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

**Uses of Class**

**java.awt.image.renderable.ParameterBlock**

| Packages that use [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | |
| --- | --- |
| [**java.awt.image.renderable**](#3znysh7) | Provides classes and interfaces for producing rendering-independent images. |

| Uses of [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) in [java.awt.image.renderable](http://docs.google.com/java/awt/image/renderable/package-summary.html) | |
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| Methods in [java.awt.image.renderable](http://docs.google.com/java/awt/image/renderable/package-summary.html) that return [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | |
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| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**add**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#add(byte))(byte b)            Adds a Byte to the list of parameters. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**add**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#add(char))(char c)            Adds a Character to the list of parameters. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**add**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#add(double))(double d)            Adds a Double to the list of parameters. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**add**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#add(float))(float f)            Adds a Float to the list of parameters. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**add**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#add(int))(int i)            Adds a Integer to the list of parameters. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**add**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#add(long))(long l)            Adds a Long to the list of parameters. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**add**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#add(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Adds an object to the list of parameters. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**add**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#add(short))(short s)            Adds a Short to the list of parameters. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**addSource**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#addSource(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) source)            Adds an image to end of the list of sources. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **RenderableImageOp.**[**getParameterBlock**](http://docs.google.com/java/awt/image/renderable/RenderableImageOp.html#getParameterBlock())()            Returns a reference to the current parameter block. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**set**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#set(byte,%20int))(byte b, int index)            Replaces an Object in the list of parameters with a Byte. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**set**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#set(char,%20int))(char c, int index)            Replaces an Object in the list of parameters with a Character. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**set**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#set(double,%20int))(double d, int index)            Replaces an Object in the list of parameters with a Double. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**set**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#set(float,%20int))(float f, int index)            Replaces an Object in the list of parameters with a Float. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**set**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#set(int,%20int))(int i, int index)            Replaces an Object in the list of parameters with an Integer. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**set**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#set(long,%20int))(long l, int index)            Replaces an Object in the list of parameters with a Long. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**set**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#set(java.lang.Object,%20int))([Object](http://docs.google.com/java/lang/Object.html) obj, int index)            Replaces an Object in the list of parameters. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**set**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#set(short,%20int))(short s, int index)            Replaces an Object in the list of parameters with a Short. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **RenderableImageOp.**[**setParameterBlock**](http://docs.google.com/java/awt/image/renderable/RenderableImageOp.html#setParameterBlock(java.awt.image.renderable.ParameterBlock))([ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) paramBlock)            Change the current ParameterBlock of the operation, allowing editing of image rendering chains. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **ParameterBlock.**[**setSource**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#setSource(java.lang.Object,%20int))([Object](http://docs.google.com/java/lang/Object.html) source, int index)            Replaces an entry in the list of source with a new source. |

| Methods in [java.awt.image.renderable](http://docs.google.com/java/awt/image/renderable/package-summary.html) with parameters of type [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | |
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| [RenderedImage](http://docs.google.com/java/awt/image/RenderedImage.html) | **RenderedImageFactory.**[**create**](http://docs.google.com/java/awt/image/renderable/RenderedImageFactory.html#create(java.awt.image.renderable.ParameterBlock,%20java.awt.RenderingHints))([ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) paramBlock, [RenderingHints](http://docs.google.com/java/awt/RenderingHints.html) hints)            Creates a RenderedImage representing the results of an imaging operation (or chain of operations) for a given ParameterBlock and RenderingHints. |
| [RenderedImage](http://docs.google.com/java/awt/image/RenderedImage.html) | **ContextualRenderedImageFactory.**[**create**](http://docs.google.com/java/awt/image/renderable/ContextualRenderedImageFactory.html#create(java.awt.image.renderable.RenderContext,%20java.awt.image.renderable.ParameterBlock))([RenderContext](http://docs.google.com/java/awt/image/renderable/RenderContext.html) renderContext, [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) paramBlock)            Creates a rendering, given a RenderContext and a ParameterBlock containing the operation's sources and parameters. |
| [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) | **ContextualRenderedImageFactory.**[**getBounds2D**](http://docs.google.com/java/awt/image/renderable/ContextualRenderedImageFactory.html#getBounds2D(java.awt.image.renderable.ParameterBlock))([ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) paramBlock)            Returns the bounding box for the output of the operation, performed on a given set of sources, in rendering-independent space. |
| [Object](http://docs.google.com/java/lang/Object.html) | **ContextualRenderedImageFactory.**[**getProperty**](http://docs.google.com/java/awt/image/renderable/ContextualRenderedImageFactory.html#getProperty(java.awt.image.renderable.ParameterBlock,%20java.lang.String))([ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) paramBlock, [String](http://docs.google.com/java/lang/String.html) name)            Gets the appropriate instance of the property specified by the name parameter. |
| [RenderContext](http://docs.google.com/java/awt/image/renderable/RenderContext.html) | **ContextualRenderedImageFactory.**[**mapRenderContext**](http://docs.google.com/java/awt/image/renderable/ContextualRenderedImageFactory.html#mapRenderContext(int,%20java.awt.image.renderable.RenderContext,%20java.awt.image.renderable.ParameterBlock,%20java.awt.image.renderable.RenderableImage))(int i, [RenderContext](http://docs.google.com/java/awt/image/renderable/RenderContext.html) renderContext, [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) paramBlock, [RenderableImage](http://docs.google.com/java/awt/image/renderable/RenderableImage.html) image)            Maps the operation's output RenderContext into a RenderContext for each of the operation's sources. |
| [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | **RenderableImageOp.**[**setParameterBlock**](http://docs.google.com/java/awt/image/renderable/RenderableImageOp.html#setParameterBlock(java.awt.image.renderable.ParameterBlock))([ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) paramBlock)            Change the current ParameterBlock of the operation, allowing editing of image rendering chains. |

| Constructors in [java.awt.image.renderable](http://docs.google.com/java/awt/image/renderable/package-summary.html) with parameters of type [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | |
| --- | --- |
| [**RenderableImageOp**](http://docs.google.com/java/awt/image/renderable/RenderableImageOp.html#RenderableImageOp(java.awt.image.renderable.ContextualRenderedImageFactory,%20java.awt.image.renderable.ParameterBlock))([ContextualRenderedImageFactory](http://docs.google.com/java/awt/image/renderable/ContextualRenderedImageFactory.html) CRIF, [ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) paramBlock)            Constructs a RenderedImageOp given a ContextualRenderedImageFactory object, and a ParameterBlock containing RenderableImage sources and other parameters. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.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/image/renderable//class-useParameterBlock.html)    [**NO FRAMES**](http://docs.google.com/ParameterBlock.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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