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

## Package java.awt.image.renderable

Provides classes and interfaces for producing rendering-independent images.

**See:**

[**Description**](#3znysh7)

| **Interface Summary** | |
| --- | --- |
| [**ContextualRenderedImageFactory**](http://docs.google.com/java/awt/image/renderable/ContextualRenderedImageFactory.html) | ContextualRenderedImageFactory provides an interface for the functionality that may differ between instances of RenderableImageOp. |
| [**RenderableImage**](http://docs.google.com/java/awt/image/renderable/RenderableImage.html) | A RenderableImage is a common interface for rendering-independent images (a notion which subsumes resolution independence). |
| [**RenderedImageFactory**](http://docs.google.com/java/awt/image/renderable/RenderedImageFactory.html) | The RenderedImageFactory interface (often abbreviated RIF) is intended to be implemented by classes that wish to act as factories to produce different renderings, for example by executing a series of BufferedImageOps on a set of sources, depending on a specific set of parameters, properties, and rendering hints. |

| **Class Summary** | |
| --- | --- |
| [**ParameterBlock**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) | A ParameterBlock encapsulates all the information about sources and parameters (Objects) required by a RenderableImageOp, or other classes that process images. |
| [**RenderableImageOp**](http://docs.google.com/java/awt/image/renderable/RenderableImageOp.html) | This class handles the renderable aspects of an operation with help from its associated instance of a ContextualRenderedImageFactory. |
| [**RenderableImageProducer**](http://docs.google.com/java/awt/image/renderable/RenderableImageProducer.html) | An adapter class that implements ImageProducer to allow the asynchronous production of a RenderableImage. |
| [**RenderContext**](http://docs.google.com/java/awt/image/renderable/RenderContext.html) | A RenderContext encapsulates the information needed to produce a specific rendering from a RenderableImage. |

## Package java.awt.image.renderable Description

Provides classes and interfaces for producing rendering-independent images.

**Since:** 1.2

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.html) | [**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 PACKAGE**](http://docs.google.com/java/awt/image/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/java/awt/print/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/image/renderable/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.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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