTranscoders** (ImageReader reader, ImageWriter writer)
ImageWriter **getImageWriter** (ImageReader reader)
Iterator **getImageWriters** (ImageTypeSpecifier type, String formatName)
Iterator **getImageWritersByFormatName** (String formatName)
Iterator **getImageWritersByMIMEType** (String MIMEType)
Iterator **getImageWritersBySuffix** (String fileSuffix)
String[] **getReaderFormatNames** ()
String[] **getReaderMIMETypes** ()
boolean **get / setUseCache** ()
String[] **getWriterFormatNames** ()
String[] **getWriterMIMETypes** ()
BufferedImage **read** (File input) ↳
BufferedImage **read** (InputStream input) ↳
BufferedImage **read** (URL input) ↳
BufferedImage **read** (ImageInputStream stream) ↳
void **scanForPlugins** ()
boolean **write** (RenderedImage im, String formatName, ImageOutputStream output) ↳
boolean **write** (RenderedImage im, String formatName, File output) ↳
boolean **write** (RenderedImage im, String formatName, OutputStream output) ↳